SOURCES OF AUDIO-VISUAL AIDS IN TEACHING PHYSICAL EDUCATION

A Thesis Presented for the
Degree of Master of Arts

By

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Approved by:

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CHAPTER I
INTRODUCTION
THE NATURE AND PURPOSE OF THE THESIS

There has existed for a period of time among high school and college Physical Education Departments a need for available sources of films and other audio-visual aids.

The teachers and coaches in the field of Physical Education have been handicapped because until very recently no publications were available which listed only activity and sports films. To date there are only a few such publications and even the best of these do not include complete listings of films and contain few if any slides, filmstrips and other available audio-visual aids for Physical Education.

The major purpose of this thesis is indicated by its title - "Sources of Audio-Visual Aids in Teaching Physical Education". This list of teaching films, filmstrips, slides and other audio-visual aids has been collected and annotated primarily to help teachers of Physical Education, coaches and administrators to locate audio-visual aids so that they may be used at the proper time for instructional purposes.

In short, it is the intention of the author to set forth and make available a complete list of all audio-visual aids in teaching Physical Education.

The first three chapters of this thesis will be explanatory in nature and will be to furnish the proper background concerning the field of audio-visual aids in education as a whole and specifically in its relation to Physical Education.
EXPLANATION OF AUDIO-VISUAL TERMS

Before beginning a discussion of the use of audio-visual aids, it is necessary to have a clear conception of the meanings of the various terms which will be used throughout this thesis. For purposes of simplicity, the author will attempt to clarify the terminology related to his topic, audio-visual aids, by discussing and delimiting the terms used widely in earlier days and then by explaining the important terms in use today.

Perhaps the oldest and original designation to be coined and used in this field was **visual education**. "**Visual education** represents a grouping of educational materials or devices and organized department of instruction which is based, not upon subject matter but, upon method of presentation. The essential feature of this method is that it belongs to one of the senses". Notice the excessive verbalism of this definition. It represents a typical example of the definitions in early times.

This term was used as far back as 1906, but has been discarded from general use today because it designated visual as a special field of education. Today it is recognized that the fields of education are named according to materials studied and not for the senses used in the learning process.

About 1920, the phrase **visual education** began to be discarded, and the term **visual instruction** substituted. **Visual instruction** was justified as being the correct term on the grounds that sensory headings should be used in naming types of instruction.
However, it was not long before this expression was replaced by a new one—visual aids. Hoben defines a visual aid as any picture, model, or device which provides concrete visual experience to the learner for the purpose of: building, or enriching concepts, developing desirable attitudes, and stimulating further activity by the learner.4

Here for the first time was a term which seemed to fulfill the requirements. It is still very much in use today in common discussion of this field of education. It seems to have two flaws and both refer to its literal meaning. Its meaning implies that visual aids or devices are extracurricular, or that they are accessories to the curriculum. In reality visual aids should be considered a definite part of it. Its meaning implies also that all learning is gained through the eyes just as people believed in the early days. Some people claimed that 90 per cent of all learning must be visual. Others claimed that it would not be long until texts would be replaced by pictorial substitutes of the printed word. This trend of thought is exemplified best by the following quotation used for advertising visual education in the early days.

"What goes in one ear goes out the other, but what goes in through the eye sticks as there is no hole in the back of the head."5 All these claims were later found to be as absurd as the above quotation when it was discovered that all the senses are important in conveying a clear impression of material to be learned. The sense of touch, for example, aids in giving
correct concepts of objects and models. The sense of smell is also important in given situations and occasionally taste enters the picture of learning. Last and by no means least, the ear has been recognized as very important to learning. Due to the discovery that all the senses were used in learning, another term was developed, visual-sensory aids.

"This term is applied to all materials used in the classroom or in other teaching situations to facilitate the understanding of the written or spoken word." The most important is still visual but it is so closely related with the other senses that it is hard to separate them. Since the eye is considered of primary importance we place it ahead of the other senses. Because it includes the other senses however, the term visual-sensory aids becomes a more nearly true statement of the learning situation than either visual education or visual instruction.

The recent development of sound motion pictures, sound slide films, radio programs, sound recording and reproducing equipment for use in the schools has placed a new emphasis on the sense of hearing. The emphasis on sound in education has brought into use a comparatively new term, audio-visual. It is used to include almost the entire field of illustrative materials. This field is composed of three groups: (1) visual aids, (2) sound aids, (3) audio-visual aids (combinations of sound and visual aids)
In the discussion which follows the author will give brief consideration to each group. The various types of aids which are being used extensively in schools will be included and explained.

1. The commonest examples or types of visual aids available for use in schools today.
   a. **School journeys or field trips**
      These are to observe real life situations related to our field or study.
   b. **Plays and pageants**
      Dramatization of important events is actual participation.
   c. **Objects, specimens, models**
      This is either the actual study of the thing itself or a miniature of the real thing.
   d. **School museum**
      Here visual materials are kept for classroom observation.
   e. **Graphic materials**
      Included in this group are: maps, graphs, charts, cartoons and drawings.
   f. **Photographs and prints**
      This represents one of the largest fields of visual aids. It includes opaque slides, lantern slides, stereographs (three dimensional pictures), the film-strip, and microfilms (small photographs) of the large printed page.

2. The commonest types of audio or sound aids in use today.
   a. **Phonograph records**
      These are especially valuable in teaching speech, dramatics, music, rhythm and dancing.
   b. **Radio programs**
      Specialized programs have been planned for instructional use in schools.
   c. **Transcriptions (radio recordings)**
      These are used to make desirable programs available at the right time.
   d. **School radio-sound system**
      This system is used both for administrative purposes and to bring educational radio programs to each pupil.
   e. **Any words spoken, written, or read**
      As an audio-aid this still ranks high.
3. Common examples of audio-visual aids which are used today.
   a. Sound motion picture
      This is perhaps the most common and most widely used. It is an
      invaluable learning device. Its use and value in education will be
data discused in detail later in this
      thesis.
   b. Sound slide film
      This is simply a combination of the ordinary filmstrip
      and the phonograph record.
   c. Television
      This is simultaneous broadcasting and reception of
      pictured action and sound. It combines the features
      of radio, drama and motion picture. Its future as an
      aid to instruction is promising.
   d. Facsimile
      This replica or reproduction of an original picture
      gives us the wire photo. It also makes possible
      teletype,

The examples of audio-aids, visual-aids, and audio-visual
aids just discussed should give a clearer picture of the full
meaning and scope of the term audio-visual aids as it is used
today. While these devices are spoken of as aids they really
are audio-visual materials which are used for instruction.
Furthermore, as has been pointed out before, these materials
are an integral part of the curriculum and learning process,
not accessories. "Many of the leading men in the audio-visual
field think of sound and visual teaching tools as audio-visual
aids or materials."

There is another audio-visual term in wide use today,
audio-visual communication. This term is advocated by many
other leaders on the grounds that our senses are paths of
communication to the mind. We, therefore, rightly speak of
visual, audio, tactual, or sensory communication as separate
terms or any combination of these. Thus Helen Keller, who is
blind, was taught by tactual communication, many lower animals
use olfactory communication. Normal humans make greatest use
of audio-visual communications.
Both of the terms, audio-visual aids and audio-visual communications have their merits - the former is meaningful because it includes the important aids, materials or devices used in audio-visual communication. The latter is meaningful because it explains how these aids help clarify ideas - in other words, the learning process is explained.

To the author the term audio-visual aid helps to explain the term audio-visual communication and it is not so important which is used so long as its significance is understood. Above all it is essential to know how to use audio-visual aids to insure satisfactory communication between teacher and learner. For the sake of simplicity, the term audio-visual aids will be used principally throughout this thesis.
BIBLIOGRAPHY

Chapter I


CHAPTER II
HISTORY OF THE PROGRESS MADE IN AUDIO-VISUAL AIDS

The use of visual instruction is by no means new. It may be traced back through the educational history of the race. In primitive times boys were taught to hunt and fish, and girls to cook, through imitation, observation, and participation plus the necessary spoken explanation. "Early records were picture records." These pictures were very crude and usually represented various objects or life. Sometimes they were used to give warning of danger, sometimes to inform. Perhaps at other times pictures were used to reenact an important event or as a substitute for pantomime. Regardless of its earliest use we are reasonable sure that picture language of some sort was the fore-runner of our modern alphabet. It was modified and simplified in various ways until it reached the present form as shown by the illustrations in Fig. 1, page 10.

With the coming of the alphabet, picture drawings became less significant. However, as the printed letter or word became further removed from its ancestor the picture, it became more difficult for the human to understand. Words were still symbols, but in many cases words had no real meaning to many learners.

Because words alone are sometimes difficult to understand, therefore, the use of pertinent illustrations came into play at a very early date.
THE QUALITATIVE GAINS TO COMMUNICATION

QUALITATIVE GAINS ARE THOSE WHICH IMPROVE THE QUALITY OF COMMUNICATION. QUANTITATIVE GAINS ARE THOSE WHICH EXTEND ITS USE. THE QUALITATIVE GAINS ARE THE MORE IMPORTANT.

Step One
The Sketch
The first step in recorded communication. This is the bull— the herd-leader.

Step Two
The Pictograph
A pictorial meronomy in which the head of the bull stands for this "leading" animal.

Step Three
The Ideograph
An outline of the leader's head which stands for the idea "Leader." The second symbol is easier to write than the first. Thus a symbol for "head" stands for the head of the leader. (E. O. Edye in Pre-Alphabet Days (1932) gives this derivation of "A" from Phoenician; Chodd in Story of Alphabet (1930) gives derivation from Egyptian eagle.)

Step Four
The Alphabet
Inverting the ideograph which stands for head we obtain the leading letter of the alphabet "A." Thus bull leads or heads the alphabet. Ramsay, noting origin of "A" remarked "The origin foreshadowed the use."

Step Five
The Motion Picture
A, B, C, D, and E were each links in the chain of qualitative gains to communication. The next such gain was the motion picture. It is a qualitative gain because you will never see flowers grow and crystals form except in the motion picture.
"The Greeks utilized the school journey, the same for a blackboard and real objects in their instructional process. Fore-runners of modern education used visual instruction. Such famous pioneers as Comenius, Rousseau, and Pestalozzi emphasized it."3 We see, even in those early days it was imperative to include in the educational process a maximum number of those things which would help to create a realistic picture - to make the abstract more concrete. In other words with the improvement of quality in communication, language, it became even more essential to match these gains with quantitative gains as shown by Fig. II, page 12.

This chart, while general in nature, nevertheless shows the important steps made in the over-all progress in visual or audio-visual aids dating back to the earliest form of writing and coming down to the present time. A more detailed graph including only the last fifty-five years will be found later in this chapter.

It is interesting to note that the third step or quantitative gain was photography. Since this is one of the most important if not the most important visual aid in education today let us look briefly at its history. The thing we call motion pictures is not a motion picture at all and has existed for countless ages. That is, the principle has been known to mankind for three or more thousand years.3 The ancient
THE QUANTITATIVE GAINS TO COMMUNICATION

First Step
Writing was the first facile method of duplication. It was a quantitative gain over writing hence was another quantitive gain. The printing was alphabetic. The telegraph extended alphabetic communication long distances, instantaneously.

Second Step
Printing provided a more rapid duplication. Photo (light)graph (write) eliminated the labor of sketching, making better, and quicker records possible. It is doubtful that it was quantitative gain limited by fixed system of wires.

Third Step
Photography
The telegraph extended alphabetic communication long distances, instantaneously.

Fourth Step
The Telegraph

Fifth Step
The Telephone
Like the telegraph the telephone extended. The phonograph is an advance over the printed page since it includes in its without recourse to wires. The sounds nor the scenes it transmits; it merely distills limited by a fixed system of wires. It is record inflections of spoken word and that are transmitted die with the impulse senses them farther. It is quantitative and merely qualitative since it does not imitate those. The phonograph is not a that gave them birth. It does not improve not qualitative. To show flowers growing, qualitative gain because no improve the sounds it transmits, hence is not qualitative.

Sixth Step
Phonograph

Seventh Step
Radio
Television

Eighth Step
Television

Catalog of Slides and Films, p. 12
Chinese used devices that produced the effect of motion perceptible to the eye. One of these devices was the "peep-hole camera". It was a dark box with a small peep-hole in one end and a hole about three inches square in the other end. Some Chinese with artistic ability painted similar pictures in sequence on a strip of silk and this silk was pulled past the large opening by one person while another person peeped in the small hole to see the pictures in action.

It was a far cry from those first attempts to produce the illusion of motion to the development of the motion picture films in use today. However, the ancient and the new both depend upon the same psychological phenomenon for the illusion of motion.

Psychologists say that an image remains on the retina of the eye for approximately 1/12 of a second after the object disappears from view. If we can arrange to remove one picture and substitute another similar picture within this period during which vision persists we can view pictures with a feeling of continuity. This is the principle of motion pictures today. The pictures are changed on the screen at the rate of sixteen times per second for silent films and twenty-four times per second for sound films. The result is a series of still pictures placed so closely together that the eye does not notice the break. The ordinary picture reel is made up of a series of 16,000 separate and distinct still pictures which are closely related and projected on the screen in about ten or fifteen minutes.
One of the first attempts at producing motion pictures came during the 1870's as a result of a $25,000 bet by Leland Stanford, wealthy race horse owner. He made a bet that race horses sometimes have all four feet off the ground at once while running. To prove this he hired Edward Muybridge, a noted photographer to take pictures of the horse in action. By means of a series of cameras set up along the track and tripped at the instant the horse went by, Muybridge was able to prove the point and win Stanford his bet. "Thus for the first time in history continuous motion was photographically analyzed." Later Muybridge made a similar series of pictures using multiple shutters on the same camera. To Muybridge and to a young engineer named Isaacs, who assisted him, goes credit for the early development of the process of recording motion pictures.

It was not until the latter part of the 19th century that pictures were even passably satisfactory for educational or recreational use. Thomas A. Edison is given credit for the early development of the motion picture. His motion picture apparatus was perfected for the purpose of recording and projecting pictures to be shown with phonograph records. Although Edison's early dream was utilization of motion pictures for educational purposes, they strayed far away from that purpose until they again returned to the educational field. The first motion pictures shown to the public were
offered in doorway recreation spots much like our Penny Arcades of today. There were no "picture palaces" and only only amusement places large enough to permit a crowd to gather were used. The show usually lasted about ten minutes. "Since the early days motion pictures have grown to the point where it is generally accredited with being as powerful as the press and radio in its influence upon the American people." 

Application of motion pictures to education. - The first extensive application came immediately before and during World War I, largely for training purposes. Motion pictures proved so valuable during that period that with the close of the war many educational films producers started up and with them many films for educational purposes. Foremost among these producers was Henry Ford, who produced some of the best films of the time. Other industrial organizations followed suit and soon educational film producers sprung up. Most of these producers did not possess the "know how" of the education process, so many of their films were of little value.

This period of enthusiasm for motion pictures in education was followed by a decided slump beginning about 1920. Although little enthusiasm was shown and little progress was visible during this period, it was important for one reason. Certain experimental psychologists and educators were giving attention to the possible uses and values of pictures in educational
practice. "Experiments were conducted in various parts of the country by such pioneers in the field, as Weber, Freeman, Johnson, Roach, McClusky and others." These men found there were definite values to be expected from the proper use of the proper type motion picture.

As a result of these findings, large and more stable organizations to undertake the production of films strictly for educational purposes were formed. One of the first important steps in this direction was made by the Society for Visual Education with its science and geography films. This was followed by the production of the Chronicles of American Photoplays by the Yale University Press. These were among the best historical subjects ever produced in their time.

The Eastman Kodak Company followed this by forming the Eastman Teaching Films to produce and distribute industrial films for educational purposes. Other producers came into the field especially those interested in producing industrial films of an educational nature.

Pictures and sound were developed separately until the appearance of synchronized sound motion pictures about twenty years ago. Following this a year or two, sound films for educational use were developed. Some educators thought sound motion pictures would soon replace silent ones in the schools just as in theaters. This changeover is gradually occurring and much progress is being made both in production and utilization
of motion pictures, silent and sound. There is a definite tendency toward greater use of sound motion pictures except when they do not add to the instructional value of the film. Although some enthusiasts favor definitely one or the other, silent or sound films, there is an increasing trend toward recognizing the values of both and using whichever type fits the needs of the program. In short, the type film should be used which will best add to the effectiveness of instruction.

Other audio-visual devices such as phonograph records, radio programs, school radio-sound systems, sound reproduction and recording equipment are being used more frequently. Also use is being made of charts, photographs, stereographs, slides, and filmstrips whenever these aids seem most effective. In a word use is being made of the best of each type with the hope of developing the usefulness of each whether an audio-aid or a visual-aid. This explains the combination of the two terms into Audio-Visual Aid. 3

"In general all types of audio-visual aids are receiving more intelligent consideration than at any time in the past and there is every indication of a continued and accelerated increase in the use of these effective teaching aids." 3

A brief review of present day activities indicates the leading school systems of the United States are making regular use of audio-visual aids in education. The majority of the
states, thirty-five of forty-eight, have organized service bureaus to assist those schools which can not afford their own materials.

Many colleges and universities offer training courses in the use of audio-visual materials to enrich instruction. In some states this is required of all teachers for certification. Museums and other agencies are offering extension courses to those teachers who are already on the job. The proper use of audio-visual aids is receiving more and more attention from leading educators and leading educational organizations.

The United States Office of Education recently established a visual education division to offer advice and service to schools in making most effective use of motion pictures, filmstrips and other training aids. Perhaps the most recent development of interest to schools in the United States has been the addition of a Department of Visual Education to the various services of the National Education Association. This department will provide much assistance through the N.E.A. Journal and other informal channels. We have made rapid strides in the development and use of audio-visual aids since they were first introduced into the schools for instruction. It is hard to set forth in words the recent progress that has been made. The figure on page nineteen presents an excellent graphic picture of audio-visual developments during the past fifty-five years.
Fig. III
(From E. C. Dent, Audio-Visual Handbook, p. 20-21)
It should be noted that the approximate dates refer to the introduction of these various teaching aids among schools. In most cases they were used several years in industry or for entertainment before they were applied to class room use. This for example has been true of the glass slide, 2X2 slides, stereograph, phonograph record, motion picture, film strip, recorder, and sound equipment. Sound slide films and recordings of radio programs are just beginning to be used effectively in schools although they have been used effectively in industry for several years.

The varying widths of the bars of the graph are intended to indicate two things: (1) The approximate extent to which these teaching aids were and are being used among the schools. (2) The approximate increase or decrease in their use from year to year.

It is significant that so many of the efficient teaching aids now extensively used in schools have been introduced so recently. Also, of all the types of audio-visual aids now in use only one has decreased in importance as a teaching aid - the 35mm motion picture. This is explained by the fact that it has been replaced by the 16mm motion picture which is cheaper and far more satisfactory for class room use. One of the newest developments, the 2X2 slide, has made rapid progress as a teaching aid. Most of these slides are produced in color. The latest development of the 2X2 slide offers much future promise because it is stereoscopic projection of one subject
photographed from two slightly different angles. It is possible with the use of Polaroid lenses to get the impression of the third dimension.

Another new development of the stereo-slide for use in the armed forces also shows great promise for classroom use. These slides are produced by use of Vectograph process which permits three dimensional qualities to be made. They have been especially effective in the army to teach geometry, trigonometry and other subjects where depth improves visual communication.

Recent developments in television and facsimile are now being used experimentally in some schools. The lag between scientific developments and their use for teaching purposes is decreasing and indicates a greater alertness among those who guide education of youth today.

Summary. The audio-visual movement has long passed the trial stages and has become a potent factor in all training situations. The extent to which these valuable training aids are used and the degree of effectiveness with which they will be applied in any teaching situation depends primarily upon the amount and quality of training the teacher has received. The greatest factor retarding the more extensive and effective use of audio-visual aids is the inadequate training of teachers to make proper use of the materials available. Another factor is that materials are not always available - mainly because their sources are not known. It is the main purpose of the author in this thesis to make these sources known.


CHAPTER III
THE REASONS FOR USING AUDIO-VISUAL AIDS IN PHYSICAL EDUCATION

The reasons for using audio-visual aids in teaching physical education activities are the same as for teaching any other subject. The main objective is always to communicate ideas, skills, and attitudes.

Audio-visual methods are founded on the principle that all teaching, from the first grade to college, regardless of the fields, can be greatly improved by visual and auditory materials because these teaching materials can make the learning experience more concrete and memorable. Visual and auditory techniques offer great opportunities for improving learning opportunities we can hardly envision since the field itself is so new. The teacher should realize, however, that audio-visual aids are only one group of methods designed to improve teaching. He should understand that it is highly worthwhile to master the methods of using audio-visual materials in teaching because they represent a powerful media in the learning process.

Experiments carried on in the army training program have shown that the use of audio-visual aids in the teaching process increases both its efficiency and effectiveness.

More specifically the evidence gathered from the experimental research of Dale and others points out that in the field of physical education, motion pictures when combined with the usual instruction increase the amount of the skill learned.
Besides the reasons already stated for the use of audio-visual aids in education in general, there are three more definite reasons for their use in teaching physical education activities.

I. Audio-visual aids possess elements similar to physical education activities.

II. Audio-visual aids have specific uses in teaching physical education activities.

III. Audio-visual aids provide a wide variety of experiences.

The author will give a brief discussion of each of these three reasons.

I. Audio-visual aids possess elements similar to physical education activities.

A. Elements of Sight and Sound. — The reader has often heard the expression "Seeing is believing". There is much evidence to support this expression. In this frame of reference studies have been made in regard to the most effective ways of learning. As a result of these studies, information is available to the effect that a large per cent of our learning comes through our eyes, a small percent through our ears and other sense organs. 3

It would seem, therefore, that teaching the activity program through an improved method of seeing, hearing, and doing, are three good ways to speed up learning. Therefore, emphasis should be placed upon seeing in order to get the correct technique for doing.
The writer will cite a personal experience to clarify this. During his preparation for the Master's degree Comprehensive examination the author covered the field of sports in order to learn more about the rules and techniques of the various games. Most of these games were quite clear and familiar except one; squash racquets. The writer had heard a lot about this game and knew that racquets were used and that was about the extent of his knowledge. The first step in the learning process was reading an account of the game in a sports book. From this the writer learned that squash is played in a hand ball court with a ball similar to a handball and racquets similar to those used in tennis. However, there were still many points that were not clear.

The next step was to talk with a sportsman who played squash. His explanations did much to clarify the game but the author still couldn't quite visualize how two players, with racquets could manuver in a place so small. The writer decided to find out more. The next day the author visited the hand ball courts to watch a game of squash racquets. The writer learned more by watching for about five minutes than he had from all the reading and discussion which had been taken place previously. The essence of this little story is that "the eyes have it". Even though the "eyes have it"
they need some assistance from the ears and other senses.

Visual instruction has always had an important place in teaching physical education activities. Methods, devices, and techniques are usually viewed from the standpoint of economy of time and effectiveness of learning. The relationship of auditory perception (oral instruction) to visual perception (visual instruction) is necessary and has a definite application in teaching of motor skills. The use of both oral and visual instruction is fundamentally tied up with efficiency in learning athletic skills.

B. Elements of Motion. - Physical Education activities are based upon motion. For some activities and games this means movement of the individual only; for team games it involves movement on the part of each individual plus that of the team as a whole. It is therefore almost essential in teaching movement to use movement. In order to become effective as a teacher it would seem wise to use audio-visual aids. There may be some coaches or teachers who can explain and draw diagrams so efficiently that students can learn various fundamental athletic skills correctly. These persons are few in number. It is believed that even this select group can improve their teaching by the use of audio-visual material. Teachers agree that showing motion, in the form of motion pictures, is the best visual or audio-visual aid available. Dale indicates some definite feelings about this when he states:
"For health and physical education motion pictures are virtually indispensable – or should be regarded as such."  

This statement is true largely because motion pictures apparently have no equal as a medium of analyzing motion. Consequently this "medium" plays a very important function as a teaching aid in the field of physical education.

In 1939 Thurston Adams conducted a study on the use of motion pictures in teaching physical education activities. As a result of these experiments and study Adams makes these statements about the use of motion pictures. (1) Students moving with the picture on the screen immediately get the feel or rhythm of the movement. (Slower than normal movement is necessary – the slower the better.) (2) The motion picture is the ideal medium for presenting the entire motion involved in a skill for it can show integrated rhythmical movement.

In reference to his first statement it is often hard for students to get the feel of the activity in learning. This is because they do not do the right thing at the right time. In short, they do not know the correct way to perform the activity. A good demonstration by the use of the motion picture can soon remedy this. With the showing of a film, slow motion is possible. A clearer analysis of the sport can be obtained by this procedure. A detailed discussion of the value and use of slow motion will be found later in this chapter.
The second statement, made by Adams, emphasizes the fact that by using the motion picture the instructor can analyze any part of the skill.

For example: he can show the various body positions of a player serving in tennis plus the position of the racquet and ball at impact. Furthermore, he can stop the action at any position for a more detailed study.

Another valuable use of the element of motion, as given by the motion picture, is to indicate how individual performance dovetails with team play. It not only helps to show each boy his place but also helps to develop teamwork by showing just how his job fits into the whole picture.

From research studies by army on training films it was found that the use of motion pictures as an aid to instruction developed teamwork and cooperation - as a result they performed better as a unit.

It is sometimes difficult to achieve the context of this teamwork in a lecture with a demonstration. Having observed in the film the value of team performance it usually follows that boys will perform with greater understanding. Let us take the example of the complicated game of football. If a boy is to give his best for the team he must realize that each player’s job is important in the success of every play. Linemen often have the idea that they do all the work for the backs and the backs take all the glory. In many instances the backs do not
realize the value of the linemen, and consequently belittle their performance. This is especially true with the specialization of today. With coaches for each position, rather than for the whole team coordination may be difficult to achieve. This situation can be greatly remedied through the use of team diagrams, team practice, and most important team instruction by use of motion pictures. These pictures can show the job of each individual and the team the correct way.

Pictures of the team in action can show failures and successes of individual players and the resulting effect on team performance. The value of the motion picture is that it shows the team as a whole and why each man is essential.

II. Audio-Visual Aids have specific uses in teaching physical education activities.

As has always been the case in American life, "Necessity is the mother of invention." So it is in the field of physical education. To meet the need for instructional purposes in teaching physical education skills and activities, films have been developed for three specific uses, namely: (a) orientation, (b) demonstration and analysis of correct form, (c) analysis and diagnosis of action of individual activities.

The author will discuss each of these phases in its order of use.

A. Orientation. - The purpose of the orientation film is to acquaint the individual with the nature of the activity or game. It is also necessary to secure the individual's attention
and interest. These purposes can be accomplished in a number of ways.

One of the best ways to orient the student is through the use of standard and slow motion pictures. Let us take an example of the use of a film on tennis as a teaching aid.

The first step is to acquaint the student with the game as a whole by showing a tennis film in which actual play is taking place.

This not only gives the student a chance to grasp the concept of the game as a whole but enables the teacher to "spotlight" the various strokes, and other high points. It is usually best to have a film which shows good players in action. It is possible to get the film, for example, "Tennis for Beginners" in which Bill Tilden demonstrates and narrates on the rudiments of tennis including strokes, grip, and wrist action for the novice.

This film can be run at regular speed, slow motion, stopped at will, and repeated if desired.

According to an experimental study made by Roy Priebe and William Burton, the use of slow motion pictures in coaching eliminated to a large extent the initial period of trial and error for beginners. Priebe and Burton also found that motion pictures contributed to a marked interest on the part of the student in the activity.
Other audio-visual aids which might be used successfully are the: (1) Slide film - silent, or sound, (2) Delineascope - to show opaque materials, e.g. magazine pictures of good players in sports action.

Perhaps the next best method of contributing to the child's education is the "school journey". This involves a trip to a regular contest to see good players in action. The writer has observed that this is an accepted method for introducing a new game. The coach takes a group of boys to see a top notch team in action. It is felt that this procedure teaches them new points and definitely instills interest.

B. Demonstration and analysis of correct form in the activity. - The demonstration method by the physical education teacher or coach has been the leading method of instructing players in the fundamentals of athletic skills for many years. This technique is regarded as one of the best types of audio-visual aids, and second only to actual participation. According to the research conducted by Dale and others in 1938, "the demonstration method of instruction is superior to the film and other visual aids in teaching certain complex motor skills." Nevertheless, during the last eight years demonstration films have become greatly improved in technique and the element of slow motion has been introduced.

It seems natural, then, that films are vying for priority over the demonstration. One college teacher makes
this statement in comparison of the two methods: "Few teachers
today are unaware of the fact that no demonstration method
has proved more effective than the motion picture, judiciously
used." 2

Charles Hoban says: "The motion picture is admirably
adapted to the portrayal of athletic skills". 7

Neither of these authors claim that films are superior
to physical demonstration but they infer an equality between
the two methods.

There are many ways in which motion pictures can be used
in the field of physical education. Formerly they were used
only for orientation to a new activity. Now, films for the
purpose of demonstration and correction are regarded more
educational.

Motion pictures are considered a valuable aid to the
teacher in conducting students in special activities. The
student can be helped in making a critical analysis of the
movements which are so essential to the development of good
performance.

Another important reason why motion pictures have become
a valuable aid in teaching a motor skill by demonstration is
that few coaches or instructors can master all of the athletic
skills used in the various sports well enough to give a good
demonstration of each. However, slow motion picture does it
well, accurately and consistently.
Through the use of these pictures it is possible to have an expert in the sport or activity give the demonstration geared at a speed which is understandable even to the beginning students. It is believed that slow projection can depict correct form much more adequately than similar attempts on the part of a demonstrator.

"The unique contribution of the skill film is its slow motion feature. It enables us to see how the expert performs (the skill). By means of the close-up and slow motion, the film provides us a better view than we could possibly obtain even if we were right beside him on the track, the golf course or the tennis court." 4

Slow motion films are taken at high speed, so that it takes twice as long to show the skill on the screen as it took to perform it normally. Once these films are available they can be screened and studied at will. The track, the tennis court, or the baseball field may be too wet for use, but the film on high jumping, hurdling, tennis or baseball can be screened inside anyway.

The aim of any athletic skill teaching film should be to present the fundamentals in the simplest and most direct method. Certain basic fundamentals must be well learned before the more advanced. In other words, the film must be
organized as a teaching unit progressing from simple to complex.

For sake of complete understanding of the use of the slow motion film as a method of demonstration and analysis in physical education activity the author wishes to present a typical film for teaching the fundamental skills of running included in the 100 year dash.

"A sprinter is shown coming up to his marks, getting down in position and marking his holes for starting. Next a close up of him shows him digging the holes. Several side shots in slow and regular speed pictures show two different sprinters getting into their holes and taking their starts. Then, three shots of same sprinters starting were taken from the rear. The same thing was done from the front. These shots gave all angles and showed the important fundamentals of starting.

Slow and regular pictures were next shown of same sprinters running down track. These pictures showed arm and knee action to good advantage.

Next the finish was shown. Three shots from the side show sprinter breasting the tape. Then pictures of finish from front and rear follow. One, the leap finish and the other running straight on through the finish.

The 100 yard dash films close with a race, showing sprinters getting into their holes, the start, the race itself, and the finish."

In short, an integration of all fundamentals in continuous action.

C. Analysis and diagnosis of actual participation by the student. - It is likely that the greatest value of the film lies in the area of developing correct performance of an athletic skill. In the previous part of this chapter the author pointed out how the motion picture could be used in teaching motor skills by demonstrating and analyzing the
near perfect performance of an expert. Here the coach can employ the motion picture to help the student performer visualize, analyze, and understand his weak points and his strong points. The coach emphasizes the use of slow motion pictures to analyze a skill in order to diagnose the boy's weak points and correct them. The slow motion picture is ideal in this phase of teaching correct performance of motor skills. Through its use the coach and student can see movements which cannot be seen in normal action. Because they do give such precise visualization, the motion picture can show the student how much practice he needs to perfect a skill. Furthermore this teaching device highlights his good points as well as his weaknesses. It has been found that the use of motion pictures for this particular purpose as a teaching aid instills a deeper and more concentrated interest on the part of the student.

In short, it enables him to see himself in action; "to see himself as others see him." Most boys like this except when their form is bad. This in itself makes the use of the motion picture worth while.

Another important reason for using slow motion pictures to check and correct the boys' performance of skills is that the film can be stopped at any time to study an error in technique. It can also be repeated as often as possible to
recheck on any point that was not clear at the first showing.

The author will take liberty of citing a specific example
to show exactly how slow motion pictures can be used in teaching
an individual skill such as the high jump.

1. Demonstration of correct form of high jumping
   (Western Style). This would be done by a slow motion film
   showing an expert in action. Repetition and stops would
   probably be necessary because the western style jumping is
   not the natural style.

   Participation-correction-practice. This technique
   involves the coach pointing out mistakes. Much practice
   is necessary in an event like high jumping.

3. Filming of student in action. This, after much practice
   should help point out not only the strong points but the
   weak points as well.

4. More practice and correction.

5. Filming during actual competition. These films
   serve as a recheck for weaknesses.

   It should be remembered that the demonstration film
   could be reshown as many times as necessary throughout
   the course of learning the skill. In fact the coach might
   want to repeat it, rather than film the student action
   both times, as in (3) and (5) above.

   The ideal teaching situation would be to film each
student in action for the given activity, but this is not always possible. There are several alternatives that could be used if desired or necessary.

If instructors prefer they may film students in groups of two or three. A second alternative would be to film only the typical errors of the given activity as a contrast with the correct performance.

Perhaps the most practical way to utilize motion pictures in this way is the filming of action during the game, as in football. This has long been used by college football coaches and is now being done by the larger high schools. It is now common practice in larger colleges and universities to photograph the game on Saturday and have the pictures available for squad study on Monday. Strengths and weaknesses, excellent plays and poor ones, can be analyzed in this way. It is hard to imagine a more efficient method to check both individual and team play.

This same practice is carried on in other sports activities such as track and field, tennis, bowling, golf, baseball and many others.

III. Audio-visual aids provide a wide variety of experiences.

One of the biggest reasons for using audio-visual aids in any field of teaching is that they offer such a wide variety of meaningful experiences. They offer a broad selection of
ways and means for the teacher to communicate with the learner.

Let us remember that the learning process represents the communication of ideas, skills, and attitudes to the learner. In this process the audio-visual aids represent the methods by which we get ideas and skills across to the learner. The end result will be the learned skill if communication has been complete. The following diagram should serve to clarify this process of learning skills through a wide variety of experiences.

The above list of audio-visual aids does not necessarily refer to their order of importance as a method of communication but rather includes the most important methods irrespective of rank.

To insure complete communication of any skill to the learner we must select a wide variety of aids to meet the individual needs and use these aids wisely.
In other words, in teaching a new motor skill, more than one method of approach is essential to the complete learning of the skill. Demonstration alone is not enough; the use of slow motion pictures is not enough; neither is the use of active participation only. The same can be said for any other individual method if it is used alone.

It is believed that a wide variety of experiences are necessary to master one athletic skill. Consequently it would seem to be more essential in the complete mastery of the many skills which make up our team games. It is here that audio-visual aids prove their worth in the successful teaching of total physical education activities. This technique can be used to bring out points on fundamentals that have been omitted. Furthermore it can be used to clinch points which need special emphasis. Finally it can be used to set up various play situations so that they may be solved ahead of time.

An example will serve to clarify what the writer means. Suppose the author is coaching baseball in high school. Let him assume that he has correctly taught the fundamental skills which are essential to good individual performance. Reference is made here to those skills of batting, fielding, and throwing. He has also taught in general how each player
should play his position under normal conditions. The final and most difficult step is to arrange various game conditions: how to play when setting up a double play; how to change positions for a lefthanded batter; where fielders should throw the ball with runners on base.

These are only a few of the hundreds of play situations that come up and must be solved in an instant.

If the coach can actually practice many of these problem situations in advance of the game he has accomplished a great deal. Nevertheless time does not permit extensive coverage of these problem plays. However, through the use of various teaching aids many more situations can be covered. The writer takes the liberty to submit some of these.

A. **School journey** - A trip to a league ball game always brings up several important play situations. Here the boys can see how experts handle these, and play their positions. No teaching device is better to instill interest.

B. **Motion pictures** - To save time the experts can be brought to school in a film to show how they play the game. Slow motion, stop motion and repetition can be used at any time to study individual or team play. This aid is perhaps the best in viewing over-all action.

C. **Delineascope** - For projecting opaque materials this device gives the coach a chance to use magazine pictures or
photographs of players in action.

D. **Films and slides** - As yet, however, only a few good ones are available for team games.

E. **Simpler types of visual or auditory visual material** - Posters, charts, diagrams, stick figures and other devices can be used to supplement the previously listed aids.

The value of audio-visual aids to provide a wide variety of experiences is very well summarized by a quotation from Dr. Dale.

"The use of a wide variety of teaching aids in school enables education to be more concrete - and therefore build better abstractions. Intelligent, well-grounded abstractions are impossible without rich, meaningful, concrete experiences, and well-organized concepts and generalizations enable us to manage new concrete experiences with increased skill."  

General summary: In this chapter the author has shown definite reasons for using audio-visual aids in teaching physical education activities. These re-stated are:

I. Elements of audio-visual aids are similar to physical education activities.
   a. Elements of sight and sound.
   b. Element of motion.

II. Audio-visual aids have specific uses in teaching physical education activities.
   a. Orientation to activity.
   b. Demonstration and analysis of correct form for the activity.
   c. Analysis and diagnosis of actual participation by the student.

III. Audio-visual aids provide a wide variety of experiences relating to the activity.
    Based on the vast amount of research that has been done, there is no question whether audio-visual aids should be used.
in general education today. They should and are being used. Based upon the reasons set forth in this chapter, there is no question whether audio-visual aids should be used in teaching athletic skills, and physical education activities. They should be used.

It is the hope of the author that the following chapters of this thesis will promote the use of audio-visual aids in physical education - first by making recommendations as to their proper use in teaching physical education, and second by listing sources of films, filmstrips, slides and other types of audio-visual aids.
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CHAPTER IV

SOURCES OF FILMS IN PHYSICAL EDUCATION

The author considers this chapter the heart of the thesis because films furnish by far the most important of all audio-visual aids available for teaching physical education activities.

It will consist of a complete annotated list of films covering physical education or sports activities with available sources given for each.

It was essential before compiling an annotated film catalog for teaching physical education activities to have a clear picture of the activities to be covered by the same. In other words it was necessary to have an acceptable physical education program to serve as a basis for choosing films. It was important that all basic physical education or sports activities be included and yet only those which are considered a vital part of a good program.

The author wanted to devote full time to compiling and annotating a complete list of physical education films. He, therefore, elected to use a physical education curriculum already organized to determine the scope of activities.

A number of programs stood out as being important but with the help of Dr. Ashbrook, the author's advisor, the writer decided to use LaPorte's "The Physical Education Curriculum (A National Program)". This curriculum seemed
compatible with the current ideas of the activities that should be included in a good program. LaPorte's study represents about fifteen years of extensive research on the subject of what activities should be included in the physical education curriculum and was carried on with the help of some of the leading physical educators of the nation.

The following list of activities are included in the physical education curriculum by LaPorte. It has been used as the sole basis for selecting the physical education films and other audio-visual aids listed in this thesis.

**SCOPE OF PHYSICAL EDUCATION ACTIVITIES TO BE COVERED BY SOURCES OF AUDIO-VISUAL AIDS IN PHYSICAL EDUCATION**

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</table>

*William Ralph LaPorte, The Physical Education Curriculum (a national program prepared by the Committee on Curriculum Research of the College Physical Education Association). Los Angeles: The University of Southern California Press., 1945 pp. 30-32*
KEY TO THIS FILM SOURCE LIST

These explanations will help to clarify the system used for each film listed on the following pages of this chapter.

Order of film listings

All sports or activities are grouped alphabetically. Each film is then listed alphabetically, by the title, in its correct sports group. Sports which do not fall under a specific activity heading are all included in the group, Sports(Varied).

Individual film listings

The title of the film is given first. This is followed by the abbreviation 16mm to indicate that it is a 16 millimeter film. Next is found the symbol "sd" for sound films and "si" for silent films. If both sound and silent are available this is so indicated. It should be noted that sound films will not run on a 16mm silent projector. Whenever possible the length of the film in minutes of running time is given next. This is followed by the number of reels. All films catalogued are black and white unless indicated by the word "color". The last item to appear on the title line is the year in which the film was prepared. It was impossible to find this date for every film.
Annotations - Next in order in each individual listing is the annotation. A brief description is given of the contents of each film listed to point out its significant parts. No evaluation is attempted. The footnote following each annotation indicates the catalog from which it was taken by the author.

Sources - The last line of each listing is devoted to the source of the film and the terms for its use. The first part of this line indicates whether the film is for sale, rent, or loan. This is followed by the price of the film (if for sale) or by the charge for rental (if for rent). Films termed loan are free except for shipping charges. The last part of the final line gives in abbreviated form the principal sources of the film known to the author. These sources listed alphabetically may be found in full on pages 118 to 120 under the heading "Films Source Listings".

SOURCES OF FILMS IN PHYSICAL EDUCATION

ARCHERY

ARCHERY 16mm sd 1 reel
The study of archery technique. The use of the cross bow is shown by Howard Hill. He demonstrates the handling of the bow, precision shooting and hitting moving targets. (6)
Loan: Ohio

ARCHERY FOR BEGINNERS 16mm sd 12 min. color
Miss Ann Weber and Mrs. Dorothy Jackson demonstrate techniques used in stance, nocking, aiming and drawing. A close-up study is given of finger and arm action. (8)
Rent: $1 Bike; United W; Bell
ARCHERY VS GOLF 16mm sd 1 reel
A duel on the golf links to determine whether an archer can
outshoot a professional golfer. Narrated by John Martin. (8)
Sale: $25 Hoffberg

ARCHERY WITH LARRY HUGHES 16mm si 7 min.
A slow motion study of shooting form. It includes close-up
shots of shooting, stringing, nocking, and drawing. (8)
Rent: 75¢ Bailey

BOWS AND ARROWS 16mm sd 1 reel 11 min.
This film illustrates the technique and accuracy of champion
archers. Some impressive accurate shots by championship winners
are shown in slow motion. (4)
Loan: Atlantic; Rent: Bell

CLASS IN ARCHERY 16mm sd color 7 min.
Howard Hill demonstrates a lesson in archery proficiency
showing the championship style that has won him the reputation
of an expert, also valuable tips for improving shooting. (8)
Sale: $75 Big; $25 Courneya

FEATHERED SHAFTS 16mm sd 1 reel
An explanation is given of making bows and arrows. It begins
with primitive Michigan archery, also shows target practice
and hunting with arrows. (8)
Loan: Michigan

FOLLOW THE ARROW 16mm 1 reel 10 min.
A study of archery technique, its form and accuracy. A
Fete Smith Specialty produced by MGM. For use by schools
only. (8)
Rent: Teaching

IT'S DONE WITH ARROWS 16mm sd 1 reel 9 min. color
Howard Hill demonstrates his skill as an archery marksman.
He performs outstanding feats of skill such as hitting ping
pong balls in flight through the air. (9)
Sale: $75 Bike; $25 Courneya
BADMINTON

FLYING FEATHERS 16mm sd 12 min.
A complete badminton match between Ken Davidson and Hugh Forgus. This game features straddle shots, fake smashers and every known device of an expert fully extended in championship play.(1)
Rent: $1.25 Bell; Loan: Ohio

GOOD BADMINTON 16mm sd 1 reel 12 min.
An exhibition match between two champions, Jess Willard and Clif Sawyer. Some shots in slow motion, illustrations are given of foot work, placement and timing. Cocktail scenes prevent full recommendation for school use.(6)
Rent: Teaching; Association

LET'S PLAY BADMINTON 16mm sd 16 min. color
A demonstration by Ken Davidson, famous badminton star. He explains and shows the various fundamentals and techniques of the game. Slow motion is used often.(6)
Loan: General Sports; Victor

TIPS ON BETTER BADMINTON 16mm si 20 min. 1940
Features Canadian and American singles and doubles champions. It emphasizes foot work and wrist work in the execution of shots.(3)
Rent: Sports Tips

QUICK RETURNS 16mm sd 1 reel
Experts show the fine points of badminton and ping pong.(7)
Rent: Films Inc.

BASEBALL

BASEBALL 16mm sd al 10 min.
A general review of the highlights of a typical year in big league baseball. It ends with the view of a World's Series as seen from a grandstand seat. (Sport Parade)(1)
Rent: $1.25(sd) Bell; $1.00(sl) Bell

BATTING AROUND THE AMERICAN LEAGUE 16mm sd 2 reels
It includes demonstration of batting forms of various players. Also the correct pitching style as shown by such stars as: Bob Feller. It includes the World's Series at Crosley Field with slow motion shots of close plays.(6)
Loan: Ohio
BATTING STARS OF BASEBALL 16mm sd 3 reels 1946
This film thoroughly covers the more important fundamentals of batting in slow motion by established Major League Stars.(4)
Loan: Spaulding; American & National

BIG LEAGUE BASEBALL 16mm sd 9 min.
Such diamond stars as Bucky Walters, Dizzy Dean, Pepper Martin, Carl Hubbell and Joe Medwick. Each one is shown in his specialty.(8)
Rent: Bialy; DeVry; Association

BIG LEAGUERS 16mm sd 10 min.
Big League experts demonstrate the techniques they use in playing. Such stars as Dizzy Dean, Larry French, Gabby Hartnett, Gus Manchuso, are seen in action. Slow motion is used to analyze three types of pitches, the fast ball, the slow ball and the curve. Also the Chicago Cubs are shown in training on Catalina Island.(8)
Rent: $1.50 Gallagher; Sale: $21 Pictorial

CATCHING FUNDAMENTALS 16mm sd color 10 min. 1946
The essential catching skills are presented. The points covered are stamped footwork, signals, catching high fous, fielding bunts, backing up first base.(2)
Rent: $3 Indiana; Sale: $75(color),$45(sd) Coronet

CATCHING IN BASEBALL 16mm sd 1 reel
Fundamentals of catching are demonstrated. Directed by Norman Spear in cooperation with Jimmy Dykes, former big league manager, and Hollis Thurston of the Hollywood Baseball Team.(8)
Rent: Bike; Sale: Encyclopedia

CIRCLING THE BASES 16mm sd 2 reels 20 min.
This picture thoroughly covers the more important fundamentals of base running. Slow motion is used with pictures covering close plays on the bases. Taken in actual Big League Games.(4)
Loan: Spaulding; American & National

HITS, RUNS AND ERRORS 16mm sd 10 min.
A teaching film designed for beginners. Each position is explained and demonstrated. Scenes are included from Big League Games.(8)
Rent: $1 DeVry
HITTING THE BASEBALL 16mm sd 1 reel
This film shows the importance of balance, experience, practice and muscle coordination in hitting. Directed by Norman Spear and produced in cooperation with Jimmy Dykes and Hollis Thurston. Made specifically to teach fundamentals of hitting.(8)
Rent: Bike; Sale: Encyclopedia

HOW TO BAT LIKE THE BIG LEAGUERS 16mm sd 2 reels 20 min.
The important fundamentals of batting are shown by major league stars including Red Rolfe, Doph Camilli and Earl Averill. It illustrates how to hold a bat, how to stand at the plate and how to hit. Good instruction.(4)
Loan: Spaulding

INSIDE BASEBALL 16mm sd 3 reels 30 min. 1944
This picture covers thoroughly the important fundamentals of play in both pitching and hitting. Slow motion is used and short sequences are given on catching, base running and in-field play. The case includes such diamond stars as Joe DiMaggio, Ted Williams, Bob Feller, Lefty Grove, Hank Greenberg and Bill Dickey.(4)
Loan: Spaulding; American & National

INSIDE BASEBALL 16mm sd 10 min.
Shows an actual major league game between the St. Louis Cardinals and the Boston Braves. Illustrations are given in the use of secret signals by the catcher and by the manager from the dugout. The squeeze play and pitch out are shown. For use by schools only.(8)
Rent: Teaching

MAGIC HANDS 16mm sd 1 reel
Bobby Doerr, the star second baseman of the Boston Red Sox is shown in this film. He demonstrates how to play second base and how to bat.(8)
Rent: $1.50 Association; Sale: $30 Dunne

NINTH INNING 16mm sd 22 min. 1941
American League Stars show valuable tips on batting, fielding, base running, double plays, bunting, conditioning, pitching, and catching. It includes shots of the all-star game of 1941 and the World's Series of 1941 between the Yankees and the Dodgers.(8)
Loan: American & National
PLAY BALL 16mm sd color 35 min.
This film illustrates the correct methods to play the various positions of the infield and outfield. Included are scenes from professional games.(8)
Loan: Wilson

PLAY BALL 16mm sd 10 min.
Scenes are shown in the New York Yankees spring training camp in Florida. It shows the necessity to baseball squads for sticking to strict training schedules. It closes with shots taken from the World's Series. A Columbia Production for schools only.(8)
Loan: Association; Teaching

PLAY BALL, SON 16mm sd 20 min.
Taken from the book by Bert Dunne this film shows thirteen year old boys playing ball on the diamonds. Joe Kronin, manager of the Boston Red Sox, is their coach. The boys play a fine brand of ball as a result of their training.(8)
Loan: Wilson; Rent: #3 Association

SWING KING 16mm sd 28 min. 3 reels
Ted Williams, the American league's most valuable player, in 1946, is shown in this film. Sequences are shown to show why the Lou Boudreau defense functions so well against Williams. Williams also is shown using a baseball tee.(8)
Rent: $4.50 Association; Sale: $100 Dunne

THROWING IN BASEBALL 16mm sd 1 reel
This film illustrates the various techniques of pitching, slow motion and stop motion both being used. Directed by Norman Spear in cooperation with Jimmy Dykes and Hollis Thruston.(8)
Rent: Bike; Sale: Encyclopedia

WORLD SERIES OF 1943 16mm sd 22 min.
Highlights from the World Series between the St. Louis Cardinals of the National League and the New York Yankees of the American League.(8)
Loan: American & National

WORLD SERIES OF 1944 16mm sd 3 reels 30 min.
This film shows the important plays of every game between the St. Louis Cardinals and the St. Louis Browns.(4)
Loan: Spaulding; American & National
WORLD SERIES OF 1945 16mm sd 3 reels 30 min.
This film includes all the important plays between the
Detroit Tigers and the Chicago Cubs. The batting power of
Hank Greenberg of the Tigers is shown as he leads his club
to victory. Also Hank Borowy of the Cubs and Hal Newhouser
of the Tigers are shown in a tight pitching duel. Bob
Elson narrates. (4)
Loan: Spaulding; American & National

WORLD SERIES OF 1946 16mm sd 3 reels 30 min.
Highlights are shown of the World Series between the
Boston Red Sox and the St. Louis Cardinals. Also included
are some highlights of the major league all-star game played
at Boston. Close-ups are shown of star players on both teams. (4)
Loan: Spaulding; American & National

BASKETBALL

ADVANCED TECHNIQUE AND CLEAN PLAY IN GIRL'S BASKETBALL 16mm sd 12 min
An analysis of technique and plays for advanced players in
girl's basketball. A good teaching film. (8)
Rent: $2.50 Scholastic

BALL HANDLING IN BASKETBALL 16mm sd 1 reel 11 min.
This film was constructed to improve form in the dribbling,
passing and other fundamentals. Contains slow motion action.
Directed by Norman Spear in cooperation with Coach Wilbur
Johns of UCLA. Ken Carpenter is the Narrator. (8)
Rent: $1.50 Indiana; Sale: $45 Encyclopedia

BASKETBALL 16mm sd 1 reel 15 min. 1942
Branch McCrackin of Indiana University describes the
fundamentals in basketball. Included are techniques of:
guarding, passing, ball handling, dribbling and shooting. (8)
Rent: $2 Coronet; Sale: $55 Coronet

BASKETBALL - ADVANCED TECHNIQUES IN TEAM PLAY 16mm sd 10 min.
This is a girl's basketball film which demonstrates the
juggle, balance, guarding, shooting, team play and defensive
play. (8)
Rent: $3.50 Scholastic

BASKETBALL BY THE CODE 16mm sd 30 min.
Throwing play situations are shown to given application of
important rules. An excellent aid for officials and coaches.
Produced by the National Basketball Rules Committee. (8)
Rent: $4 Association
BASKETBALL - FOULS AND VIOLATIONS 16mm sd 10 min. 1939
A girl’s basketball team illustrates the various types of fouls both technical and personal. (8)
Rent: $2.50 Scholastic

BASKETBALL FUNDAMENTALS 16mm sd 30 min.
Doctor Meanwell, formerly of the University of Wisconsin, shows various types of plays in theory and in practice. (8)
Rent: $1.50 Wisconsin U

BASKETBALL - FUNDAMENTALS OF 16mm sd 5 reels 76 min. 1940
In this film each reel shows the technique employed by leading college coaches. It is possible to rent individual reels.
The list of coaches included is: Dave MacMillan, University of Minnesota; Forrest Allen, University of Kansas; Clare Bee, Long Island University; H. C. Carlson, University of Pittsburgh; John Bunn, Stanford University. Chuck Taylor, a leading exponent of the game also demonstrates. (8)
Rent: Bailey; Films

BASKETBALL - MODERN FUNDAMENTALS 16mm sd 2 reels
This picture is made under the direction of Fog Allen, Coach at University of Kansas. Reel one shows warm ups and games stressing ball handling, use of the bank board and various types of shooting, passing and dribbling. Reel two shows group work in the use of out of bounds plays, set screen plays, and fast break offense. (6)
Loan: Ohio

BASKETBALL TECHNIQUES 16mm sd 10 min.
Fast moving basketball plays are shown in slow motion. Studies are made of dribbling, passing and shooting. An MGM production for use by schools only.
Loan: Ohio; Rent: Teaching

BASKETBALL THRILLS OF 1946 16mm sd sd
Action shots are taken from the important games of the 1945-46 cage season. Smooth basketball quintets are shown in actual competition. (8)
Sale: $17.50 Official (sd) $8.75

BASKETBALL UP TO DATE 16mm sd 30 min.
This film explains very complex basketball rules. It is produced by the basketball rules committee. (8)
Rent: 75c Indiana; Association
CHAMPIONSHIP BASKETBALL 16mm sd 2 reels 1940  
Basketball as it is played today is analyzed by Nat Holman  
who starred with the original Celtics. Demonstrations are  
given of different types of defenses and other fundamentals.(4)  
Loan: Atlantic; Venard

CLASS "A" TOURNAMENT 1946 16mm si  
Ohio High School Basketball Tournament at Toledo.(6)  
Loan: Ohio

CLASS "B" TOURNAMENT 1946 16mm si  
Ohio High School Basketball Tournament at Springfield.(6)  
Loan: Ohio

DEFENSIVE FOOTWORK IN BASKETBALL 16mm sd 11 min.  
A study of the defensive tactics used by the individual  
player. Use is made of both game shots and slow motion  
shots. Directed by Norman Spear in cooperation with Coach  
Wilbur Johns of UCLA. Narrated by Ken Carpenter.(8)  
Rent: $1.50 Indiana; Sale: $45 Encyclopedia

HIGHLIGHTS OF THE IHSAA STATE BASKETBALL 16mm sd 1 reel 11 min.  
TOURNAMENT AND TRACK MEET OF 1946  
As the title indicates, this film shows parts of the Indiana  
State Basketball Tournament and State Track Meet of 1946.(4)  
Rent: Indiana

N.C.A.A. BASKETBALL TOURNAMENT 1942 16mm sd Each 1 reel  
Shows the following games: Dartmouth-Penn State, Kentucky-  
Illinois, Prn State-Illinois, Dartmouth-Kentucky(East final);  
Kansas-Colorado, Stanford-Rice, Kansas-Rice, Stanford-  
Colorado (West final). Stanford-Dartmouth(NCAA Championship  
Game). Shows Stanford winning the title.(8)  
Loan: National C

N.C.A.A. BASKETBALL TOURNAMENT 1944 16mm si Each 3 reels  
Features the following: Dartmouth-Catholic University,  
Temple Catholic University and Dartmouth-Utah(C.A.A.  
 Championship Game). Utah wins the championship,(8)  
Loan: National C

N.C.A.A. BASKETBALL TOURNAMENT 1945 16mm si Each 3 reels  
Selected scenes from the 1945 tournament won by the Oklahoma  
Aggies. Includes New York-Tufts, N.Y.U.- Ohio State, Kentucky-  
Tufts, and N.Y.U.-Oklahoma A & M(Championship game).(8)  
Loan: National C
N.C.A.A. BASKETBALL TOURNAMENT 1946 16mm si Each 3 reels

PLAY CHAMPIONSHIP BASKETBALL 16mm sd 6 reels
Shows all the important fundamentals of the game of basketball in a series of films which features Coach Henry Eiba of Oklahoma A & M. Shooting, scoring, blocking, dribbling, footwork, stance, rebound, defense on the jump, offensive plays, guarding the shooter, defensive tactics and the use of the arm and the hand are shown. Very instructional. Bill Slater narrates. (8)
Rent: $12.00 a day, Sale: $150 Association

SHOOTING IN BASKETBALL 16mm sd 11 min.
The fundamentals of shooting is studied in this film. Emphasis is placed on aim, finger tip control and trajectory. Coordination is also stressed. Slow motion is used often. Directed by Norman Spear with Coach Wilbur Johns of UCLA. Ken Carpenter narrates. (8)
Rent: $1.50 Indiana; Sale: $45 Encyclopedia

TECHNIQUE OF BASKETBALL OFFICIATING 16mm si 1 reel
Prepared by the National Association of Basketball Officials. For instruction of officials. (7)
Rent: Association

UNIVERSITY OF PENNSYLVANIA BASKETBALL 16mm si
Features the outstanding game of the 1945-46 Pennsylvania Quakers Cage Season. (8)
Rent: $2 Pennsylvania

WOMEN'S BASKETBALL - FOULS AND VIOLATIONS 16mm si 15 min.
Slow motion analysis of all fouls and violations as listed in the Official N.S.W.A. Rules of 1940. No playing is shown. (8)
Rent: $2.50 Scholastic

BOATING

AQUABATICS 16mm sd 1 reel
Stunt formations, aquaplaning, yachting.
Rent: $1.25 to $3 Real
AWAY WITH THE WIND 16mm sd si 1 reel
Boating of all kinds is demonstrated. Includes brief history of boating up to the present time. (7)
Loan: Venard; Rent: Visual E

CREW RACING 16mm sd 10 min.
The catch, the drive, and the release are shown by the University of California outstanding rowing crews. Slow motion and close ups are shown of the hands and the feet. The film is climax by a college rowing meet. An MGM production for schools only. (8)
Rent: Teaching; Bell

DINGHY SAILING 16mm si 15 min.
Student racing and sailing are shown on the Charles River which is located near the Massachusetts Institute of Technology. (8)
Loan: Massachusetts

FLOATING FUN 16mm sd 1 reel 10 min.
Teacher shows a class of youngsters what sailing is all about. Models are used and an actual sailing race is shown. Various types of sailing crafts are shown. (Sport Light)
Rent: $1.25 Bell

FLYING PADDLES 16mm sd 10 min.
The sport of crew racing is shown in this film. The fine coordination and skill necessary for this sport is shown in actual competition. (1)
Rent: $1.50 Bell; United World Films

LEARNING TO SAIL 16mm sd 1 reel color
Beginning students learn the technique of sailing. The film is interesting and helpful to even the "old salts". (8)
Sale: $75 Big

MICHIGAN CANOE TRAILS 16mm sd 11 min. color
A natural color film of a canoeing excursion on the river and lakes of Michigan. (8)
Loan: Michigan

OARS AND PADDLES 16mm sd 24 min.
This film demonstrates the proper technique in the use of boats and canoes. It shows proper methods of launching, techniques in handling oars, self rescue with an overturned boat, the boat rescue of a swimmer in water, surf rescue from launching to safe return, basic canoe paddling strokes, changing positions and picking up passengers. (8)
Loan or Rent: American Red Cross (Local Chapter)
OUTBOARD STUNTING 16mm sd 1 reel
Fun with outboard motors, aquaplaning, surf boards and other type aquatic equipment. (7)
Rent: Bell; Ideal

PORTAGE 16mm sd 18 min. color
Shows relation of transportation and the history of the American continent. Gives a detailed construction of the birth of the canoe by primitive methods. (8)
Rent: Bike

RIDING THE CREST 16mm sd 10 min.
Hawaiians are shown performing dare devil stunts on surfboard and other aquatic devices. Photographed at Waikiki by RKO Pathe. (8)
Rent: $1.50 Gallagher; Sale: $10.50 Pictorial

ROW, MISTER, ROW 16mm sd 1 reel
Celebrities in the sport of rowing shown in action. (7)
Rent: Ideal

SAFETY AHoy 16mm sd 15 min. color 1946
Covers the subject of boating safety and gives many helpful suggestions for the handling of small craft. Three main types of craft are shown, rowboats, sailboats, and motor boats and the hazards most frequently met with in the use of each of these are brought out. (2)
Rent: Aetna

SAILING A SQUARE RIGGER 16mm sd 10 min.
Camera studies are made of the method of rigging and furling sails. These all take place on a Polish training ship "Dar Pomorza". A 20th Century Fox Production for use by schools only. (8)
Rent: Teaching

SEA GOING THRILL 16mm sd 1 reel
The story of two children on board a ship sailing from New York around Cape Horn and up the west coast of South America to San Francisco. (8)
Rent: $1 DeVry

SPORT PARADE NUMBER I 16mm sd 10 min.
Expert team work and coordination are exhibited in a crew race between Harvard and Yale. The Harvard oarsmen are the victors. (8)
Sale: $17.50 Vesco
WATER SPORTS 16mm sd 1 reel
Sailboat racing, aquaplaning and surfboard riding are shown in this film. The skills required for handling each is explained and illustrated. An MGM production for schools only.(8)
Rent: Teaching

WATER SPORTS 16mm sd 1 reel 11 min.
All types of water sports are included in this film. There are yacht racing, sailboats, motor boats, aquaplanes, and surfboard riding. Swimming is also included from the old swimming hole to the ornamental formations under water achieved by experts.(4)
Loan: Atlantic; Venard

THREE RIVERS OF WISCONSIN 16mm si 15 min.
An interesting film showing a canoe trip on the Flambeau, Brule, and Wolf Rivers.(8)
Loan: Wisconsin C

BOWLING

BETTER BOWLING 16mm sd 1 reel
Equipment and champions at work. A Grantland Rice Sportlight.(7)
Rent: Films Inc.

BOWLING ACES 16mm sd 1 reel 11 min.
This is a demonstration of forms, grips, arm and wrist, by Joe Farcaio. There are also some of the famous trick shots, with slow motion showing the techniques.(4)
Loan: Atlantic

BOWLING FUNDAMENTALS 16mm sd 16 min.
The elementary techniques of bowling are demonstrated in this film. All basic fundamentals are included.(8)
Sale: $75 Teaching

BOWLING SKILL 16mm sd 10 min.
This film begins by tracing the history of the sport. Champions of the game are shown in action performing basic shots. One of the stars is Gene Gagliardi. Ted Husing narrates. A Grantland Rice Sportlight for schools only.(8)
Rent: Teaching
SET 'EM UP 16mm sd 10 min.
Professional bowlers illustrate the varied techniques of bowling. Produced by MGM for use in schools only. (8)
Loan: Ohio; Rent: Teaching

BOXING

BOXING 16mm sd 1 reel
The fundamentals of boxing are presented in this film, covering the correct stance, the various types of offensive punches and feints, and proper footwork.
Loan: Atlantic

FAMOUS FIGHTS NO. I 16mm sd 10 min.
Highlights of some of the great fights in boxing history. It includes the Schmeling-Walker, Baer-Doyle, and Leonard-Tenderl matches. Narrated by Bill Stern. (8)
Rent: $1.50 Association; Sale: $17.50 Vesco

FAMOUS FIGHTS NO. II 16mm sd 10 min.
Shows highlights from the following fights: The first Tunney-Dempsey match, Carnera-Schaaf, Tunney, Carpenter, and the Chocolate-Battalino. Bill Stern narrates.
Rent: $1.50 Association; Sale: $17.50 Vesco

FAMOUS FIGHTS NO. III 16mm sd 10 min.
Thrills and action from the following great fights: Louis-Levinsky, Dempsey-Sharkey, Firpo-Brennan, and Ross-Petrolle. Narrated by Bill Stern. (8)
Rent: $1.50 Association; Sale: $17.50 Vesco

FLYING LEATHER 16mm sd 10 min.
This film shows Pennsylvania State students in training for inter-collegiate boxing tournaments. A grantland Rice Sportlight. (8)
Rent: $1.25 Bell; United World Films

FUNDAMENTALS OF BOXING 16mm sd 10 min.
Carl Selbert, Boxing instructor, demonstrates the following techniques: the feint, the block, the counter, and others. (8)
Rent: $1.50 Indiana; Bell
IDOL OF MILLIONS 16mm sd 27 min.
This film portrays the life of the great champion, Jack
Dempsey. Thornton Fisher, sports artist, narrates. (8)
Rent: $4.50 United World Films

INSIDE THE ROPES 16mm sd 10 min.
The boxing styles of the following champions is studied:
Joe Louis, Jack Dempsey, and Gene Tunney. The film compares
the form and punch which was outstanding with each champion.
Narrated by Bill Korum. (8)
Rent: $1.50 Bell; United World Films

JOE LOUIS' GREATEST FIGHTS 16mm sd 4 reels 10 min. each
This series of films gives the highlights of 8 fights.
Joe Louis, heavyweight champion, since 1937 is featured in
each reel. The individual reels follow: (1) Louis and Buddy
Baer, Louis and Simon; (2) Louis and Conn, Louis and Buddy
Baer (second fight); (3) Louis and Godoy, Galento and Baer;
(4) Louis and Max Baer, Armstrong and Ambers. DeVry can be
contacted for rental of only reels 3 and 4. (8)
Rent: $1.50 each Gallagher; DeVry Loan: Reel 2 Employers

MONARCHS OF THE RING NO. 1 16mm sd 1 reel 11 min.
Most of the knockouts in all the championship fights from
Jim Jeffries to Joe Louis are included in this film. (4)
Loan: Atlantic

RING CHAMPS OF YESTER YEAR NO. I 16mm sd 20 min.
The old timers of the era 1907-38 are shown in this film.
Among these is Joe Gans, considered by many the greatest
of them all. Scenes are shown of the Gans-Hunan, Nelson-
Gans, and Burns-Squire, matches. (8)
Rent: $3; Sale: $60 Vesco

RING CHAMPS OF YESTER YEAR NO. II 16mm sd 20 min.
This reel features important fights in the era 1906-12.
It includes the Burns-O'Brien, Johnson-Flynn, matches. (8)
Rent: $3 Vesco; Sale: $60

SARGENT BARNEY ROSS 16mm sd 10 min.
The former welter weight, Barney Ross, is shown in this
film in matches with McLarnin, Garsic and Parette. (8)
Rent: $1.50 Gallagher
SOCK 16mm sd 11 min.
A ring-side seat for everybody at every kind of a fight.
This film shows boxing at its best and worst and funniest,
with plenty of thrills and action. Good clean fun for everyone. (4)
Loan: Venard

DANCING

APACHE INDIANS 16mm sd 10 min. color 1943
Life, ceremonies, and occupations of the Apache tribe.
Includes puberty ceremonial and Devil Dance. (2)
Loan: Ohio; Rent: Coronet, Indiana

AT LAND 16mm si 15 min. 1945
A dance film conceived and directed by Maya Deren with
technical assistance given by Hella Hamon and Alexander
Hamid. (2)
Rent: Bell

DANCE FESTIVAL 16mm sd 1 reel
Dances and songs of Soviet Russia's National minorities. (7)
Rent: Bell; Visual A

DANCES OF THE SOUTHWEST INDIANS 16mm si 1 reel
Includes buffalo, hoop, deer, eagle, and intertribal
ceremonial dances. (9)
Rent: 50¢ American M

DANCES OF THE NATIONS 16mm sd 10 min.
Characteristic dances of Spain, Russia, Holland, and the
Argentine, are presented. (2)
Rent: $1.50 Bell

FIRE AND WATER 16mm sd 10 min. color
Fiestas and carnival in Taxco, Almoloya del Rio, Mexico. (9)
Rent: 50¢ Pan American

FOLK DANCES 16mm sd 10 min. 1942
This film offers a fast moving and attractively set series
of folk dances of the U.S.S.R. Dynamic movements of dancers
in Russian costumes are shown. (2)
Rent: $2 Bell

INDIAN DANCES OF THE SOUTHWEST 16mm si 15 min. color 1941
Rent: Visual E (9)
LAMENTATION 16mm sd si color 1 reel
This film offers a study of Martha Graham in various forms
in interpretive dance.(7)
Rent: Association

LITTLE BROWN GIRL 16mm sd 1 reel 1940
Hawaiian girl tells story of meaning of the hula dance.(9)
Rent: $1.25 Bell; Visual E

NORWEGIAN FOLK DANCES 16mm sd color 11 min.
It features distinctive dance routines of Norway as handed
down from generation to generation. They are presented by
a folk-dance group sponsored by the fraternal order of Sons
of Norway.(2)
Rent: Bell

ON PARADE 16mm sd 1 reel
A study of acrobatic and tap dancing routines by juvenile
talent.(7)
Rent: Nu-Art

ON WITH THE DANCE 16mm 10 min.
Folk dances are prominent the world over. We watch the
peoples of Europe, Asia, Africa and America as they perform
the quaint, but characteristic dances that have been handed
down to them from generation to generation.(1)
Rent: Bell

PARIS OPERA BALLET 16mm sd 5 min.
Begins behind the scenes as performers prepare for the ballet.
Shows the performance with Serge Lifor as premier danseur.(5)
Rent: $1.25 Indiana; Bell

PROMENADE ALL-WESTERN SQUARE DANCING 16mm sd
The first of a series of pictures on folk dancing, this
film is devoted to the western square dance and includes
eighteen or more different figures of popular and exhibition
squares.(2)
Rent: $1.50 Bell

RHYTHMS FROM CUBA 16mm sd 1 reel
La Playa orchestra plays rhyhmbs and congas.(7)
Rent: Bell

SKY DANCERS OF PAPANTLA, MEXICO. 16mm sd color 10 min.
The voladores, traditional fiesta and dance.(9)
Rent: Pan American
SPANISH RHYTHM 16mm sd 9 min.
A medley of Spanish dances including the "Dance of the Capes" and "Bolero", interspersed with vocal by Mildred Costello. (1)
Rent: $1.50 Bell

SQUARE DANCE MEDLEY 16mm sd 10 min. 1947
For lovers of the old fashioned square dance. Features such old favorites as: The Lady Around the Lady, Duck for the Oyster, Dig for the Clam, and Hinky Dinky Parley Vous. (2)
Loan: Official

SWINGUET 16mm sd 10 min.
New sprightly group dances - Swinguet, Swedish Hop, Merry go Round, and Hokey Pokey, based on old nursery game and featuring Arthur Murray Ballroom Group, are shown in this film. (1)
Rent: $1.50 Bell

THE WORLD DANCES 16mm sd 10 min.
Shows typical dances from Spain, Africa, Japan, Hawaii, Ceylon, Scotland and U. S. A. (1)
Rent: $1.25 Bell

THREE DANCES FROM VIENNA 16mm sd 10 min.
Greta Wiesenthal and her troups offer three numbers: (1) The Opera Ballet, a simple triangle-tale told by dancing; (2) The dance of social significance in white; (3) The waltz, the dance of democracy, wins away the followers of the older dance of aristocracy. Music only, no narrative. (5)
Rent: 50¢ Indiana; Bell

UKRAINIAN DANCE 16mm sd
Colorful music and dances are performed by the Ukrainian Canadians of Manitoba. It shows the traditional pageantry, costumes, and dancing as preserved and revived by both men and women. (5)
Rent: $3.50 Indiana

FENCING

SPORT OF FENCING 16mm sd 1 reel
This film presents many of America's Olympic champions in action. They demonstrate the use of various weapons. (7)
Rent: Eastman
TECHNIQUE OF FOIL FENCING 16mm sd 15 min.
Helene Mayer, Olympic champion, demonstrates the classic movements of offense and defense. Instruction is given in the positions, thrusts, parrie, and lunges that make up the art of fencing. Various methods of attack are demonstrated.(1)
Rent: $1 Bell; United World Films

FIELD HOCKEY

FIELD HOCKEY 16mm sd 10 min. color
This is an instructional film on field hockey produced by the Women's Physical Education Department at Whittier College, California. Animated diagrams of plays and slow motion studies of action are used.(8)
Sale: $75 Bike; Non-color $45 Academy

HOCKEY FOR BEGINNERS 16mm sd si 8 min. 1942
Elizabeth Evans, English hockey coach, demonstrates fundamental techniques of the game. Close ups are shown of grip and wrist action.(1)
Rent: $1 Bell

NATIONAL TOURNAMENT AND TECHNIQUES 1941 16mm si color
Highlights of the 1941 tournament are shown. Techniques used in playing good field hockey are demonstrated.(8)
Rent: $3.50 United States FH

TACTICS IN DEFENSIVE AND OFFENSIVE PLAY 16mm si color
This film presents first diagramming in actual play. Both offensive and defensive diagrams and plays are shown. Triangle passes are also included.(8)
Rent: $3.50 United States FH

TECHNIQUE OF STROKES 16mm si 18 min. 1940
Technique of some team play formations and a series of strokes by Anne Townsend are pictured. Group practice in the demonstrated strokes is included in this film.(3)
Rent: United States FH

FOOTBALL

ABC'S OF FOOTBALL 16mm sd 2 reels 22 min.
This film shows some of the techniques used in the fundamentals of the game.(4)
Loan: Atlantic
BALL HANDLING IN FOOTBALL. 16mm sd 11 min.
This film shows clearly the stance, grip, feel and control in ball handling. It also shows tricks of body adjustment used before kicking, passing, and receiving. Close ups, slow motion, and game shots are used to clarify teaching.
Rent: $2 Indiana; Sale: $45 Encyclopedia

BLOCKING IN FOOTBALL. 16 mm sd 11 min.
Demonstrations are given of two basic blocks, the body and the shoulder. Blocks of various kinds are analyzed to emphasize such fundamentals as drive, speed, position and follow through. Close ups and slow motion are used. Norman Spear, director. Andy Kerr, supervisor. Ken Carpenter, narrator. (8)
Rent: $2 Indiana; Sale: $45 Encyclopedia

CHAMPIONS. 16mm color 28 min. sd
This film is of a championship game of 1945 between the Cleveland Rams and the Greenbay Packers. The game is won by the Rams when Bob Waterfield sparks a fourth quarter rally. Clair Stone narrates. (8)
Rent: $15 per day Gallagher

CHAMPIONS OF THE GRIDIRON. 16mm sd 50 min.
Fundamentals of the game as practiced by the pro stars are shown here. Highlights of action in the all star game and other outstanding contests of the 1939 season are filmed. (8)
Loan: General Mills

CONTROLLED KICKING. 16mm sd 1 reel
LeRoy Mills gives expert instruction on the technique and fundamentals of punting. (8)
Rent: $1.50 DeVry

DECEPTION. 16mm sd 10 min.
This film consists of demonstrations in the art of football sleight of hand as shown by half a dozen outstanding football coaches. Scenes from outstanding games are included. Howard Jones, formerly of USC, is the narrator. (8)
Rent: $2 Nu-Art

FOOTBALL BY KNUTE ROCKNE. 16mm sd 6 reels 10 min. each
Produced and directed by the immortal Knute Rockne, Notre Dame's legendary coach. These films illustrate the fundamental strategies and techniques which he employed on the gridiron. The reels are: The Last Yard, The Hidden Ball, Touchdown, The Backfield Ace, Two Minutes to Go, and Flying Feet. (8)
Rent: $1.50 each Vesco; Sale: $17.50 each
FOOTBALL FOR THE FANS 16mm si 6 reels 10 min. each
Coach Howard Jones presents outstanding football coaches
who tell their special tactics and techniques as their teams
illustrate the plays described. First in practice and then
in actual competition. Highlights of many big games are
included. The individual reels comprise, Spring Training,
Wedge Play, Forward Pass, Penalties and Touchdowns.(1)
Rent: $1.50 each Bell

FOOTBALL HIGHLIGHTS OF 1942 16mm sd 1 reel 20 min.
The title is self explanatory. The film covers plays from
many of the big games of 1942.(4)
Loan: Atlantic

FOOTBALL PARADE OF 1944 16mm sd si 1 reel
Major college games of the season of 1944 are shown.(7)
Rent: Ideal

FOOTBALL PARADE OF 1945 16mm sd si
Highlights of the outstanding games of the season. Included
are: tilts between Notre Dame-Illinois, Michigan-Ohio State,
USC-Washington, and Navy-Notre Dame.(6)
Rent: $1.50 Gallagher; Sale: (sd)$17.50, (si)$8.75 Castle

FOOTBALL PARADE OF 1946 16mm sd si 10 min.
This film shows the highlights of the 1946 football season
including parts of all big games. Scenes of play are taken
from games between Army-Navy, Yale-Harvard, Stanford-California,
Notre Dame-Iowa, Illinois-Pittsburgh, and others.(4)
Loan: Venard

FOOTBALL THRILLS OF 1942 16mm sd 1 reel
Close ups are shown of the highlights and the outstanding
game of the 1942 gridiron season.(8)
Rent: $1.50 DeVry

FOOTBALL THRILLS OF 1943 16mm sd 1 reel
A review of the 1943 football season including such games as:
Yale-Princeton, Notre Dame-Northwestern, and others.(4)
Loan: Atlantic

FOOTBALL THRILLS OF 1945 16mm sd 1 reel
This film shows part of the games of the best football teams
of 1945.(4)
Loan: Employers
FOOTBALL UP TO DATE 16mm sd 30 min.
This film transposes written rules to the screen. Complex and controversial points are emphasized and explained. Produced under the authority of the National Federation of State High School Athletic Association.(8)
Rent: 50¢ Indiana; Association; State

DEFENSIVE FOOTBALL 16mm sd 10 min.
Defensive tactics are shown in operation by some of the nation's leading teams. Such plays as the mouse trap and flying trapeze are discussed and demonstrated. Slow motion and animated sequences aid in teaching these defensive passes.
Ken Carpenter narrates.(8)
Rent: Official; Bailey

FLYING FEET 16mm sd 1 reel
A film in which Rockne football is demonstrated thoroughly.(4)
Loan: Venard

FOOTBALL 16mm sd 5 reels
1. Training: this reel illustrates the importance of physical condition, diet, drills and fundamentals.
2. Group work: Correct form in blocking, tackling, ball carrying.
3. Passing: This reel shows today's greatest passes in action.
4. Kicking: A study in the techniques used by several stars.
5. Plays: Famous teams and players execute good plays.(6)
Loan: Ohio; Bell

FOOTBALL 16mm sd 4 reels
Dana X. Bible, famous coach of Texas University, directed this series of reels which feature passing, running, kicking, and defense. Slow motion shots and animated diagrams are used.(8)
Rent: $3 each, $10 all Association

FOOTBALL BY THE CODE 16mm sd 30 min.
This film describes play situations which explain complex rules. An excellent aid for officials, coaches and players. Produced under the authority of the National Federation of State High School Athletic Association.(8)
Rent: Association; State

FOOTBALL CLASSIC, A 16mm sd 1 reel color
This is a film recording of the great 1946 Army-Navy game which found the Cadets who were undefeated, nosing out front their rivals in a thrilling battle. It shows the three time All-American Doc Blanchard and Glen Davis in action. Narration is by Bill Slater.(8)
Sale: $75 Hawley; News Reel
FOOTBALL GIANTS 16mm sd 10 min.
The New York Giants pro team is shown in action. Slow motion shots analyze drop kicking, place kicking and blocking. Similar studies include fake passes, spinners, and limbering up exercises. Produced by Columbia for schools only.(8)
Rent: Teaching

FOOTBALL GRID RULES 16mm sd 1 reel
A referee explains why rules are necessary. This is shown by going back through football history to bring out the fact that various rules were made to meet an ever changing need in the game. It begins with the Yale-Harvard game in the 90's and progresses to the present day rules.(8)
Loan: Ohio

FORWARD PASS 16mm sd 10 min.
Outstanding coaches demonstrate their methods of teaching the forward pass. Good scenes of college play with slow motion are used. The film is narrated by Howard Jones. Coaches Gus Dorais, Mal Stevens, Harvey Harman and Al Whitmer collaborated with him.(8)
Rent: $2 Nu-Art, Bell; Sale: $24 Nu-Art

GAME OF GAMES, THE 16mm sd 2 reels
A picture summary of the 1946 Army-Navy game played in Philadelphia. The West Point Cadets stayed off the last second rally by the Navy to win 21-18. By winning, the Cadets stretched their winning streak to 28 games.(8)
Rent: $2.50 American F

GOALS FOR GOLD AND GLORY 16mm sd 10 min.
Modern football is analyzed by Bill Corum, noted sports columnist and reporter. Distinction is made between the amateur collegiate game and the professional game.(8)
Rent: $1.50 DeVry

GRIDIRON PARADE OF 1945 16mm sd 2 reels
The highlights of the 1945 football season are presented, showing plays of the important games.(4)
Loan: Atlantic

HOLD THAT LINE 16mm sd 8 min.
This film shows the development of football from the ancient Greek games to the modern times. Thornton Fisher introduces such stars as Mel Hine, and Ken Strong. A difference is also portrayed between collegiate and pro football.(8)
Rent: 50¢ Bell; Sale: $30 Skibo
INSIDE FOOTBALL  16mm  sd  2 reels  color
Ken Strong of the New York Giants demonstrates the kick off, the punt, quick kick, and the place kick. Sammy Baugh of Washington Red Skins and Sid Luckman of the Chicago Bears, demonstrate passing. Don Hudson of the Greenbay Packers teaches how to catch passes. Kit Gladchuck of the New York Giants shows how a center snaps the ball.(4)
Loan: Spaulding

KICKING  16mm  sd  10 min.
Discussions and demonstrations of the various techniques of kicking are displayed by famous coaches Harry Kipkey, Wallace Wade, Lou Little, and Bill Ingram. Slow motion is and scenes from college games are shown. Howard Jones of USC is the narrator.(8)
Rent: $2 Nu-Art; Sale: $24

KNOW YOUR FOOTBALL  16mm  sd  1 reel
The New York Football Giants and Dr. Mal Stevens, their coach, are featured in this film which shows the inside of modern professional football. Comments are made on spinners, reverses, end sweeps, line plunges and passes, as they are demonstrated by the film.(4)
Loan: Atlantic

MODERN FOOTBALL FUNDAMENTALS  16mm  si  2 reels
Techniques and drills representing the most modern coaching practice are filmed for instructional use. Body movements are analyzed in these camera studies.(7)
Loan: Ohio; Rent: Eastman

OFFENSIVE FOOTBALL  16mm  sd  10 min.
Scoring tactics in football are explained by action scenes and diagrams. Much stress is placed on passing such as, forward pass, the shuffle, the spot, the optional, the overhead forward and the statue of liberty. Slow motion studies are used. Ken Carpenter narrates.(8)
Rent: Official; Bailey

PACKER-BEAR GAME  16mm  sd  6 min.
This is a film record with action scenes from the great Greenbay Packer-Chicago Bear professional game played at Greenbay, Wisconsin.(8)
Rent: $1.50 Gallagher
PACKERS VS CHICAGO BEARS 16mm si 4 reels color
Sid Luckman directs the T formation for the Chicago Bears in their 1945 game against the Green Bay Packers.(8)
Rent: $7.50 Gallagher

PACKERS VS CHICAGO CARDINALS 16mm si color 4 reels
Photograph lens with long range telephoto lens. Don Hutson one of the greatest football ends of all times leads the Packers to victory over the Chicago Cardinals in 1945.(8)
Rent: $7.50 Gallagher

PACKER-GIANT CHAMPIONSHIP GAME 16mm sd 8 min.
The Green Bay Packers coached by Curly Lambeau win their sixth National Professional Football League Championship by defeating the New York Giants 14-7 in a great contest.(8)
Rent: $1.50 Gallagher

PACKER HI-LIGHTS OF 1946 16mm sd color
This film is a round up of Green Bay Packer football during the 1946 season to be released in the Spring of 1947. With narrations by Clarke Hinkle, the former All American Packer and fullback.(8)
Rent: Gallagher

PENALTIES 16mm sd 10 min.
Coaches Al Whittmer, Walter Stephan, Bill Spaulding and Sam Willaman, collaborated with the narrator Howard Jones of USC in making this film. It emphasizes penalties or "how-to-play-it".(8)
Rent: $2 Nu-Art, Sale: $24

PIG SKIN CHAMPIONS 16mm sd 10 min.
This film gives a series of routine plays, kicking and exercising, as demonstrated by the Green Bay Packers. Many informative details on football are presented. Slow motion is used widely. An MGM production for use by schools only.(8)
Rent: Teaching

PIG SKIN PROGRESS 16mm sd 1 reel
Football is presented in this film from the historical angle. The evolution of the game beginning with the first game in 1869 between Rutgers and Princeton is brought up to date.(8)
Rent: DeVry
POST GRADUATE SCHOOL OF FOOTBALL 16mm si
This film contains 5 reels of instructional football
designed especially for use by coaches. The titles are:
Training, Group work, Forward passing and receiving, and
Plays. Directed by Earl Clarke and edited by Hartley
(Hunk) Anderson.(8)
Rent: $1.50 each United World Films

RAM HIGHLIGHTS 16mm sd 28 min.
Scenes from the Ram's 1946 seasonal play. Actional
pictures are shown of such outstanding players as Tommy
Harmon, ex Michigan All-American and Bob Waterfield,
outstanding T formation quarter back. Available for
California distribution only.(8)
Loan: Los Angeles

SIX MAN FOOTBALL 16mm si 2 reels
Kentucky State Championship game is shown in this film.(7)
Rent: Davis

SPRING TRAINING 16mm sd 10 min.
Such famous coaches as Alonzo Stagg, Jock Southerland, Ray
Morrison and Chick Meehan illustrate through this film
the purposes of spring training. Howard Jones is the narrator.(8)
Rent: $2 Nu-Art; Sale: $24

TACKLING IN FOOTBALL 16mm sd 11 min.
The various fundamentals of tackling are explained in this
film. Stress is placed on timing, body control, and drive.
Two fundamental types of tackle, the shoulder, and the cross
body are illustrated. Norman Spear is the director. Andy
Kerr of Colgate is the supervisor.(8)
Rent: $2 Institute; Sale: $45 Encyclopedia

TOMORROW'S HALFBACKS 16mm sd 1 reel
Doolittle, famous Columbia coach, gives instruction in
football plays and fundamental techniques to a youngster
who is being initiated into the game. A Bill Korum Sport Short.(8)
Rent: $1.50 DeVry

TOUCHDOWN 16mm sd 1 reel
This film opens with Knute Rockne talking to his boys, and
as he describes them various plays are illustrated, among
the plays shown are the ace in the hole, the short pass,
"cut back inside tackle", "the spinner play" and "the wedge".(4)
Loan: Venard
TOUCHDOWN 16mm sd 1 reel
Football as played this season or any season. It shows techniques which are practiced by outstanding coaches all over the country. Slow motion shots are used to show the correct execution of plays.(8)
Sale: $21 Pictorial

TOUCHDOWN THRILLS OF 1945 16mm sd 10 min.
Highlights from the big games of 1945. Included are the Army-Navy, Notre Dame-Illinois, Navy-Duke, Alabama-Tennessee, Purdue-Ohio State, Michigan-Ohio State. Such stars as Glen Davis, Doc Blanchard and Harry Gilmore are shown in action.(8)
Rent: Official; Bailey

TOUCHDOWN THRILLS OF 1946 16mm sd 10 min.
A review of the outstanding games of the 1946 season. It shows football again attaining its pre-war frenzy.(8)
Rent: Official; Bailey

TWO GAME FOOTBALL 16mm sd 20 min.
Highlights are shown of the 1944 championship play offs for professional football. The games shown are the New York Giants and the Chicago Bears, The Greenbay Packers and the Chicago Bears.(8)
Loan: Wilson

UNIVERSITY OF PENNSYLVANIA FOOTBALL 16mm sd 12 min.
A film record which shows the outstanding plays of various games on the schedule of the Pennsylvania Quakers.(8)
Rent: $2 Pennsylvania

WEDGE PLAY 16mm sd 10 min.
This historical play is described and analyzed by the famous coaches, Tad Jones, Dick Hanley, and Bill Mundy. The late Howard Jones is the narrator.(8)
Rent: $2 Nu-Art

WEST POINT CHAMPIONSHIP FOOTBALL 16mm sd 6 reels 10 min. each
The West Point machine will go down as one of the most outstanding teams of all times. The reels of this series are as follows: Introduction, Fundamentals of offense, Single and double wing formations, Fundamentals of defense, Punt formations and T formations. Such all Americans as Glen Davis, Doc Blanchard and Johnny Green demonstrate passing, plunging, blocking, tackling, and other fundamentals. Produced in cooperation with West Point officials and notable experts. Narrated by Bill Slater.(8)
Rent: $12.50 per day, $25 per week Association; Sale:$150
WHY KICK 16mm sd 1 reel
This film in full color shows the importance of controlled kicking in football. Various kicks, such as the end-over-end, spiral and drop kick are demonstrated.
Loan: Atlantic

GOLF

BROTHER GOLFERS 16mm sd sl 10 min.
The six Turnesa, a group of golfing experts, demonstrate their skill on the fairways in Bermuda. (8)
Rent: $1.50 Gallagher; Sale: $21.00(sd), $10.50(sl) Pictorial

DUFFER'S SWING 16mm sd 10 min.
A Johnny Farrell golf instruction film for golfers who want to hit the ball farther and straighter. The first in his series. (8)
Rent: $1.50 Bell; United World Films

FOLLOW THROUGH 16mm sd 1 reel 10 min.
The right and the wrong way to hit a golf ball is shown in this film, with some interesting professional trick shots. Emphasis on driving, approach, and putting. (4)
Loan: Atlantic; Venard

FORE 16mm sd 10 min.
The second of the Johnny Farrell golf series. This film is designed to improve the golfing students game on the fairway. (8)
Loan: $1.50 United World Films

GETTING ON THE GREEN 16mm sd 10 min.
The sixth of the Johnny Farrell series. This picture includes driving on the fairway and all other shots taken until the green is reached. (8)
Rent: $1.50 United World Films

GOLF MISTAKES 16mm sd 10 min.
The right and the wrong way to play golf. The leading exponents who demonstrate the right way are Lawson Little, Jimmy Thompson, Harry Cooper and Horton Smith. An MGM production for use by schools only. (8)
Loan: Ohio; Rent: Association, Teaching
GOLF SLAPPY 16mm sd 10 min.
A well known comedian puts on a comic exhibition of golf.(8)
Sale: $25 Hollywood

GOOD GOLF 16mm sd 35 min. 1940
Some of the world's greatest golfers demonstrate shot making in golf. Golfers who take part in this film are Ralph Guldahl, Johnny Revolta, Gene Sarazen, Sammy Snead, Opal Hall and Helen Hicks.(8)
Rent: $1 Bell; United World Films

HAPPY GOLF 16mm sd 8 min.
This film shows the value of golf as a leisure time activity. Alex Morrison demonstrates shots put to music. He also gives hints on how to improve your game.(8)
Rent: $1 Wisconsin U

HARRY COOPER'S GOLF TIPS NO. 1 & 2 16mm si 16 min. each 1938
The first reel is a picture demonstration of the uses of and method of using the driver, the spoon, the driving iron and the brassie. Reel two deals with the mid-iron, the mashie, the mid-mashie and the mashie iron.(8)
Rent: $1 each Bell; United World Films

HARRY COOPER'S GOLF TIPS NO. 3 16mm si 10 min. 1938
This film is a complete study of the following clubs: the putter, the niblick, the mashie niblick, the putting cleek, and the spade mashie.(8)
Rent: $1 Bell; United World Films

HOW I PLAY GOLF 16mm sd 12 reels
Bobby Jones demonstrates and discusses golf technique in this series of films. Each reel covers a particular aspect of the game.(7)
Rent: Tennessee

IN THE ROUGH 16mm sd 10 min.
This is the fourth in the Johnny Farrell golf series. It gives a demonstration of the skill and technique required to get out of the rough.(8)
Rent: $1.50 Bell; United World Films

FOE NOVAK TEACHES GOLF 16mm si 15 min.
Joe Novak, professional golfer, gives the beginner some valuable instruction on how to play the game.(8)
Rent: $1 Bell; United World Films
KEY STONE OF GOLF 16mm sd 3 reels 1938
This film covers the fundamentals of golf in slow motion. It is a teaching film for high school and college coaches and their squads.(4)
Loan: Spalding

PINEHURST 16mm sd si 10 min.
Some of the county's best golfers are shown in tournament play at North Carolina's club, Pinehurst. These outstanding golfers include, Byron Nelson, Bobby Jones, Johnny Revolta, and Vic Ghezzi. Closeup shots of difficult plays are shown.(8)
Sale: $21(sd), $10.50(si); Pictorial

ROUGH BUT HOPEFUL 16 mm. sd 9 min. color
This film was taken during the movie golf tournament at the Hollywood country club. These is no emphasis on the technical side. It shows such film stars as Bob Hope, Bing Crosby, Red Skelton, Wayne Morris, Mickey Rooney, Jack Carson, and Don Ameche.(8)
Sale: $60 Bike; Rent: $25 Courneya

SAVING STROKES WITH SAM SNEAD 16mm sd 10 min.
The 1942 PGA champ uses the driver, the irons and the brassie as he gets out of impossible play situations. Slow motion is used to clarify instruction. A Columbia production for schools only.(8)
Loan: Chic; Wilson

SLAMMING SAMMY SNEAD 16mm sd 12 min.
One of the most outstanding golfers in the United States displays the technique that has won him a large number of trophies as well as prize money in golf tournaments.(8)
Loan: Wilson

SMOOTH APPROACH 16mm sd 1 reel 11 min.
Ed Dudley, Dick Metz, Jimmy Thompson and Horton Smith team up to show how simple this game of golf can be.(4)
Loan: Atlantic

TEE UP WITH PATTY BERG 16mm sd 12 min.
This film shows one of the great woman golfers of all times. She demonstrates her skill in driving, in putting, and in approach shots. Very instructional.(8)
Loan: Wilson
THE TWENTIETH ANNUAL LA OPEN GOLF TOURNAMENT 16mm sd 1 reel color
Byron Nelson, perhaps the greatest golfer of all times, is shown in this tournament in which he wins top honors from the outstanding golfers of the nation.(8)
Sale: Bike

UNDER PAR 16mm sd 10 min.
This is the fifth in the Johnny Farrell Golf instruction series. Hints are given on how to lower your score and thereby turn in a better card.(8)
Rent: $1.50 Bell; United World Films

WINNING PUTT 16mm sd 10 min.
This is the third in the Johnny Farrell golf series. Its contents show most important item of the golfer's makeup, sinking the last shot.(8)
Rent: $1.50 United World Films

GYMNASTICS

BROOMSTICK GYMNASIUM 16mm sd 15 min.
A demonstration put on by three senior Boy Scouts who perform a series of exercises with broomstick-size dowels.(8)
Rent: Boy Scouts; Association  Sale: $42.50 Boy Scouts

CADET CHAMPIONS 16mm sd 1 reel
West Point cadets demonstrate activities in the gymnasium, use of India clubs, horses, parallel bars, fencing, group shadow boxing, cross country riding, and lacrosse. The army football team is also seen in action.(6)
Loan: Ohio

GYMNASTICS 16mm sd 10 min.
The national AAU champions are shown in this film. They use the flying rings, the horizontal bar, and the longhorse. Various methods of chinning and tumbling are illustrated by the use of slow motion. An MGM production for use by schools only.(8)
Rent: Association

HAPPY FEET 16mm sd 1 reel
This film gives a full demonstration of acrobatic work. It offers a good opportunity to study footwork.(8)
Rent: $1.50 DeVry
SIMPLE STUNTS 16mm sd 10 min. color
Describes activities for boys and girls from the inter-
mediate to the junior high grades. It includes stunts
for strength, skill, and with the use of sticks. Safety
is emphasized.(2)
Rent: Illinois

SLIM FIGURING 16mm sd 10 min.
This film features women in athletics. It shows the
rigorous training demanded of both dancers and gymnasts.(5)
Rent: $1.50 United World Films; Sale: $27

THE SOPIA GIRLS 16mm sd 11 min.
The Sofia girls are members of a physical education school
in Stockholm, Sweden. This school is famous throughout
the world for its gymnastics, and rhythmic exercises. This
film includes a demonstration by them similar to the one
put on at the World's Fair at New York.(8)
Rent: $1 Films

THE SOKOLS 16mm sd 10 min.
Pictured in this film is the 1938 Sokol Festival held in
Prague, Czechoslovakia. It is an annual gymnastic celebration
and is held in the large Sokol Stadium.(8)
Rent: $1 Films

HIKING AND CAMPING

ACTION IN IDAHO 16mm si 3 reels
The pictorial record of a sixteen day pack-horse and
fishing trip is presented here, which extends into the
Idaho Primitive area.(4)
Rent: South Bend

EXEMANSHIP 16mm sd 1 reel 11 min.
Peter McLaren who has held world records for chopping in
England, Australia, and the United States, demonstrates
the proper use of a double bit axe.(10)
Rent: Sale: Boy Scouts

CAMPING EDUCATION 16mm sd 2 reels
A March of Time film describes the training program at
the National Camp for Professional Leadership. It will
stimulate discussion and furnish new ideas for camping
activities.(8)
Rent: $3 Association
CAMPING WITH THE TROOP 16mm sd 10 min.
Scenes include fall, winter, and spring hikes. Describes
the careful preparation needed by a troop going to summer
camp. (10)
Rent or Sale: Boy Scouts

CANOE COUNTRY 16mm sd 12 min. color
Picturesque scenes of Wisconsin rivers in the fall.
Includes suggestions for camping and outdoor cooking. (8)
Loan: Wisconsin C

CONSERVATION ACTIVITIES, 4H CLUB 16mm sd 1 reel
This film shows camps, hikes, and various other projects
in conservation put on by the 4H club. (8)
Loan: Michigan (out of state loan in June, July, August only)

HIKING ON TOP OF THE WORLD 16mm sd 1 reel color
Sky Line Trail Hikers' activities around their main
camp at Sunshine Lodge, hiking of the trail to Simpson
Plateau and fishing at Larix Lake are all shown in full
color in this motion picture. (4)
Rent: Canadian

MAKING A PACK BASKET 16mm sd color
"Pop" Williams, a former Maine guide, demonstrates the
technique of this skill. "Pop" begins with the actual
cutting down of a black ash tree, stripping it out, and step
by step develops the preparation procedure to complete
a basket. (9)
Rent or Sale: Boy Scouts

ON THE TRAIL 16mm sd
Pictures of a pack trip vacation in the Rockies including
camping and an exciting hunting trip. (8)
Rent: Bailey

THE SCOUT IN THE FOREST 16mm sd 26 min.
This subject should be used with farmer group. It is
suggested that a forester be present when film is used and
have planting tools, fire fighting tools and seedlings
on display. (9)
Rent or Sale: Boy Scouts
TRAILS OF CAMP MANATOC 16mm sd 12 min.
This film shows the activities of boy scouts at a camp
near Akron, Ohio. (8)
Rent: Goodyear

WINTER CAMPING 16mm sd 2 reels 22 min.
Produced in snow country, but its techniques are designed
for any cold weather camping. Shows hiking with pack,
selecting camp site and cooking. (10)
Rent or Sale: Boy Scouts

YOUTH HOSTELING IN AMERICA 16mm sd 21 min.
Beautifully photographed story, in Kodachrome, of one
of the most important youth movements in this country.
The principles of the movement are discussed at a
national leadership conference. (1)
Rent: Bell

HORSESHOES

HORSESHOES 16mm sd 10 min.
The sport of horseshoe pitching is described and demonstrated
by Ted Allen, the world's champion. The action shows him
tossing ringers with precision and accuracy. A Grantland
Rice Sportlight for use by schools only. (8)
Rent: Ohio; Rent: Teaching

LA CROSSE

LA CROSSE FOR WOMEN 16mm si 30 min.
Made under the auspices of the All England Ladies La Crosse
Association. It shows a game of La Crosse being played and
also gives some analysis of the techniques employed in the
sport. (3)
Rent: $3 United States WL
PHYSICAL FITNESS

BLOW, BUGLE, BLOW 16mm sd 10 min.
The crack Legion drum and bugle corps demonstrates the various march formations necessary to win a championship.(1)
Rent: $1.25 Bell

CAN YOU TAKE IT 16mm sd 28 min.
This film illustrates the activities in various competitive sections of the physical fitness program in New York communities. The sections included are dual and combative activities, gymnastics, swimming, team sports, track and field, tumbling and the use of the obstacle course.(8)
Loan: Bell

CLOSE ORDER DRILL 16mm sd 25 min. each, 2 reels
The Navy training film to teach marching and movement to the individual and the squad.(Reel I) This is followed by a similar film to teach marching to a platoon or company.(Reel II). (1)
Loan: Ohio; Rent: $2.00 Bell

FIT TO WIN 16mm sd 10 min.
In this film a great variety of athletic champions perform conditioning exercises in an attempt to prove that the body fitness is something to be strived for and gained with effort. A Columbia production for schools only.(8)
Loan: Ohio; Rent: Teaching

MEN OF MUSCLE 16mm sd 10 min.
This is a valuable film for physical directors. It shows the students at Springfield College as they go through their paces in various athletic activities on the playing field and in the gymnasium.(8)
Loan: Association

PHYSICAL FITNESS PROGRAM 16mm sd 25 min. 1944
A United States Navy produced film showing some of the exercises given the naval trainees. It also correlates their value with the various duties they will be called upon to perform aboard ship.(3)
Rent: $1.50 Bell, Indiana; Loan: Ohio
PHYSICAL TRAINING IN SWEDEN 16mm sd 11 min.
Boy and girl scouts of Sweden are shown in this film performing the rhythmic gymnastic exercises of the noted Ling system of physical training.(8)
Rent: Films; International

SPORT STAMINA 16mm sd 1 reel
Highlights of Marathon races, six day bicycle races, roller skating, hockey, football, basketball and the great Kansas miler, Glenn Cunningham, are shown. Stress is placed upon the fact that body aches do not deter to athletes.(8)
Rent: $1.50 Association

STAMINA 16mm si 15 min.
Grantland Rice emphasizes the importance of having that extra endurance necessary to produce champions. The extra endurance is generally stamina, or the ability to take it over a long period of time at high speed.(8)
Rent: $1 United World Films

SURVIVAL OF THE FITTEST 16mm sd 20 min.
A United States Army Air Force film showing the conditioning of Air Force personnel with calisthenics and games.(8)
Rent: Wisconsin U

RECREATIONAL GAMES

ACTION 16mm sd 8 min.
Some of the games and recreational activities that provide training and exercise in the discipline, strength, and alertness required in wartime. Shows the carry-over value into one’s occupation and emphasizes the need for organized recreational programs.(5)
Rent: $1.10 Indiana

AFTER WORK 16mm sd 10 min. 1945
This film shows after work recreational activities available to workers in Canada. Such activities as bowling, dancing, sewing, sketching and swimming are pictured. A definite contribution to intelligent use of leisure time.(8)
Rent: $1.25 National F; Sale: $25 Bike
EVERYONE A WINNER 35mm
Shows the value of competitive sports in giving people
the greatest benefit from recreation. (8)
Rent: $5 for 10 days Zurich; Sale: $20

HEALTH AND RECREATION 16mm sd 1 reel
Scenic and recreation activities in Saskatchewan's great
natural playground around Waskesiu Lake. Shows canoeing,
bathing, camping, dancing, surfboard riding, tennis and
golf. (6)
Loan: Ohio

IN EVERY DAY 16mm sd 10 min.
This picture emphasizes the health habits, hobbies, and
correct attitude in both work and play as shown from the
life of a typical American boy. (8)
Rent: $1.50 DeVry

JUNIOR CLUB 16mm sd 10 min.
This film discusses the recreation needs of the youth of
today in after school yours. It includes pictured suggestions
for community aid. (8)
Loan: Princeton

LESSONS IN LIVING 16mm sd 22 min.
Illustrations are given to show how school projects can
furnish recreation for children. In this film children
learn to paint furniture, use tools, make window curtains,
and perform other recreational activities. (8)
Rent: $2.50 National F; Sale: $40

MAKE THE MOST OF PLAY TIME 16mm sd 30 min.
A sports program and physical education program are
combined to keep the youth engaged in wholesome activities.
It helps to develop interest in recreation programs. (8)
Loan: American Legion

ONE THOUSAND DOLLARS FOR RECREATION 16mm sd 12 min. color
This picture stresses the importance of long range
thinking about community recreation. It demonstrates the
reasons for tax supported programs and shows their advantages
over private support. It is especially designed for showing
to school boards, park boards, and fraternal organizations. (8)
Rent: $1 Association; Sale: $71.50
PLAY IS OUR BUSINESS 16mm sd 18 min.
Constrains rural life with crowded city play life. Shows how children may experiment basic drives - pirates, music, painting - shows how children build in school things observed on field trips. (5)
Rent: $2 Indiana

PLAY MATERIALS IN THE ELEMENTARY SCHOOLS 16mm si 23 min.
This picture is filmed at the Riley Elementary School in Muncie, Indiana. The children are shown in an experimental course, "Play in Education". The film shows the children's reaction to supplementary materials. (8)
Rent: $2 Ball

PLAY'S THE THING 16mm si 15 min.
An instructive film to show how useful, inexpensive and safe play things can be made at home. It also shows the use of various types of play equipment. (8)
Loan: Childrens B

PLAYTOWN, U.S.A. 16mm sd color
A colorful and entertaining story of what one individual in a community can do who sees the need for organizing public recreation and obtaining a supervised recreation program for all. Designed especially for showing to city councils, school boards and fraternal organizations. (8)
Rent: $1.50 Association; Sale: $121

RE-CREATION 16mm sd 3 reels
A U. S. Department of Agriculture film. This film shows how a vacation in the National Forest furnishes recreation from the workday life of an ordinary family. (3)
Rent: 50% Association

WORKING FOR FUN 16mm sd 3 reels 1946
This film shows the actual processes in the manufacturing of athletic equipment, interwoven with actual scenes from major league baseball games, sandlot contests, collegiate and professional football and basketball games, with many other types of sports. Commentary by Bill Stern. (4)
Loan: MacGregor

RESTRICTED AND CORRECTIVE ACTIVITIES

CARE OF THE FEET 16mm sd 1 reel 11 min.
The structure of the foot shown by means of X-ray diagrams, and the functions of bones, ligaments, and muscles. Treatment and correction of common disorders shown as well as the value of correct shoes. (9)
Rent: Encyclopedia
EDUCATED FEET 16mm sd 15 min.
Uses the posture work done in the Beverly Hills, California, elementary schools as a background for this study of improved children's posture. Shows proper habits of sitting, standing, walking, and playing. Also shows exercises correcting some postural defects. (5)
Rent: $1.35 Indiana

POSTURE 16mm sd 1 reel
This film describes and illustrates the correct standing and sitting postures. It also illustrates the proper corrective exercises to be used for various posture defects. (8)
Loan: Ohio; Rent: 50c DeVry

POSTURE AND EXERCISE 16mm sd 10 min.
It shows how posture both good and bad affects the body systems. Diagrams help to clarify the illustrations. Corrective exercises and good posture habits are included. (8)
Loan: Ohio; Rent: $1.25 Encyclopedia

POSTURE FOR POISE 16mm sd 22 min.
Good posture pays dividends. It aids especially in saving energy and making a favorable impression. The value of posture to give individual poise is well pictured in this film. (8)
Rent: $1.50 Iowa

RECREATIONAL AND OCCUPATIONAL THERAPY 16mm sd 18 min.
Recreational and occupational therapy activities which are fitted to the patient's condition are shown. Passive diversion given during an immobile state is also shown. Limited physical activities carried on in bed and group occupational work in the hospital are pictured. (5)
Rent: $1.85 Indiana

RIDING

AMERICAN HORSE 16mm sd 20 min. color
Various breeds of horses from the Shetland to the Percheron are pictured in the field, on the road, and on the race track. (8)
Rent: $6 United World Films; Sale: $160
A RIDING FILM 16mm si 35 min. 1943
This film demonstrates the difference between Dressage and modern field riding. It is rated as an outstanding film on riding. It is accompanied by typewritten lecture notes which give valuable tips to groups learning to ride.(3)
Rent: $10 for three days Littauer

BIT AND BRIDLE 16mm sd 10 min.
This film pictures the training of trotters, pacers, hunters, and steeple chasers. Scenes of riding to the hounds are included. The picture was filmed in Aiken, South Carolina.(8)
Loan: Atlantic; Rent: Ideal; Sale: $10.50 Pictorial

BLUE BLOODS 16mm sd 11 min.
Racing scenes are recorded at Pimlico, Hambletonian and Grand National. Championship breeds are shown including the winning of the Preakness by War Admiral.(8)
Rent: Bailey; Sale: Official

BLUE GRASS 16mm sd 10 min.
The scene of this film is the Widener Farm in the Blue Grass Region of Kentucky. It is the birthplace and training place of many of the fastest horses in race track history. The complete process of training race horses is shown. The climax of the film is the race between Sea Biscuit and War Admiral.(8)
Rent: $1.50 Ideal; Sale: $10.50 Pictorial

GROUND TECHNIQUE 16mm si 2 reels
How to saddle, bridle, mount and prepare to ride a horse are demonstrated in this film. Correct procedures and techniques are demonstrated by slow motion photography.(8)
Rent: $1.50 Minnesota

HORSE 16mm sd 11 min.
The training of Prince from his days as a colt to his prime as a three year old are shown. He learns to walk, trot and canter and finally appears in a horse show. Numerous horses and various methods of training them are shown in this film.(8)
Rent: $1.50 Indiana; Sale: $55 Encyclopedia

HORSE POWER IN ACTION 16mm sd 15 min.
Drafters, hunters, mules, and racing breeds perform their specialties in competition. Large draft horses are also shown in a pulling contest.(8)
Rent: $1 Horse & Mule
HORSES 16mm sd 1 reel
Polo ponies, wild horses, cavalry mounts and thoroughbreds perform in this film. The Kentucky Derby is seen and War Admiral is seen in action.(8)
Loan: Venard; Rent: $1 DeVry

IF WISHES WERE HORSES 16mm sd 30 min. color
The four types of horses used in this country today, the hunter, the saddle, the polo pony and the school horse are shown. Good sequences on the gaits of these horses are shown in slow motion. Also it contains a section on "the blessing of the hunt". (8)
Rent: $5 for two days Van Vleet

LIFE OF SEA BISCUIT 16mm sd 15 min.
A dramatic picture of the life story of one of the greatest money winners of all time. Sea Biscuit is shown from his colt days to his final triumphs on the track.(8)
Rent: $3 Ideal

PALOMINO - THE GOLDEN HORSE 16mm sd 10 min.
This film shows the fundamentals of horse raising. It demonstrates how to curry, how to saddle, to bridle, to mount, to canter and to gallop. Gaits are demonstrated in slow motion. Designed for the elementary grade.(8)
Loan: Simmel

POLO 16mm sd 1 reel
A complete study of the game of polo beginning from the training of players and ponies to a pictured team match. Different plays are explained with the use of slow motion. An MGM production for use by schools only.(8)
Rent: Teaching

RIDE 'EM COWBOY 16mm sd 1 reel 11 min.
This film includes rodeo-bronco riding, bulldozing and other wild west thrills.(4)
Loan: Atlantic

RIDERS OF RILEY 16mm sd 11 min.
The world famous Fort Riley team is shown in this film giving a demonstration of expert horsemanship.(8)
Rent: $1.50 Film-Tel; Sale:$21
RIDING HIGH 16mm sd si 1 reel
A trip through the Canadian Rockies on horseback. A color film.(4)
Loan: Canadian

RODEO GOES TO TOWN 16mm sd 10 min.
Rodeo stunts and contests are filmed at Madison Square Garden. A Twentieth Century Fox Production for schools only.(8)
Rent: Teaching

ROYAL STEEDS 16mm sd 1 reel
Many of the most famous breeds of horses in the world are shown in this film. A Bill Corum sport short.(8)
Rent: $1.50 DeVry

SADDLE SENSE 16mm si 30 min. color
The fundamental techniques of horsemanship are given in this film. Emphasis is placed on safety and the application of the aids - hands, legs and weight at a walk, trot and canter.(3)
Rent: $5 for two days Van Vleet

SITTING PRETTY 16mm sd 1 reel
A Grantland Rice Sportlight on horseback riding techniques.(7)
Rent: Films Inc.

SWINGING MALLETS 16mm sd si 10 min.
Polo is described and illustrated in this exciting film. A polo game between the British and Jamaica teams is shown. Produced by RKO.(8)
Sale: $21(sd), $10.50(si) Pictorial

THE FORWARD SEAT 16mm si 2 reels color
An Educational riding film. It shows the modern riders position for hacking, hunting and jumping. It depicts the unity of the horse and rider, details of the forward seat in jumping and in special cases. Ten outstanding riders are shown in this picture.(8)
Rent: $15 per day Littauer

THE THREE AND FIVE GAITED SADDLE HORSE 16mm si 1 reel
The basic gaits of the saddle horse are shown in close ups and slow motion. Very good instruction for the riding student.(8)
Rent: 75¢ Minnesota; Sale: $25
SOCCER AND RUGBY

ATTACK 16mm sd 1946
A film on soccer football. Emphasis is placed on offense.(2)
Rent: $2 Bell; Sale: $40

BALL CONTROL 16mm sd 1946
Another in the series of soccer techniques. This film
stresses methods of retaining the ball.(2)
Rent: $2 Bell; Sale: $40

DEFENSE 16mm sd 1946
Techniques and types of soccer football defense are pictured.(2)
Rent: $2 Bell; Sale: $40

GOAL KEEPING AND THROWING IN 16mm sd 1946
A film to clarify soccer football rules for officials,
coaches, and players. Stress is placed on controversial
points involved in goal keeping and throwing in.(2)
Rent: $2 Bell; Sale: $40

KICKING 16mm sd 1946
Soccer football techniques are pictured and explained
particularly the fundamental of kicking.(2)
Rent: $2 Bell; Sale: $40

RUGBY 16mm sd 10 min.
Rugby, the British equivalent of American football, is
discussed and the rules are illustrated. A history of
rugby in England is also included. An MGM production for
use in schools only.(8)
Rent: Teaching

SOCCER FOR GIRLS 16mm sd 10 min. color
This film demonstrates and explains the various fundamentals
of the game. Slow motion and close ups help to clarify
these. Such fundamentals as dribbles, passes, and traps
are explained. Produced under the supervision of Miss
Marjorie Fish, of New Jersey State Teacher's College at
Trenton.(8)
Rent: $3 Indiana; Sale: $75 Bike
TACTICS 16mm. sd. 1946
The last in the series of reels on soccer football techniques. It explains the tactics used in various play situations. (2)
Rent: $2 Bell; Sale: $40

THE GREAT GAME 16mm. sd. 23 min.
In this film famous international amateurs and professional football soccer players explain the tactics of the game and show how to put theory into practice. It shows clearly the skill of good players and includes the final games of the Football Association Cup Competition. (8)
Rent: $2 Gallagher; Sale: $37.50

SOFTBALL

FUNDAMENTALS OF SOFTBALL PITCHING 16mm. si. 12 min.
Pitching and catching in girls softball are analyzed in this film. Slow motion studies are included. Produced under the direction of the Amateur Softball Association. (8)
Rent: $1 United World Films

SOFTBALL PITCHING 16mm. si. 15 min. 1942
This film demonstrates the winning form for softball pitchers. The demonstrations are put on by a team composed of outstanding girl players. Produced in cooperation with the American Association for Health, Physical Education and Recreation. This is a division of the National Education Association. (8)
Rent: Bailey, Transfilm

SOFTBALL CHAMPIONS 16mm. sd. 1 reel color
Highlights of a game between two championship women's softball teams. (8)
Sale: $75 Rogers

SPORTS (VARIED)

ALL AMERICAN WAY 16mm. si. 3 reels. 1940
A cavalcade of America's most thrilling sports events are presented in this film. It is a picture of great stars of football and baseball, amateur boxing, swimming, skating, and golfing. Dedicated to the development of competitive sports in America. (4)
Loan: Chicago
FLYING BODIES 16mm sd 1 reel
The principles of balance in sports is explained by
Grantland Rice in a Sportlight film.(7)
Rent: Films Inc.

GAME OF JAI ALAI 16mm sd 9 min.
Jai Alai has often been termed the world's fastest game
but is unfamiliar to most Americans. It was imported from
Spain and is gradually becoming popular. This film shows
its development and explains the rules. Close ups and slow
motion shots are included.(8)
Rent: $1.50 Association; Sale: $30 Skibo

HIGHLIGHTS OF JAI ALAI 16mm sd 10 min.
The game Jai Alai is demonstrated by a film of an actual
contest. The rules are discussed and explained with
pictures.(8)
Rent: $1.25 United World Films; Sale: $28.50

HOW RUSSIANS PLAY 16mm sd 18 min.
This film pictures the Russian people in their amusement
parks, recreations and games. It also introduces and explains
the popular Russian game Gorodki and gives a glimpse of
Russian soccer.(5)
Rent: $2.75 International

HURLING 16mm sd 1 reel
The game of hurling, the type of equipment used, and some
shots of the game are pictured in this film.(6)
Loan: Ohio

JAI ALAI 16mm sd 12 min.
Another film on the fast and dangerous game of Jai Alai.
It explains type of equipment used, shows players in action,
and emphasizes the training necessary for the players.(8)
Rent: $2 Nu-Art

JUMPERS 16mm sd 1 reel color
A film presenting action shots of the many things that jump.
It includes such examples as men, horses and fish.(8)
Sale: $75 Bike

KINGS OF SPORT 16mm sd 10 min.
Includes such champions as Jack Dempsey, Babe Ruth, Bill
Tilden, Red Grange and Bobby Jones. The great stars display
their talents for both entertainment and instruction.(8)
Rent: Association; Sale: $30
LADIES DAY 16mm sd 10 min.
Sports women demonstrate their skill in fencing, swimming, and tennis. Competitive games of softball and polo are also shown. (8)
Rent: $1.50 DeVry

LIFE IN A PUNJAB VILLAGE 16mm sd 10 min.
Recreation, sports and pastimes in a typical Indian village in Punjab. It shows cock fighting, falconry and horse back riding along with several other activities. (8)
Rent: $1 Films

PLAYGROUNDS 16mm sd 1 reel
Camera shots show the various winter and summer resorts in the United States. Included are Coney Island, Palm Beach, Jones Beach, and Palm Beach. Fishing, horseshoes, motor boating and skiing are shown. (8)
Rent: Teaching

POETRY OF MOTION 16mm si 9 min.
Slow motion studies of various forms of sports. The film is climaxed by the championship diving of Olympic stars. (1)
Rent: $1.50 Bell

POISE 16mm sd 10 min.
It stresses the importance of poise in athletics. Many sport events are used to illustrate the meaning and value of poise. A Grantland Rice Sportlight. (8)
Rent: $1.50 Bell; United World Films

ROUGH AND TUMBLE 16mm sd 1 reel
A variety of rough and tumble sports are shown. They are football, hickey, water polo, and wrestling. (7)

SLOW MOTION STUDIES 16mm si 13 min.
This film pictures detailed action of golf driving, diving, hurdling, pitching in baseball, lariat throwing, and many other sports. (1)
Rent: $1 Bell

SPORT ALMANAC 16mm sd 10 min.
A complete listing of sports events as pictured in the Grantland Rice Sportlight. (8)
Rent: Vesco
SPORTING QUIZ 16mm sd 10 min.
A quiz show in which the audience identifies sports terms and personalities. The answers are supplied by the narrator. A Grantland Rice Sportlight for use by schools only. (3)
Rent: Teaching

SPORT PARADE NO. 2 16mm sd 10 min.
Filmed action of the great sport events of our times. It includes Joe Louis' knock out of Max Schmeling, Ralph Guldahl's victory in the National Open, and Count Rossi's winning of the Speedboat trophy. (3)
Sale: $8.75 Vesco

SPORT REVIEW 1939 16mm sd 10 min.
Highlights of the 1939 sport season. It includes feats in many popular sporting events of the nation. (3)
Rent: 75¢ DeVry

SPORTS FLASHES (FEMININE) 16mm sd 10 min.
Lady champions in action. Excellent shots are shown of boxing, bowling, skiing, canoeing, and swimming. (3)
Rent: DeVry; Bailey

SPORTS IN U.S.S.R. 16mm sd 1 reel
Physical education and athletics in U.S.S.R. It shows rhythmic calisthenics, skiing, hockey, ice skating, tennis, swimming and diving, aquaplaning, running, and sports parade. (3)
Loan: Ohio

SPORTS IMMORTALS 16mm sd 1 reel
Biographies are pictured of Red Grange, Helen Wills, Grover Alexander, Babe Ruth, Man O' War, Paavo Nurmi, Jack Dempsey, Bobby Jones, and Sonja Henie. (3)
Loan: Ohio

SPORTSMEN'S SHOW 16mm sd 11 min. color
World champion performers in such activities as log rolling and archery. (3)
Sale: $75 Bike; $25 Telefilm

SPORT SPELLBINDERS 16mm sd 1 reel 10 min.
Thrills and spills of a dozen sports are shown here. Fishing, hurdles, broadjumping, pole vaulting, sand skiing, water skiing, rapids shooting and outboard racing are all included. (4)
Loan: Atlantic; Venard
SPORTS AND SEASONS 16mm sd 10 min.
A picture of Canadians in various types of recreational sports. They include skiing, hockey, snow ball fights in winter, marbles, la crosse and softball, in the spring, and hiking, swimming, and boating in the summer.(8)
Rent: $1.25 National F; Sale: $25

SPORT THRILLERS OF THE YEAR 16mm sd 10 min.
Highlights from the world of sports. Interesting and exciting.(8)
Sale: $17.50(sd); $8.75(sl) Castle

SPORT THRILLS 16mm sd 1 reel
Outstanding events in many fields of sport are presented in this film. Including basketball, preakness races, speedway races, golf tournaments, all star baseball, tennis and the world series.(4)
Loan: Venard

THRILL A SECOND 16mm sd 1 reel
Thrilling stunts in automobiles, tanks, and aquaplanes.
It shows daredevils risking their necks to bring excitement.(8)
Rent: $1.50 DeVry

TIMING 16mm sd 10 min.
The importance of proper timing in athletics is explained and demonstrated by experts in many major sports. A Grantland Rice Sportlight.(8)
Rent: $1.50 Bell

SWIMMING AND DIVING

ADVANCED SWIMMING 16mm sd 20 min.
This film is to teach a swimmer how to correct faults of swimming. Emphasis is placed on body alignment and arm and leg action. Supervised by Fred Cady, USC swimming coach. Narrated by Ken Carpenter.(8)
Rent: Association, Bailey; Sale: Bailey

AQUA RHYTHM 16mm sd 1 reel
Rhythmic and symmetrical swimming is demonstrated in this film.(7)
Rent: Films Inc.
AQUATIC ARTISTRY 16mm sd 1 reel
The basic dives are demonstrated by Harold Smith, Olympic champ, in near perfect form. Slow motion increases the value of this film for instruction. An MGM production for schools only. (8)
Rent: Association, Teaching

CRYSTAL CHAMPIONS 16mm sd 10 min.
Swimming and diving Olympic champs show how it should be done. A Grantland Rice Sportlight. Stars featured in this film taken at Crystal Springs are Johnny Weissmuller, Newton Perry, and others. (8)
Rent: $1.50 Bell, Film-Tel

DEEP END 16mm sd 10 min.
Diving from a thirty-three foot tower and a three meter spring board is pictured by such lady stars as Ruth Jump and Marjorie Geating. Swimming studies are also included of the breast stroke and of the crawl with the Hopkins twins. (8)
Sale: $21 Pictorial

DIVING DEMONS 16mm sd 1 reel
A film including basic dives, simple dives, and complicated combinations. (7)
Rent: Teaching

DOUBLE DIVING 16mm sd 1 reel
Diving exhibitions put on by Olympic diving champions. (7)
Rent: Teaching

FUNDAMENTALS OF DIVING 16mm sd 20 min. color
Footwork, leg action, balance, rhythm, coordination and timing are some of the fundamentals stressed in this film. Experts demonstrate. Supervised by Fred Cady, Olympic diving coach, in 1928, 1932 and 1936. Directed by Norman Spear. (8)
Rent: Association, General Sportcraft; Sale: $75 Bike

HOLD YOUR BREATH 16mm sd 1 reel
An exhibition of underwater swimming, with various formations. (7)
Rent: Films Inc.

IN THE SWIM 16mm sd 10 min.
Underwater scenes of swimmers moving through the water. It also includes acrobatic diving by national champs in slow motion. (8)
Sale: $21 Pictorial
LEARN TO SWIM 16mm sd 3 reels
A valuable picture for schools and camps. This film shows the rudiments of swimming and illustrates the beginners strokes, proper breathing routine, the various ways of keeping afloat in deep water, and an example of expert swimming to show the results of perfect coordination of all lessons given. (4)
Loan: Ohio, Atlantic

MATT MANN'S SWIMMING TECHNIQUES FOR BOYS 16mm sd 18 min.
This emanate coach shows a group of boys the crawl, backstroke, breaststroke, and butterfly. Slow motion shots help to clarify this study. (8)
Rent: $2 Indiana; Sale: $76.50 Coronet

MATT MANN'S SWIMMING TECHNIQUES FOR GIRLS 16mm sd 11 min.
The elementary rudiments of swimming are taught in this film. They include the proper execution of the breast stroke, the crawl, the back stroke and the butterfly. (8)
Rent: $3 Indiana; Sale: $45 Bike

THE MECHANICS OF SPRING BOARD DIVING 16mm sd 11 min.
With the former diving champion, Dutch Smith, giving instruction, the essentials of diving are illustrated. Slow motion pictures are used. (8)
Rent: $1.50 United World Films

NATIONAL DIVING CHAMPIONS 16mm sd 10 min. color
Diving techniques in normal and slow motion is demonstrated by champions. Comedy is added by difficult slap stick dives. (8)
Sale: $67.50 Post

OLYMPIC CHAMPIONS 16mm sd 1 reel
The leading divers of the nation demonstrate the form which won them many titles. (8)
Rent: $1.50 DeVry

ORNAMENTAL SWIMMING 16mm sd 9 min.
Underwater shots in this film compard the human skill in swimming to that of the fish. Such formations as the concertina, the pin wheel, and the submarine are illustrated. A team of girl experts demonstrates. (8)
Rent: Bell, Association; Sale: Skibo

PARADE OF AQUATIC CHAMPIONS 16mm sd 10 min. color
Acrobatic diving exhibitions are put on by champions. Swimming, both rhythm and speed, are also shown. (8)
Sale: $67.50 Post
SILVER SPRINGS 16mm sd 9 min. color
An underwater ballet is included in this camera tour of Silver Springs, Florida. Scenes are also shown from a trip down a jungle river.
Sale: $60 Bike

SINK OR SWIM 16mm sd 10 min.
This film shows Johnny Weissmuller teaching a class the essentials of the crawl stroke. Application of his instruction is then shown as the students take to the water. A Grantland Rice Sportlight.(8)
Rent: $1.25 Bell, United World Films

SPRINGBOARD CHAMPIONS 16mm sd 10 min.
Comedy and serious instruction are combined in this film. The half twist, the jack knife, and the swan are shown in slow motion, demonstrated by Pete Desjardines and Stubby Kruger. A Paramount production for schools only.(8)
Rent: Teaching

SPRINGBOARD DIVING 16mm sd 10 min. color
Patty Robinson, champion diver, demonstrates proper diving form. Proper use of the feet and arms, the approach, the take off, are stressed. Slow motion shots are included.(8)
Rent: $1.50 Bell, United World Films; Sale: $36

SPRINGBOARD TECHNIQUES 16mm sd 10 min. color
Mike Peppe, noted swimming coach, at Ohio State University, supervises step by step methods of teaching diving skill. Finished performers of expert dives are shown in a final sequence. The proper use of the springboard is also included.(8)
Rent: $3 Indiana; Sale: $75 Bike

SUBMARINE CIRCUS 16mm sd 1 reel
A trick circus is performed under water.(7)
Rent: Ideal

SWIMMING 16mm sd 8 reels
Official pictures of the 1936 Olympic games in Berlin. Individual titles include women's swimming, men's swimming, and water polo, men's springboard diving, men's platform diving, women's springboard diving and women's platform diving.(8)
Rent: $1.25 each American Olympics; Sale: $10 each
SWIMMING FOR BEGINNERS 16mm sd 10 min. color
Fundamental lessons in swimming are given in this film.
The beginner is taught the essentials of kicking and deep
water swimming. Fred Cady, USC instructor, supervised
production of the films. (8)
Rent: Gallagher; Sale: $75 Bike

SWIMMING AND DIVING ACES 16mm sd
An unusual exhibition of beauty and grace in swimming and
diving. Experts in many types of dives are seen. There is
also a presentation of group unison swimming. (4)
Loan: Atlantic, Venard

SWIMMING INSTRUCTION SERIES 16mm sd 5 min. each
A series of three films produced in cooperation with the
American Red Cross. The first reel, for beginners, illustrates
the steps for gaining confidence in the water and shows
fundamentals of floating, breathing and kicking. The second
reel, fundamentals, describes the basic techniques of arm
and leg action. The third reel, advanced, demonstrates
the various strokes, such as the crawl, breast stroke, back
stroke, and side stroke. (1)
Rent: Bell, Indiana, United World Films

SWIMMING THE FRONT CRAWL 16mm sd 20 min.
Lenore Kight Wingard demonstrates in normal and racing tempo,
first for beginners, and then for advanced swimmers, this
important fundamental stroke. (1)
Rent: Bell $2; United World Films

SWIMMING THROUGH BURNING OIL AND THROUGH SURF 16mm sd 11 min.
There is a trick to swimming through burning oil and also
through surf. Both are demonstrated in this film. Produced
by Jam Handy. (8)
Loan: United States CG

THREE METER BOARD 16mm si 15 min.
This film features the Olympic diving star, Dutch Smith,
in another instruction lesson on diving form from the three
meter board. Timing, balance and other fundamentals are
covered. (8)
Rent: $1 United World Films

UNDERWATER CHAMPIONS 16mm sd 1 reel
Filmed under water, this picture presents water sports
from goggle fishing to diving by champions. An under water
circus adds fun, and aqua-planing adds speed and thrills. (4)
Loan: Ohio, Venard
WATER BUGS 16mm sd 10 min.
Johnny Weissmuller gives instruction in basic fundamentals of the crawl. His pupils are a group of children, one of whom is only three years old. Comedy is provided in the person of Stubby Kruger. A Grantland Rice Spotlight. (8)
Rent: $1.25 Bell, United World Films

WATER FUN 16mm sd 1 reel
This film includes a variety of games; an exhibition of swimming by Johnny Weissmuller and Eleanor Holm. Fancy diving gives added interest to the film. (7)
Rent: Bell, Ideal

TABLE TENNIS

PING PONG 16mm sd 1 reel
Champions demonstrate and explain table tennis by the use of such shots as the service, the spin, the back hand, the fore hand and straight push shots. Footwork is also included. An MGM production for schools only. (8)
Rent: Teaching

TABLE TENNIS 16mm sd 10 min.
Three stars, Ann Sigman, Sol Shiff, and Stanley Fields, give an exhibition of grip, choice of paddles, advanced strokes and strategies. They also show the correct grip, form for service, push shots, spin shots and return. (8)
Loan: Ohio; Rent: Associated, United World Films

TABLE TENNIS TECHNIQUES 16mm sd color 11 min.
The former United States champion, Colman Clark, and Hamilton Canning, another star, are shown teaching the fundamental ping pong grips, strokes, and shots. Slow motion and close up shots assist in teaching. The film ends with some fast play by the experts. Produced by Ken Davidson. (8)
Loan: Davidson, Teaching

TEENNIS

ADVANCED TENNIS 16mm sd 10 min.
Bill Tilden, the all time tennis star, demonstrates the complex features of the game. Studies are made in footwork, service, stroke, and the net game. (8)
Rent: Gallagher, Bailey; Sale: Bailey
FUNDAMENTALS OF TENNIS 16mm sd 20 min.
Donald Budge, former amateur and professional champion, shows many advanced strokes. He gives proper execution of the forehand, the back hand, the smash service, the volley and the half volley. Produced in cooperation with the U.S. Lawn Tennis Association.(8)
Loan: Wilson, Bailey

HELEN WILLS, BETTER TENNIS 16mm si 15 min.
The greatest of all women champions teaches tennis techniques.(8)
Rent: $1 United World Films

INTERMEDIATE AND ADVANCED TENNIS 16mm si 1 reel
Mary Arnold gives instruction in this film in advanced tennis techniques.(8)
Sale: $27.50 Rogers

KINGS OF THE COURT 16mm sd 1 reel
This film shows Bobby Riggs in action as he wins the Professional Tennis Championship.(8)
Sale: Bike, Courneya

TECHNIQUE OF TENNIS 16mm sd 9 min.
Lloyd, Budge, prominent tennis instructor, puts his methods of teaching into pictures. Illustrations are given of the back hand and forehand grips, the service and various types of strokes. A Columbia production for schools only.(8)
Rent: $1.50 Indiana, Teaching

TEennis 16mm sd 1 reel
Fred Perry shows the technique in practicing sustained relays and placement. Illustrations are also shown of his technique for serving, pivot shots, and service stance.(6)
Loan: Ohio

TEennis For Beginners 16mm si 15 min.
Bill Tilden demonstrates and narrates on the fundamentals of tennis. Instruction is given on the grip, the strokes, the wrist action, for the beginner.(8)
Rent: Bell, United World Films

TEennis Rhythm 16mm sd 9 min.
This film pictures Bobby Riggs as he captures the National Tennis title at Forest Hills. It also shows a school put on by Riggs for correct techniques of play. A Columbia production for schools only.(8)
Rent: Association, Teaching
TENNIS TECHNIQUE  16mm  sd  1 reel  color  
Pauline Betz, U. S. Women's champion, is shown in action on the court. Individual and group instructions are included.  (8)  
Sale: $75 Rogers  

TENNIS TOPNOTCHERS  16mm  sd  1 reel  
The tennis greats are shown in action in tournament play. The champs also put on an instruction series where they demonstrate grips and their favorite shots.  (8)  
Rent: $1.50 Bell, DeVry  

U.S.L.T.A. DON BUDGE FILM  16mm  sd  5 reels  75 min.  
The great Don Budge gives a demonstration of form and strokes. Slow motion is used. Included in the films are scenes from the 1938 Davis Cup match and National Championship match. Also included are shots illustrating racket grips, service swings, stance, drives, volleys and foot work. Besides Budge, Riggs, and Alice Marble are seen in action.  (8)  
Rent: $10 United States LT  

TRACK AND FIELD  

BROAD JUMP  16mm  sd  11 min.  1945  
This film tells of the training necessary for developing skill in the broad jump. Various methods of training and techniques are studied. Produced under the supervision of Dean Cromwell, noted coach of USC Track Champions.  (8)  
Rent: $1.50 Indiana; Sale: $45 Coronet.  

DASHES, HURDLES AND RELAYS  16mm  sd  22 min.  1938  
This film is a study of the dashes, one hundred, two hundred, and four hundred meter, with emphasis upon starting techniques. A second reel is devoted to hurdles and relays with discussion and demonstrations on passing a baton and various types of form in the hurdles.  (8)  
Rent: $3 Association; Loan: Ohio  

DECATHALON CHAMPION  16mm  sd  10 min.  
The 1936 Olympic champion, Glenn Norris, is shown in training for his greatest athletic test, the Olympic games in Berlin. Shots are included of the Olympics, including the fifteen hundred meter race in which Norris broke the record. For schools only.  (8)  
Loan: Ohio; Rent: Teaching
DISTANCE RACES 16mm sd 11 min.
The distance runner must cover distances of from one
thousand to ten thousand meters. These races are discussed
and illustrated in this film. Stress is placed upon the
various techniques required for the distance runner as
compared to a sprinter. Slow motion shots are shown.(8)
Loan: Ohio; Rent: $1.50 Indiana

GLENN CUNNINGHAM 16mm s1 15 min.
This is a picture story of one of the greatest milers of
all times, Glenn Cunningham, of the University of Kansas.
It tells how he overcame great odds to achieve championship
success in the mile.(8)
Rent: Kansas

HIGH JUMP 16mm sd 11 min. 1945
An instructional film analyzing the form required in high
jump. The side roll and the belly roll are demonstrated
by experts. Fundamentals included are the approach, the
take off, and the turning of the body. It also includes
applying the high jumping techniques to high hurdling.
Filmed under the supervision of Dean Cromwell, USC.(8)
Rent: $1.50 Indiana; Sale: $45 Coronet

HIGHLIGHTS OF THE OLYMPIAD 16mm sd s1 10 min. 2 reels
These films are devoted almost entirely to the record
breaking achievements of the athletes from the United
States at the 1936 Olympic games in Berlin. All principal
track events are represented in this cavalcade of victories.(8)
Rent: $1.25(sd), $1.00(s1) Bell

HIGHLIGHTS OF THE 1936 OLYMPIC GAMES 16mm sd 10 min.
The world's greatest athletes are shown competing for
superiority.(8)
Rent: $1 DeVry

HIGH WIDE AND DASHING 16mm sd 1 reel
Slow motion photography points out the form and speed
which make the difference between a champion and a dub.
College athletes do the demonstrating.(8)
Rent: $1.50 DeVry, Ideal

JUMPS AND POLE VAULT 16mm sd 11 min. 1938
Slow motion studies greatly assist in visualizing the
proper techniques of pole vaulting. Occasional stop shots
are also used. Also demonstrated in this film are the hop,
step, and jump, the running high jump and the running broad
jump. Dean Cromwell of USC, Brutus Hamilton, of California,
and Lawrence Robertson of Pennsylvania, cooperated in
production.(8)
Rent: $1 Association, Indiana
OHIO HIGH SCHOOL FIELD EVENTS 1946  16mm  10 min.
Class "A" and "B". (6)
Loan: Ohio

OHIO HIGH SCHOOL TRACK CLASS A 1946  16mm  20 min. (6)
Loan: Ohio

OHIO HIGH SCHOOL TRACK CLASS B 1946  16mm  20 min. (6)
Loan: Ohio

PENNSYLVANIA RELAY CARNIVAL 16mm si  12 min.
This is a film of the famous Penn Relays which are held annually. It always includes top track stars and relay teams throughout the nation. (8)
Rent: $2 Pennsylvania

PHYSICAL AND MENTAL FITNESS 16mm si  1 reel
A group of boys interested in becoming track stars are shown the value of clean living habits. Action shots from a grade school track meet are also shown. (8)
Rent: 50¢ DeVry

POLE VAULT 16mm sd  8 min.
A very good demonstration of proper pole vault technique. Filmed under the supervision of Dean Cromwell, USC. Such stars as Meadows and Sefton, Olympic champs of 1936, are shown in action. (8)
Rent: $1.50 Indiana; Sale: $36 Coronet

THE N.C.A.A. TRACK AND FIELD MEETS 16mm si
The National Collegiate Track and Field Meet is held annually for the best in the nation. The following reels are included: 1938 (1 reel), 1939 (2 reels, color), 1941 (2 reels, color), 1946 (2 reels). The track and field stars of USC are shown in action as well as performers from the University of Illinois and other great track and field stars. (8)
Loan: National C

THE TENTH OLYMPIAD 16mm si  10 min.
The 1932 Olympics at Los Angeles are pictured in this film. It includes the much disputed one hundred meter dash between Jesse Owens and Eddie Tolan as one of its highlights. (1)
Rent: $1 Bell, United World Films

TRACK AND FIELD 16mm si
Official pictures of the 1936 Olympic games are shown. Such events as the distance races, the steeple chase, and the relays are featured. (8)
Rent: American Olympics
TRACK MEET THRILLS 16mm sd 2 reels
Here are seen record breaking contests of muscle, stamina and speed. Stars in every event from shot put to hurdle, from relay to pole vault are shown in action. Slow motion is used. Such famous stars as Glenn Cunningham and Jesse Owens appear in this film.(4)
Rent: $2.50 DeVry; Loan: Ohio

WEIGHT EVENTS 16mm sd 1938
Included in this film are the shot put, the discus throw, the javelin and the hammer throw. Slow motion shots help to clarify the form and technique used in each. This form is discussed as to leg action, arm action, position, and balance.(8)
Rent: $1.50 Association, Indiana; Loan: Ohio

TUMBLING AND STUNTS

ADVANCED TUMBLING 16mm sd 11 min. color
Advanced tumbling stunts are explained and demonstrated in this film. It includes backward hand springs, backward somersaults, side leg pitch, two man toe pitch, forward somersault, and other advanced stunts. Very instructional.(8)
Rent: $2.50 Indiana; Sale: $75 Bike, $45 Coronet

BEGINNING TUMBLING 16mm sd 11 min. color 1941
A national tumbling champion is shown performing forward, backward and sideward rolls. He also does the tip-up, the head stand, the hand stand, the round-off, and the cartwheel flip. Regular and slow motion shots are used to clarify instruction.(8)
Rent: $1.25 Indiana; Sale: $75 Bike, $45 Coronet

INTERMEDIATE TUMBLING 16mm sd 11 min. color
This film demonstrates the following tumbling techniques: the kip, the rolling kip, the hand spring, the head spring, thigh and knee stands, shoulder mount, shoulder dive, the lift and toss, back to back pull over, back over feet, front over neck, foot to pelvis somersault, and others.(8)
Rent: $2.50 Indiana; Sale: $75 Bell, $45 Coronet

TUMBLING NO. 1 16mm sd 2 reels
This film demonstrates various tumbling stunts which are individual in nature.(4)
Loan: Atlantic
Tumbling No. II 16mm sd 2 reels
In this film various tumbling techniques are demonstrated which require two or more individuals participating. (4)
Loan: Atlantic

Tumbling for Physical Fitness: Companion Stunts 16mm sd 19 min. 1944
Seventeen stunts demonstrate the importance of coordination and timing in group activity. Safety factors and methods are emphasized. A U.S. Navy film. (1)
Rent: $1.50 Bell, $3 Association; Sale: $18.70 Castle

Tumbling for Physical Fitness: Individual Stunts 16mm sd 20 min. 1944
This Navy training film demonstrates the forward roll, the backward roll, thekip, the head stand, walking on hands, handstand, cartwheel, the hand spring and other stunts. (1)
Rent: $1.50 Bell, Association, DeVry; Sale: $18.70 Castle

Volley Ball

Play Volley Ball 16mm sd 20 min.
This film presents a study of the various fundamentals used in playing volleyball. Included are studies of serving, passing, receiving, blocking, and setting up shots. Slow motion and stop shots are used to emphasize important techniques. Narrated by Bill Slater. (8)
Loan: Ohio; Rent: $2.25 Indiana, Association; Sale: $55

Techniques in Volley Ball for Girls 16mm sd 12 min.
The girls' game of volleyball is explained and analyzed in this film. Slow motion is used to bring out important techniques. (8)
Rent: $2.50 Scholastic

Volley Ball for Boys 16mm sd 11 min. 1941
A picture explanation of the rules and fine points of the game. Slow motion and normal speeds are used to give instruction in such fundamentals as spiking, serving, volleying and defense. (8)
Rent: $1.50 Indiana; Sale: $45 Coronet

Water Safety and Life Saving

Artificial Respiration 16mm sd 1 reel
A description of the proper method of giving artificial respiration as first aid for drowning and electric shock. Animated shots show the effect on the lungs of the patient. (8)
Rent: $1 DeVry
BOY SCOUT METHODS OF WATER FRONT SAFETY 16mm si 12 min.
The first scenes illustrate in a humorous manner how not to save a drowning person. This is followed by a demonstration of the correct methods of rescue as put on by a group of Boy Scouts. The use of a rope, a buoy, a boat, a log, and a stick are all demonstrated. Correct and incorrect methods of entering and leaving a row boat and canoe are shown. Also shown is the procedure to follow in emptying and entering a submerged canoe or row boat.(8)
Rent: 75¢ Association; Sale: $17.50 Boy Scouts

ELEMENTARY TACTICS OF LIFE SAVING 16mm sd 23 min. 1942
This film shows how to gain control of a person who needs help in the water. It is by the use of the surface and underwater approaches to the rescue.(3)
Sale: Castle

FIRST AID - LIFE SAVING AND RESUSCITATION 16mm si
The various approaches and holds used in rescuing endangered swimmers are shown. Adequate time is devoted also to the methods of using an inhalator.(8)
Sale: $24 Encyclopedia

HEADS UP 16mm sd 24 min. 1942
This film demonstrates ways to avoid common swimming hazards. It also shows the simple way to rescue without risk, tests for Red Cross life saving courses, life saving techniques, including ways to approach a drowning person, types of carries and others.(8)
Loan: American Red Cross (Local Chapter); Sale: $51.75

LADY LIFE GUARDS 16mm sd 10 min.
A study of the training given to girl life guards who are on duty at Manhattan Beach, New York. A successful rescue scene highlights the film. Resuscitation is also shown.(8)
Rent: NuArt

LIFE SAVING 16mm sd 17 min.
Studies are made of the strokes best adapted to life saving. Approaches, breaking holds, carries, and other methods of rescue are included. The Schaefer Prone Pressure method of artificial respiration is demonstrated. Produced by the U. S. Government.(8)
Loan: Ohio; Rent: Bell, DeVry; Sale: $22.83 Castle

LIFE SAVING AND RESUSCITATION 16mm sd 15 min.
The various methods used in rescue from water accidents are shown. Normal and slow motion shots aid in the instruction. Schaefer's Prone Pressure method of artificial respiration is pictured.(8)
Rent: $1 Encyclopedia; Sale: $24
SWIM AND LIVE 16mm sd 20 min. 1940
This is an Army Air Force picture in which soldiers are taught to swim, and also are taught other valuable tricks which help them stay afloat in water. Discussions and demonstrations are given on how to jump from a sinking ship, how to hit the water, how to swim when fully dressed and how to give first aid to a drowning victim. The three fundamental swimming strokes - the side stroke, the back stroke and breast stroke are illustrated.(8)
Rent: Bell, Association

WINTER SPORTS

AMERICA TAKES TO SKIS 16mm sd 10 min.
This film begins with illustrations of how skis are manufactured. A study of skiing fundamentals is included to show how practice if performed correctly will produce a good skier. A Universal production.(8)
Rent: $1.50 United World Films

BANFF, LAKE LOUISE 16mm sd 10 min.
Skil trails, trout pools, and other beautiful scenes are shown as they appear in Canada's vast playground.(8)
Rent: $1.50 Castle

BASIC PRINCIPLES IN SKIING 16mm sd 4 reels
A complete picture study of this popular winter sport. It includes the care and handling of equipment, techniques of jumping, turning, ascending and descending, walking and running. Slow motion is utilized to clarify important points.(8)

BIG BROMLEY SKI AREA 16mm ss 2 reels 1946
Movies of the ski area facilities and action shots of skiing at Big Bromley are presented in this film in full color.(4)
Loan: Big

CLASSIC OF SKIING, THE 16mm sd 1 reel color
This film shows highlights of the annual three day ski classic at Oslo, Norway. Skiers from all over the world come to compete in the three major events. The fifty kilometer cross country, the seventeen kilometer cross country and the ski jumping event. Narrated by Lowell Thomas.(8)
Sale: $75 Bike; $23 Films
DARE DEVILS ON ICE 16mm sd 10 min. 1945
Hair raising shots of winter sports put on by the experts are shown. Included are the sports, skiing, ice skating, and bob sledding. (8)
Loan: Ohio; Rent: Gallagher; Sale: $17.50 Castle

DOWN HILL SLALOM 16mm sd 1 reel
Instruction is given in the sport of skiing. Expert skiers are shown in action on the snowy slopes. (8)
Rent: $1.50 New Hampshire

GOOD SKATES 16mm sd 10 min.
Guy Owen and Maribel Inson illustrate the use of various types of ice skates. They demonstrate speed skating and hockey. Other skating experts also perform dances on ice. A Paramount production for schools only. (8)
Rent: Teaching

HANNES SCHNEIDER SKIING TECHNIQUE 16mm si 3 reels
Fundamentals of skiing are demonstrated in progressive sequence by Benno Rybizka. (7)
Rent: Photo

HIGH SCHOOL OF SKIING 16mm sd 12 min.
Hannes Schneider, Australian professional, demonstrates the fine points of skiing to a group of advanced students. (8)
Rent: $1.25 Bell, United World Films

HOCKEY 16mm si 10 min.
The Boston Bruins show just how professional ice hockey is played. An exciting exhibition of skating is given in this film. (1)
Rent: $1.50 Bell, United World Films

HOCKEY FOR BEGINNERS 16mm si 8 min.
The highlight of this film is a fast moving hockey game. After the game comes a discussion of the various techniques that were in the game as well as a study of arm and wrist action. (8)
Rent: $1 Bell, United World Films

HOT ICE 16mm sd 20 min.
Hockey players start young in Canada where winter is really winter. An explanation of the rules and strategy of the game as well as the training and playing of professionals is included. A Canadian made film. (1)
Rent: Bell, Indiana
HOW TO SKI 16mm sd 11 min.
An instructional film made to explain the rudiments of skiing. Shown in the film are two methods of going up hill, gliding and snow plow turns. Slow motion shots clarify the important fundamentals involving knee action. Ed Thorgerson narrates. (8)
Loan: Ohio; Rent: Bell, Association

ICE CARNIVAL 16mm sd 1 reel 1940
The beauty, grace and rhythm of an ice ballet are shown. The photography shows figure skating and speed skating and dance interpretations. (4)
Loan: Atlantic, Venard; Rent: Gallagher; Sale: $17 .50 Castle

ICE MEN, THE 16mm sd 10 min.
This film shows a hockey game in Madison Square Garden between the Americans and Rangers. Slow motion is used to study interesting plays. (8)
Rent: $1.50 DeVry

ICE RESCUE 16mm sd 5 min.
Demonstrations of methods of ice rescue are shown. Many of these are made at temperatures below zero. Made in cooperation with the health and safety service and the State College of Massachusetts. (8)
Sale: $12.50 Boy Scouts

LAND OF THE SKI RAWKS 16mm sd 1 reel
When the first snow flies Quebec is the center of tobogganning, skating and skiing. Shown in full color. (4)
Loan: Canadian

MOUNTAINS AND SKIS 16mm sd 1 reel
This film demonstrates the art of skiing. It was photographed in the Tyrolean Mountains with musical accompaniment. (7)
Rent: Ideal

NATIONAL SKI PATROL 16mm sd 23 min.
The objectives of the National Ski Patrol system are given in this film. The requirements for patrol members are advanced first aid, winter sports, improvising a sled, and using all first aid equipment. (8)
Rent: National S

OLYMPIC WINTER SPORTS AT GARMISCH - PARTENKIRCHEN 16mm sd
Official pictures of the 1936 Olympics at Berlin. World champions in action. (8)
Loan: American Olympics
OLYMPIC WINTER SPORTS 16mm sd
More scenes from the 1936 Olympic games are shown in this.
film. (8)
Loan: American Olympic

ON TOP OF THE WORLD 16mm sd 8 min. 1942
The skiing expert, Dick Durrence, gives instruction to
several of his friends, in fundamentals of parallel skiing.
Good instruction. (8)
Loan: General Motors

ORDEAL BY ICE 16mm sd 1 reel
Remarkable shots of training of ski troops in the
Canadian Rockies are shown in this film. (8)
Rent: $1.25 International; Sale: $25

PLAY IN THE SNOW 16mm sd 11 min.
This film pictures children in play activities such as
coasting, skiing and building snow men. The picture
emphasizes safety and health factors. (8)
Sale: $50 Encyclopedia

QUEBEC SOUS LANNEIGE 16mm sd 14 min.
Winter sports in Quebec's most popular resorts. Narration
is given in French. (8)
Loan: Quebec

SKI CHASE 16mm sd 24 min. 1937
This film features Europe's finest skiers in action in
the Alpine peaks. Thrills and comedy are intermingled. (8)
Rent: International, Institute

SKIIESTA 16mm sd 81 1 reel 1937
This film demonstrates the beginning steps in the use
and care of skis. It is illustrated with good shots by
both beginners and experts. (8)
Rent: $1 Bell, DeVeury

SKI FLIGHT 16mm sd 10 min.
The six fundamentals of skiing are demonstrated by Otto
Lange. These fundamentals are a part of the Hannes Schneider
system. Close ups and long shots are included. (8)
Rent: $1.50 Association

SKIING AT LAKE LOUISE 16mm sd 12 min.
The rhythm of techniques of skiing are presented in this
film by a party of skiers in the mountains at Lake Louise. (8)
Loan: National P
SKIING IN CLOUDLAND 16mm sd si 12 min.
This is Skoki Valley in Banff National Park where opportunities are provided for ideal skiing.(8)
Rent: National P

SKIING IN THE LAURENTIANS 16mm sd si 1 reel
Winter and snow combined contribute to the skiers delight in the mountains of Quebec. Many skiers are seen in action in this full color film.(4)
Rent: Canadian

SKIING IS BELIEVING 16mm sd 1 reel
This film gives classroom instruction and has shots from an outdoor practice period.(7)
Rent: Teaching

SKIING ON YOUR FEET 16mm sd 1 reel
Step by step instruction is given the beginning skier. Many scenes of beauty are shown. Instruction is provided by the experts. Photographed in the Alps.(7)
Rent: Bell, Ideal

SKIING WITH HANNES SCHNEIDER 16mm sd 10 min.
The noted Hannes Schneider demonstrates his skiing technique in his native Austrian Alps. Instrumental musical background.(8)
Rent: Institute, United World Films

SKI NOVICE 16mm 9 min. color
This film demonstrates skiing from a novice point of view. Emphasis is placed upon things to do, and not to do, in skiing. Much comedy is included. Directed and photographed by Dr. Frank Howard.(8)
Sale: $75 Bike; $30 Hawley

SKI PARADE 16mm sd 1 reel
Skiing is shown in various parts of the world; Austria, Bavaria, United States and Switzerland. Instruction especially for children.(7)
Rent: Teaching, Visual A

SKI PILOT 16mm sd 10 min.
This Grantland Rice Sportlight provides instruction on how to do it plus humorous incidents on how not to do it.(8)
Rent: Institute, Vesco
SKI REVIEWS 16mm sd 1 reel
This film features ski trains leaving for the mountains and shows skiing in the setting of mountain peaks. The instructive portion includes training, jumping, stopping, and how to keep your feet. The usefulness of skis in mountain travel is also featured.(4)
Loan: Atlantic Venard; Rent: Bailey, DeVry

SKI SAFARI 16mm sd 9 min. color
Expert skiers are shown in action in Sun Valley and Yosemite National Park. Slalom races, cross country and championship jumping are shown. A Frank Howard picture.(8)
Sale: $75 Bike, $30 Hawley

SKI SKILL 16mm sd 10 min.
This film explains various ski maneuvers from the elementary to the difficult. The illustrations are given by an expert. It also includes sequences of jumping, cross country, and downhill skiing.(8)
Loan: Ohio; Rent: $1.25 National F; Sale: $25

SKIS OVER SKOKI 16mm si 15 min.
Skoki is the scene of this winter sports carnival north of Lake Louise.(8)
Loan: Canadian

SKI THRILLS 16mm sd 10 min.
This film features the skiing experts of Finse, Norway, displaying their skills in ski technique.(8)
Rent: $1.25 Ideal; Sale: $17.50 Vesco

SKI THRILLS 16mm sd 10 min. color
The various forms of skiing are pictured as the skiers glide down the slopes in the Sierras. Highlight of the action are spills and suspense. Youngsters are featured.(8)
Rent: $2.15 Indiana, Simmel

SKI THRILLS IN THE CANADIAN ROCKIES 16mm si 25 min.
Camera pictures of a party of skiers who take a trip into the Canadian Rockies.(8)
Rent: Pathoscope

SKI TIME IN THE ROCKIES 16mm sd 10 min.
This film shows skiers on the trails and in the snow of Mount Assiniboni near Lake Louise.(8)
Loan: Canadian
SKI TRAILS OF NEW FRANCE 16mm sd 10 min.
    Chateau Frontenac, Quebec, is the scene of the winter sports pictured. (8)
    Loan: Canadian

SKI VALLEY OF THE SAINTS 16mm sd 20 min. color
    Instructors in skiing from Switzerland, Austria, Norway and Canada. Winter sports in the Laurentian hills appear throughout this film. Various racing scenes are included. (8)
    Rent: $5 National F; Sale: $150

SKI WINGS 16mm sd 11 min. color
    This film deals with the fundamental skills of skiing. Photographed in Utah, the cast is made up of students from the University of Utah. (8)
    Sale: $75 Bike; $25 Telefilm

SLALOM 16mm sd 67 min. 1937
    A full length German production. It pictures skiers and bob slediers on the slopes in Switzerland. Such stars as Hannes Schneeberger are shown in action. (8)
    Rent: $12.50 Bell; Sale: $300 Hoffberg

SNOW FALLS 16mm sd 1 reel
    Filmed in the European Alps, this picture shows skiing at its best. It combines training for the novice with performance by the expert. Numerous.
    Loan: Ohio, Atlantic

SNOW FUN 16mm sd 1 reel
    Winter sports offer a variety of activities. Here are shown sleighing, skijoring, curling, figure skating, ice hockey, skiing, bob sledding, and ski jumping. (4)
    Loan: Venard

SNOW HILLS IN QUEBEC 16mm sd 10 min.
    Skiers are shown in action in the hills of Quebec. Filmed in color. (8)
    Loan: Canadian

SNOW MAGIC IN SWEDEN 16mm sd 1 reel
    Beautiful winter sports scenes as pictured in Sweden. (6)
    Rent: $1.50 International

SNOW SCAPES 16mm sd 1 reel
    This film shows pictorial winter scenes with thrilling skiing. (7)
    Rent: Bell, Eastman
SNOW THRILLS 16mm sd 1 reel
Here is presented an array of winter sports: skating, skiing by experts and would be experts, skijoring, bob sledding, and general fun.(4)
Loan: Atlantic

SNOW TIME 16mm sd 2 reels
Winter sports in Canada: skiing, skijoring, tobogganing, and others are pictured.(7)
Loan: Canadian

SNOW TIME IN THE ROCKIES 16mm si 12 min.
Exciting winter sports are filmed in Banff National Park.(8)
Loan: National P

SUNSHINE AND POWDER SNOW 16mm si
Sunshine Valley of Banff National Park offers some of the best skiing facilities in America. It is the scene in this film of down hill skiing by the experts.(8)
Loan: National P

SUNSHINE SKIING 16mm si 1 reel
Scenes at Sunshine Valley at skiing center south of Banff Park. Shown in full color.(4)
Loan: Canadian

SUN VALLEY 16mm sd 10 min.
This film pictures ski thrills in Idaho's famous winter wonderland. Skiing down hill and riding up hill in a ski carrier are both shown.(8)
Rent: 50¢ a day Akin

SWISS ON WHITE 16mm sd 11 min.
Sonja Henie, and other stars demonstrate at a winter carnival at St. Moritz. Ski jumping and bob sledding are also included. Narration is by Don Beddoe.(6)
Sale: $17.50 Nuart, Ideal

TAKE YOUR PICK 16mm sd 10 min.
The winter sports - sleighing, tobogganing, and skiing at Lake Placid are compared with swimming, tennis and aqua planing at Miami.(8)
Rent: United World Films, NuArt

VIVA LA SKI 16mm sd 2 reels
A 1946 production of skiing in Quebec. French commentary.(8)
Rent: $3.50 International; Sold: $10
WHEN WINTER COMES 16mm si 12 min.
This film pictures the popular winter sports ski jumping, skijoring, ice hockey, and curling at Banff Park in the Canadian Rockies.(8)
Loan: National P

WHITE MAGIC 16mm sd 10 min.
Instructional and entertainment scenes are given in this film on skiing and other winter sports. Filmed at Sun Valley, Idaho.(8)
Sale: $21 Pictorial

WINGS TO YOUR HEELS 16mm sd 1 reel
Champion skiers are pictured in action in Canada.(7)
Loan: Canadian

WINTER CARNIVAL 16mm sd 92 min.
A feature length production with Ann Sheridan and Richard Carlson. Spectacular scenes are taken from a winter carnival at Dartmouth.(8)
Rent: Bell

WINTER HOLIDAY 16mm sd 10 min.
The Alps furnish the setting for this film which includes winter sportsmen in action.(8)
Rent: Bell, Ideal

WINTER PLAYGROUND 16mm sd color
Chateau Frontenac is pictured in this film as it looks during the winter sports season.(8)
Loan: Canadian

WINTER SPORTS 16mm sd 1 reel
Champions of the snow and ice show how it should be done. Skiing, skating, toboganning, bob sledding, ice sailing, snow trotting, and plenty of snow fun are all included.(4)
Loan: Atlantic

WINTER SPORTS IN NATIONAL FORESTS OF CALIFORNIA 16mm si 1 reel
Opportunities for winter sports offered by California's national forests are pictured. It includes a wide variety of sports enjoyed by both young and old.(6)
Loan: Ohio

WINTER SPORTS IN YOSEMITE 16mm si 2 reels
The scene of action in this film of skating, skiing, and ski joring, is beautiful Yosemite, in California.(7)
WINTER WONDERLAND  16mm  sd  1 reel  1938
This film pictures the varied winter sports that can be enjoyed in any or all of our national forests. Such sports as skiing, snow shoeing, tobogganing, and skating are shown with the facilities necessary for each.(4)
Loan: United States FS; Rent: Indiana

WORLD'S FASTEST GAME, THE  16mm  si  10 min.
Clem McCarthy narrates this interesting instructional film. Skating with bent knees, handling the stick, the goalie, the hook check, the body check, various types of defense and position of play, are shown. Normal and slow motion is employed. The film ends with the big game against the Ameriks in Madison Square Garden.(1)
Rent: $1.50 Bell, United World Films

WRESTLING

COLLEGE GRAPPLERS  16mm  10 min.
This Grantland Rice Sportlight pictures the training program of a college wrestler. Close up shots of wrestling matches are included.(8)
Rent: $1.50 United World Films; Sale: $27

JUDO, MODERN JU-JITSU  16mm  si  1 reel
The ancient Japanese art with its modern adaptations in training for police service is demonstrated in this film. San Francisco, Chicago, and New York only.(8)
Rent: $1.50 Association

JU JITSU  16mm  si  15 min.
This is an instructional film on defense tactics that can be used in each of four common attacks. Effective and simple throws are shown. Photographed in New York at the academy of Ju Jitsu.(8)
Sale: Stone

KEEP FIT THROUGH WRESTLING  16mm  sd  10 min.
An explanation and demonstration of wrestling as performed by the great champions is shown. Its value in keeping fit is discussed.(8)
Rent: Hoffberg; Sale: Hoffberg

KILL OR BE KILLED  16mm  sd  10 min.
A U. S. army training film which shows some of the dirty fighting methods that are sometimes necessary to combat a ruthless enemy. For industrial showing only.(8)
Rent: $1 King Cole
NAGURSKI VS SONNEBERG 16mm sd 10 min.
This film pictures two of the greatest fighters in the history of wrestling. The match which is pictured shows Nagurski winning two of the three falls.(8)
Rent: $1.25 United World Films

N.C.A.A. WRESTLING MEETS 16mm sd
A series of six films featuring the outstanding national collegiate athletic association wrestling meets during the past decade are shown. The following years are included: 1937, 1938, 1939, 1941, 1942, 1946. Each year's film has four reels except 1946 which has six.(8)
Loan: National C; Rent: Bike

POLICE JU-JITSU FOR TEACHING PURPOSES 16mm sd 10 min.
This instructional film emphasizes ju-jitsu techniques. Clear demonstrations are given and explained for both attack and defense.(8)
Rent: $1.50 Association

WRESTLING SERIES 16mm sd (time as indicated)
An instructive and humorous series on the thrilling sport wrestling. It furnishes excellent entertainment for audiences who enjoy the thrills of the arena. It furnishes plenty of laughs as the wrestlers go through their frantic antics. Films available: No. 1, World Champion Woman Wrestling Contest(10 min.) No. 2, Grips and Groans(10 min.) No. 3, Twin Tornadoes(11 min.) No. 4, Giants on the Mat (10 min.) No. 5, Madcap Melee(11 min.) No. 6, Modern Gladiators (11 min.) No. 7, Through the Ropes (10 min.) No. 8, Wrestling Follies(19 min.) No. 9, International Heavyweight Championship (20 min.).(8)
Rent: Post, Association; Sale: Post, Association

WRESTLING THRILLS 16mm sd 15 min.
Grunts and groans from the padded arena with plenty of laughs and thrills as pictures are shown of the world's oldest sport. Woman wrestlers are included in this film.(4)
Loan: Atlantic; Rent: Bailey
SUMMARY

It has been the writer's object in this chapter to compile a complete and up-to-date list of films that are available for use in teaching physical education activities and sports. To assist the reader in finding the desired film they have been arranged in alphabetical order under each sports heading. An annotation of each film gives a brief summary of its contents.

The footnote which follows this annotation indicates the catalog from which the author secured that particular film.

A total of 512 films covering 33 sports have been collected and catalogued in this chapter.

EXPLANATION OF KEY TO FILM SOURCE LISTINGS

The sources from which these films may be secured are arranged in alphabetical order with their address in the list which follows. The exact company source was given following the annotation of each film. The system used was to list the first word of the film company's name except when more was needed.

The word sale, rent, or loan preceding this word indicates the conditions for obtaining the films.
KEY TO FILM SOURCE LISTINGS

Academy Films, 1448 W. 61 st Street, Los Angeles 44, California
Aetna Life Affiliated Companies, Motion Picture Bureau, Hartford, Connecticut
Akin and Bagshaw, Inc., 1425 Williams Street, Denver, Colorado
American and National Leagues of Professional Baseball Clubs,
64 E. Jackson Blvd, Chicago 4, Illinois
American Film Services, Inc., 1010 Vermont Ave. N.W., Washington, D.C.
American Legion National Headquarters, Indianapolis 6, Indiana
American Museum of Natural History, 77th & Central Park West,
New York, N. Y.
American Olympic Committee, 233 Broadway, New York City
American Red Cross, Motion Picture Distributing Office, 40 E.
49th St., New York City 17, N. Y.
Association Films, YMCA Motion Picture Bureau, 347 Madison Ave.,
New York City 17; 19 S. LaSalle St., Chicago, Illinois
Atlantic Refining Company, Film Lending Library, Sales Promotion Department, 260 South Broad St., Philadelphia 2, Penn.
Bailey Film Service, 1651 Cosmo Street, Hollywood 28, California;
Urbana, Illinois
Ball State Teacher's College, Teaching Material Service, Muncie,
Indiana
Bell and Howell - Filmo Sound Library, 1801 Larchmont Ave.,
Chicago 13, Illinois
Big Bromley, Box 226, Manchester Center, Vermont
Bike-Web Manufacturing Co., 41 W. 25th St., Chicago 16, Illinois
Boy Scouts of America, 2 Park Ave., New York City
Canadian Pacific Railway Co: Chicago, Ill. - Mr. T. J. Wall, 71 E
Jackson Blvd.; Cincinnati, Ohio - Mr. W. A. Shackelford,
Terminal Bldg.; Cleveland, Ohio - Mr. E. A. Kenney, Union
Commercial Bldg.
Castle Films, RCA Building, New York City 20, N. Y; Field Bldg.,
Chicago 3, Ill. (Division of World Films)
Children's Bureau, U. S. Department of Labor, Washington, D.C.
Chicago Tribune Public Service, Tribune Tower, Chicago 11, Ill.
Coronet Instructional Films, 65 E. South Water, Chicago, Ill.
Cournaya Hyde Productions, 1566 N. Gordon St., Los Angeles, Calif.
Davidson, Kenneth R., % General Sportcraft Co., 215 Fourth Ave., New
Davis 66, Dy-Tc ¥, 251 Short St., Lexington, Kentucky/York, 3, N. Y.
DeVry Film and Laboratories, 1111 Armitage Ave., Chicago 14, Ill.
Dunne, Bert Productions, 57 Post St., San Francisco, Calif;
18 E. 41st St. New York City
New York 17, N. Y.
Encyclopedia Britannica Films, Inc., 20 N. Wacker Drive,
Chicago 6, Ill.
Films, Inc., 330 W. 42nd St., New York City 18; 64 E. Lake St.,
Chicago 1, Ill.
Films of the Nations, Inc., 55 W. 45th St., New York City 19, N.Y. 
Gallagher Film Service, 113 So. Washington St., Green Bay, Wis. 
General Mills, Inc., Film Library, 320 Chamber of Commerce Bldg., Minneapolis 15, Minn. 
General Motors Corp., Broadway at 57th St., New York City 19, N.Y. 
General Sportcraft Co., Ltd., 215 4th Ave., New York City 3, N.Y. 
Hawley-Lord Inc., 61 W. 56th St., New York City 19, N.Y. 
Hoffberg Productions, Inc., 620 Ninth Ave., New York City 19, N.Y. 
Horse and Mule Association of America, 407 S. Dearborn St., Chicago, Ill. 
Ideal Pictures Corporation, 28 E. 8th St., Chicago, Ill. 
Illinois, University of: Dept. of Visual Education, Champaign, Ill. 
Indiana University, Audio-Visual Center, Wylie Hall, Bloomington, Ind. 
Institute Cinema Service, Inc., 1560 Broadway, New York City 19, N.Y. 
International Film Bureau, 64 E. Randolph St., Chicago 1, Ill. 
Iowa, University of; Dept. of Visual Education, Iowa City, Iowa 
Kansas, University of; Bureau of Visual Instruction, Lawrence, Kansas 
King Cole's Sound Service, Inc., 340 Third Ave., New York City 10 
Littauer, Captain Vladimir S., Syosset, Long Island, N.Y. 
Los Angeles Rams, 273 South Beverly Drive, Beverly Hills, Calif. 
MacGregor Goldsmith, Inc., John, Findley Streets, Cincinnati 14, Ohio 
Massachusetts Institute of Technology, 69 Massachusetts Ave., Cambridge 39, Massachusetts 
Michigan Dept. of Conservation, Room 328, State Office Bldg., Lansing 13, Mich. 
Minnesota, University of; Bureau of Visual Instruction, Minneapolis 14 Minnesota 
National Collegiate Athletic Association, Mr. Wm. Reed, 304 Hotel Sherman, Chicago, Ill. 
National Film Board of Canada, 620 Fifth Ave., New York City 20; 64 E. Randolph St., Chicago 1, Ill. 
National Parks Bureau, Office of the Comptroller, Dept. of Mines & Resources, Ottawa, Canada 
National Ski Patrol System, 415 Lexington Ave., New York City 17 
New Hampshire, University of; Visual Education Service, Hewitt Hall, Durham, New Hampshire 
Nu-Art Films Inc., 145 W. 45th St., New York City 19 
Official Films, Inc., 25 W. 45th St., New York City 19 
Ohio, State Department of Education. B. A. Auginbaugh, Director of Slide and Film Exchange, State Office Bldg., Columbus, Ohio 
Pan American Union, Motion Picture Section, Washington 6, D.C. 
Pathoscope Company of Northeast, Inc., 438 Stuart St., Boston, Mass. 
Photo and Sound, Inc., 153 Kearny St., San Francisco, Cal.
Physical Fitness, Office of New York State War Council, State
Education Bldg., Albany 1, New York
Pictorial Films, Inc., RKO Bldg., Radio City, New York City 20
Post Pictures Corp., 723 Seventh Ave., New York City 19
Princeton Film Center, Princeton, N. J.
Quebec Tourist and Publicity Bureau, 48 Rockefeller Plaza,
New York City 20
Rogers, Ta N., Productions, 2808-10 E. Slanson Ave., Huntington
Park, Calif.
Scholastic Coach, 220 E. 42nd St., N. Y. City
Simmel-Meservey, 321 South Beverly Dr., Beverly Hills, Calif.
Skibo Productions, Inc., 165 W. 46th St., New York City 19
South Bend Bait Company, Film Service Bureau, South Bend 23, Ind.
Spaulding and Bros., A.G., Inc., 19 Beekman St., New York City
Sports Tips and Teaching Aids, 16301 Park Side Drive, Detroit,
Michigan
State High School Athletic Association in each state.
Stone, M., Room 904, 1472 Broadway, New York City 18
Teaching Film Custodians, Inc., 25 W. 43rd St., New York City 18
Tennessee Valley Authority, Film Circulation Unit, Knoxville, Tenn.
Transfilm, In. 35 W. 45th St., New York City 18
United States Coast Guard, Public Relations, Wilden's Bldg.,
Washington, D. C.
United States Field Hockey Assn., Technical Service, Waubagh, N. Y.;
Also Miss Bina, 1329 Newport Ave., Chicago 13, Ill.
United States Forest Service, Motion Picture Service, U. S. Dept.
of Agriculture, Washington 6, D. C.
United States Lawn Tennis Assoc., 120 Broadway, New York City 5
United States Women's Lacrosse Assn. Miss Burbeck, Skidmore
College, Saratoga Springs, N. Y.
United World Films, R.C.A. Bldg., Rockefeller Center, New York City 20
Van Vleet, Phyllis., 1303 Highland Place, Berkley 8, Calif.
Venard Organization, Peoria 2, Illinois
Victor Surgical Gut Co., 4501 Packers Ave., Chicago 9, Ill.
Visual Education Service, 18 So. LaSalle St., Chicago, Ill.
Wilson Sporting Goods Co., Advertising Dept., 2037 N. Campbell Ave.,
Chicago 4, Ill.
Wisconsin Conservation Dept., State Office Bldg., Madison, Wis.
Wisconsin, University of., Dept. of Visual Instruction, Madison, Wis.
Zurich Insurance Co., 135 S. LaSalle St., Chicago, 3. Ill.
CHAPTER IV
BIBLIOGRAPHY

FILM CATALOGUES USED IN COLLECTING THESE FILMS

1. Bell and Howell Filmo Sound Library, Catalog of Educational Motion Pictures. 1801 Larchmont Ave., Chicago 13, Ill.


5. Educational Motion Pictures 1946 and Supplements: Spring 1947, June 1947. Indiana University, Bloomington, Indiana

6. Manual and Descriptive Catalog of Slides and Films 1946. E. A. Auginbaugh, Director of Slide and Film Exchange. State Department of Education, Columbus, Ohio

7. One Thousand and One. The Bluebook of Non-Theatrical films. Educational Screen. 64 E. Lake St., Chicago, Ill.


CHAPTER V

SOURCES OF SLIDES AND FILMSTRIPS IN PHYSICAL EDUCATION

The author has already pointed out that films furnish the most widely used audio-visual aids in teaching physical education. As can be seen by the large list in the previous chapter many physical education and sports films are now available.

During the recent war a new type of teaching aid, the filmstrip, was put to extensive use. Filmstrips along with various types of slides are now being prepared and used to assist in teaching physical education activities and sports.

This chapter will consist of a complete list of filmstrips and slides covering the sports field.

For the reader's convenience these strips and slides have been arranged alphabetically by title and placed in the proper sports group. All miscellaneous sports are included under the heading: Sports(Varied). Whenever possible annotations are given of each filmstrip or slide. Following each annotation the source is indicated and whether it is for sale, rent or loan.

BASEBALL

BASEBALL Ten complete 35mm filmstrips in natural color(3)

A filmstrip series, directed by Ethan Allen, head baseball coach at Yale University, former major league star and noted baseball author. Major league players are shown demonstrating how to cover infield and outfield positions, base running, sliding, hitting, pitching, catching and coaching. Complete with coaches manual. The outstanding players demonstrating "know how" in this filmstrip series are: Feller, W. Cooper, Mize, Gordon, Pesky, Marion, Stirnweiss, Krowski, Keller, Reiser, Williams, Reese, Herman, Keltner, and Cavaretta.

Rent or Loan: Curriculum Films
**BASKETBALL**

**BASKETBALL 35mm filmstrip (7)**
Sale: Teaching films

**BOATING**

**WATER** Kodachrome slides - Twelve separate series of slides (8)
**AQUAPLANING** Bermuda Islands As 77
**AQUAPLANING** Long Island Sound (taken from stern) Lb 23
**BOATING** "In the pits", National Outboard Regatta, Worcester, Mass., 1940 Lb 14
**NAUTICAL FLAG** on the stern of cruiser in relief against boat's wake Lb 21
**ROWING** Sea Scouts on Lake Michigan Lb 7
**SAILING** "New York", on Long Island Sound Lb 18
**SAILING** Sloop-rigged yacht on Lake Washington, Seattle, Washington Lb 15
**SAILING** small boat Lb 4
**SCHOONER** two-masted with rowboat in tow Lb 19
**SCHOONER** with Marconi and gaff rigging Lb 20
**WATER SKIING** Long Island Sound Lb 22
**YACHT RACING** Marblehead, Massachusetts Lb 10
Sale: Anyone of above series -
2x2 Cardboard Ready-Mounts - 50¢ each
2x2 S.V.E. Binders, mounted between glass - 60¢ each
Society for Visual E.

**DANCING**

**AESTHETIC DANCING** Filmslides (10)
Sale: $2.00 a roll Visual Test & Equipment Co.

**DANCING SERIES** Filmslides (Five separate series of slides)(6)
**BALLROOM DANCING**
**BALLROOM EXHIBITION DANCING**
**NECRO CHILDREN DANCING**
**SPANISH DANCERS**
**TEMPLE DANCERS AT BALI**
Sale: Any of the above series. Society for Visual E.
FIELD HOCKEY

HOCKEY, field Kodachrome slides 2x2 (8)
HOCKEY, formation of girl's team (same) (8)
Sale: Either of above series of slides
2x2 Cardboard Ready-Mounts - 50¢ each
SVE Binders mounted between glass - 60¢ each
Society for Visual E.

FOOTBALL

FOOTBALL Filmslides A series of five separate groups (1)
GUARDS - defensive fundamentals
HANDLING THE BALL
KICKING AND PASSING
TACKLES - offensive play
TYPICAL TEAM PLAY
Rent or Sale: Any of above series. Board of Education

FOOTBALL 35mm filmstrip series color (3)
450 foot reel of 16mm motion picture optional
This new filmstrip and motion picture series has been supervised by Howie Odell, head football coach at Yale University. The motion picture from which the frames of the filmstrip were taken is a 16mm film intended only for educational use, without any entertainment value, and showing the timing, motion, and rhythm, it is an admirable adjunct to the filmstrip. It shows a complete sequence of fourteen basic plays, photographed in actual scrimmage against 5, 6 and 7 line defenses, completely diagrammed and with an amazingly clear photo sequence keyed to the diagram. There are more than 450 individual frames. Players are followed from start to finish of each play and are marked in clearly identifiable colors, so that each man viewing the filmstrip can follow his own position throughout the complete sequence. For instruction in offense or defense, this series is a must for any team. A complete manual is available with this series.
Sale: Entire series - $50 Curriculum Films; 16mm film - $20
FOOTBALL SERIES 35mm filmstrips SVE Picturals (5)
GENERAL FUNDAMENTALS
FUNDAMENTALS OF LINE PLAY
FUNDAMENTALS OF BACKFIELD PLAY

GOLF

GOLF, approach shot over sand trap. Kodachrome slides (8)
Sale: 2x2 Ready-Mounts - 50¢, SVE Binders - 60¢ Society for Visual E.

PHYSICAL FITNESS

CONDITIONING EXERCISES 35mm filmstrip series SVE Picturals (5)
This series demonstrates the physical conditioning exercises which are advocated by a large number of military and civilian leaders in the field of physical education. They are similar to the ones included in the recent Army Field Manual 21-20.
CONDITIONING EXERCISES - The high jumper, The bend and reach, The squat thrust, Rowing exercises.
CONDITIONING EXERCISES - The body twist, The turn and bounce, The squat jumper.
CONDITIONING EXERCISES - The trunk twister, Stationary run, The eight count pushup.
Sale: Set of four films above with manual $10 Visual Research Co.

PHYSICAL FITNESS 35mm filmstrip series SVE Picturals (5)
The material in this two-group series was prepared by Harrison Clarke, director of Graduate Study, Springfield College, Springfield, Massachusetts.
MEETING PHYSICAL FITNESS NEEDS THROUGH PHYSICAL EDUCATION ACTIVITIES TECHNIQUES IN ADMINISTERING AND SCORING PHYSICAL FITNESS TESTS
POSTURE 35mm filmstrips SVE Picturols (5)
CORRECTIVE POSTURE EXERCISES
CORRECTIVE EXERCISES - for specific defects

POSTURE Lantern slides (4)
Series of twenty-five are included in this group.
Sale: 55¢ each; $25.25 with teacher's manual for entire series
Keystone View Co.

RIDING

RIDING SERIES Kodachrome slides (6 separate series) (8)
HORSE RACING, trotters race at a County Fair Lb 17
HORSE RIDING, Central Park, New York City Lb 5
HORSE RIDING, Near Estes Park, Colorado Lb 8
PONIES, Hackney Pony Farm Building (inside) Lb 12
PONIES, Hackney Pony Farm (showing outside) Lb 11
PONIES, Hackney Pony Farm (exercising ponies) Lb 13
Sale: 2x2 Ready-Mounts - 50¢ each
SVE Binders - 60¢ each
Society for Visual E.

SPORTS (VARIED)

LING PHYSICAL EDUCATION ASSOCIATION Filmstrips (9)
A series of strips intended to assist teachers in physical
education to demonstrate the rules of various games and
the correct positions of the players, the principles of health
and hygiene and correct posture in athletics. The series
has been convened, planned and supervised by teachers in
physical education.
ASSOCIATION FOOTBALL
ATHLETICS
NETBALL
SWIMMING
THE CASE FOR POSTURE
Sale or Rent: Any of the above filmstrips Visual Education

PROBLEMS IN SPORTS Filmstrips (7)
Sale: Teaching Films
SAFETY IN SPORTS  Slides and filmstrips (4)
SPORTS AND RECREATION
DANGEROUS SPORTS
Sale: Keystone View Co.

TEAM WORK (2)
Human relations - Senior High School level
Sale or Rent: Committee on Scientific Aids to Learning

SWIMMING AND DIVING

SWIMMING, back afloat  Kodachrome slides (8)  Lb 1
Sale: 2x2 Ready-Mounts - 50¢ each
SVE Binders - 60¢ each
Society for Visual E

TENNIS

STROKE AND TEAM PLAY IN TENNIS  Filmslides (10)
Sale: Two rolls - $2 each. Visual Test and Equipment Co.

TRACK AND FIELD

TRACK AND FIELD ACTIVITIES  Filmslides (1)
Complete set of twenty-seven slides covering the various track and field events.
Sale or Rent: Board of Education

TRACK AND FIELD EVENTS  Filmslide series (1)
This series of slides contains groups on the following track and field events:
HIGH JUMP AND POLE VAULT
HIGH AND LOW HURDLES
SHOTPUT, DISCUS, AND BROAD JUMP
SPRINTING AND DISTANCE RUNNING
Sale or Rent: Board of Education
WATER SAFETY AND LIFE SAVING

SAFETY IN WATER SPORTS  Slides and filmstrips (4)
This series contains nine separate groups as follows:
BOAT RESCUES
METHODS OF RESCUING ANOTHER PERSON
METHODS OF SELF-RESCUE
PRONE-PRESSURE RESUSCITATION
RESCUE EQUIPMENT
SWIMMING
THE (BAD) OLD SWIMMING HOLE
THE (GOOD) NEW SWIMMING HOLE
WILL IT HOLD US?
Sale: Single or group  Keystone View Co.

WINTER SPORTS

WINTER SPORT SERIES  Kodachrome slides (19 separate groups) (8)
ICE BOATING, ice boats at Greenwood Lake, New Jersey  la  13
ICE BOATING, lining up for a race, Greenwood Lake  la  14
ICE CURLING, winter game on the lake at Bridgeton, Me.  la  20
SKATING, ballet number at Ice Show  la  22
SKATING, on a lake in New England  la  19
SKATING, Sonja Henie, as Little Red Riding Hood, in forest, at ice show (distant view)  la  21
SKIER IN ASCENT TO SKI RUN  la  11
SKIERS LEAVING CHURCH prior to ski party  la  3
SKIERS, Mt. Royal Observatory, Montreal  la  6
SKIER PLACED IN CHAIR FOR ASCENT TO SKI RUN  la  9
SKIING CENTER, Mont Tremblant  la  8
SKIING HILL, St. Sauveur  la  10
SKIING HOIST CABLE, St. Adele, Canada  la  2
SKIING SCENE At St. Sauveur in the Laurentians  la  5
SKI SLIDE, Mt. Royal, Montreal  la  7
SKIING SNOW PICNIC  la  4
SKI TRAIN ARRIVING IN THE LAURENTIANS  la  1
SLEDDING, old-fashioned cutter drawn by horse  la  12
START OF THE RACE, Greenwood Lake, N. J.  la  15
Sale: Any of above groups
2x2 Ready-Mounts - 50¢ each
SVE Binders - 60¢ each
Society for Visual E
SAFETY IN WINTER SPORTS Slides and filmstrips (4)
A SIXTY-MILE-AN-HOUR THRILL
CROSS COUNTRY SKIING
SKI JUMPING
Sale: Single series or group Keystone View Co.

WRESTLING

WRESTLING FOR HIGH SCHOOL AND COLLEGE (ADVANCED) 35mm Filmstrip(5)
Advanced techniques in the art of wrestling are shown.
Sale: Film with manual $3 Visual Research Co.

WRESTLING FOR HIGH SCHOOL AND COLLEGE (ELEMENTARY) 35mm Filmstrip(5)
Elementary tactics used in wrestling are pictured and described.
Sale: Film with manual $3 Visual Research Co.

Summary. It has been the author's intention in this chapter to present a complete list of filmstrips and slides that are available to the physical education teacher or coach. For his convenience annotations have been given whenever possible. Most filmstrip companies have explanatory manuals to accompany each strip. These may be had at slight extra cost.

The footnote which follows the title of the previously listed filmstrips and slides indicates the catalogue from which the author secured each. A total of ninety-six filmstrips and slides covering 17 sports have been catalogued and arranged in alphabetical order according to title under the different sports headings.

EXPLANATION OF KEY TO SOURCE LISTINGS FOR FILMSTRIPS AND SLIDES

The sources from which these filmstrips or slides may
be obtained are arranged alphabetically with their address in the list which follows.

The company source is indicated at the bottom of each annotation or listing. The word sale, rent or loan preceding each listing tells the reader the conditions for obtaining that particular teaching aid. In most cases in this chapter the footnote or catalog source is the same as the company source.

KEY TO SOURCE LISTINGS FOR SLIDES AND FILMSTRIPS

Committee on Scientific Aids to Learning, 41 E 42nd St., New York City
Curriculum Films, Inc., RKO Bldg., Radio City, New York 20, N.Y.
Society for Visual Education, Inc., 100 East Ohio St., Chicago 11, Ill.
Teaching Films, Inc., 88 Lexington Ave., New York City 16, N.Y.
Visual Education, Commons Ground Ltd., Sydney Place, London, England
Visual Research Co., 30 North Dearborn St., Chicago, Ill.
Visual Test Equipment Co., 1834 Holmes Ave., Los Angeles, Calif.
1. **Catalog of Visual Aids**, School District of Philadelphia
   The Board of Education - 1943.

2. **Committee on Scientific Aids to Learning**, 41 E. 42nd St.
   New York City.


5. **Library Listing of SVE, 35mm Education filmstrip**, Visual
   Research Co., 30 North Dearborn St., Chicago 2, Ill.

6. **Society for Visual Education, Inc.** Abbreviated summaries
   on Film Listings; SVE Slidefilms, 100 East Ohio St.
   Chicago 11, Ill.

7. **Sports, Physical Education and Recreation Film Guide**
   Published by Business Screen, 812 N. Dearborn St.,
   Chicago 10, Ill.

   Education, Inc. 100 East Ohio St., Chicago 11, Ill.

   Sydney Place, London, England

CHAPTER VI

SOURCES OF OTHER AUDIO-VISUAL AIDS IN PHYSICAL EDUCATION

Although films, filmstrips and slides are very important as audio-visual aids, there are many other teaching aids that can be used with equal success. By other aids the author refers to still pictures, models, charts, diagrams, posters and illustrated pamphlets. In short, any instructional materials that may be used to supplement the verbal method of teaching in physical Education.

In this chapter the author has presented a complete list of Other Audio-Visual Aids for teaching sports. For simplicity these have been arranged alphabetically by title and placed in the correct sports group. As in the previous chapter annotations are given whenever possible. The footnote which follows the title of each aid again indicates the catalog used by the author to find it.

The explanatory key at the end of this chapter tells how and where each aid can be obtained.

SOURCES OF OTHER AUDIO-VISUAL AIDS IN PHYSICAL EDUCATION

ARCHERY

ARCHERY Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

ARCHERY; Procedure for Instruction Illustrated Booklet (7)
Author: William Uhler, Division of Physical and Health Education for the State of New Jersey.
Robin Hood
ARCHERY, Tackle Catalogue  Illustrated (7)
Robin Hood

ARCHERY TACKLE, How to make and How to use it  Illustrated Booklet (7)
Author: Adolph Shae, Iowa State College (1936)
Sale: $1.75 Manual Arts

FUNDAMENTALS OF ARCHERY  Illustrated Booklet (7)
Author: L. E. Stemmler
Stemmler

SYLLABUS ON ARCHERY FOR THE BEGINNER  Illustrated Booklet (7)

BADMINTON

BADMINTON Girls Official Guide (15)
See Sports - Official Sports Library for Women

BADMINTON Official Guide and Rule Book (15)
See Sports - Official Guides

BADMINTON Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

BADMINTON AND TENNIS STROKES  Instructions and Diagrams (4)
Sale: Jumeman Corp.

BADMINTON TIPS  Plates or Charts (12)
Authors: Carl Jackson & Lester Swan
This handy teaching aid for players and instructors consists of 22 plates and over 140 illustrations. It includes such important phases of the game as regular doubles, mixed doubles, the flick and deceptive plays. Fundamental and advanced skills with coaching tips for each are included in this chart and digest form of instruction.
Sale: Cloth bound library edition, $2.25; Plastic bound, $2.00
A set of both, $3.25 Tips

BASEBALL

BASEBALL  Illustrated instructional books (17)
A wide selection of illustrative material for baseball instruction.
Sale: Barnes & Co.
BASEBALL Official Guide and Little Red Book (15)
See Sports - Official Guides

BASEBALL GUIDE 1946 Illustrated (17)
Published by The Sporting News. This guide gives official averages, diamond definitions, official rules and many illustrated features. Published yearly.
Sale: 50¢ Sporting News

BASEBALL'S 400 Illustrations and Pictures (17)
Contains playing facts and figures and personal data about the game's leading 400. Pictures are shown of each.
Sale: Sporting News

CIRCLING THE BASES Illustrated Booklet (8)
Big League stars show you how it should be done. Valuable instruction is given and illustrated.
Sale: 5¢ Spalding

FAMOUS SLUGGER YEAR BOOK 1946 Illustrated (4)
This book is published annually and contains many valuable hints for young baseball players. Pictures are shown of the outstanding sluggers in the game.
Sale: Hillerich

HOW TO PLAY Illustrated (17)
An illustrated instructional book on baseball by the diamond's greatest stars.
Sale: 35¢ Sporting News

NATIONAL SEMI-PRO BASEBALL GUIDE Illustrated (11)
The "Bible" for semi-pros. It includes official rules, national tourney results, and important statistics on semi-pro ball. Contains individual and team photos of leaders in semi-pro ball.
Sale: 50¢ Spalding

WANT TO BE A BASEBALL CHAMPION? Illustrated Booklet (20)
The defensive game of baseball is illustrated by Lew Fonseca, as the manager and instructor. This famous big league player was also a winner of the American League most valuable player award.
Free: Wheaties Library

WANT TO BE A BASEBALL CHAMPION? Illustrated Booklet (20)
The offensive game of baseball is illustrated by Ethan Allen, head baseball coach at Yale University and former major league star.
Sale: Wheaties Library
BASKETBALL

BASKETBALL Official Guide and Rule Book (15)
See Sports - Official Guides

BASKETBALL Official Guide for Girls (15)
See Sports - Official Sports Library for Women

BASKETBALL Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

BASKETBALL AS COACHED BY JOHN LAWThER Illustrated Booklet (9)
Individual and team offense is discussed and illustrated
in this booklet by John Lawther of Penn State College.
Important plays and fundamentals are diagrammed. Other
bulletins are also available from this source.
Free: United States Rubber Co.

BASKETBALL COACHES AND PLAYERS SCRAPBOOK 220 plays illustrated (12)
A source book of plays by leading basketball coaches, this
scrap book was edited by Ray Welsh, Athletic Director at
Sayre High School, Sayre, Pennsylvania. The content consists
chiefly of diagrammed offensive and defensive set-ups,
representing the individual thoughts of the leading basketball
coaches of the United States. This is in two parts: Fundamentals
of team play and Outstanding plays by famous coaches.
Sale: Cloth 6x9 #2.00 Sports Tips

BASKETBALL COACHES DIGEST Illustrated Booklet (9)
Illustrations and diagrams show graphically the important
fundamentals of basketball. A Seal-O-San Publication.
Sale: 25c Huntington

BASKETBALL HINTS Illustrated Booklet (7)
This book contains instructions and illustrations on
fundamentals, championship plays, training advise, and
scouting. Written by famous coaches. Published in 1941
and 1942.
Sale: Hood Rubber Co.

BASKETBALL SHOT CHARTS AND SCOUTING DIAGRAMS (9)
Contains very valuable diagrams and summary charts both
for game summaries and scouting notes. A Seal-O-San Publication.
Sale: 25c Huntington

BASKETBALL YEARBOOK 1946-47 Pictures and Diagrams (9)
Contains not only a pictorial summary of the year's best
college and high school team records but also diagrammed plays
by the coaches of the leading teams.
Free: Converse Rubber Co.
COMBINATION SCORE BOOK AND BASKETBALL CHART (9)
Contains some advertising but includes very useful charts, diagrams, and tournament brackets.
Free: Hillyard

100 DRILLS FOR TEACHING BASKETBALL FUNDAMENTALS Diagrams (9)
This booklet was edited and compiled by Blair Gullion, basketball coach at University of Tennessee. It contains 100 good drills for teaching the fundamentals of the game.
Sale: University of Tenn.

GIRLS' BASKETBALL Charts (7)
Fundamentals of girls' basketball are illustrated by charts. 14x22' in size.
Sale: $1.00 Scholastic

GOAL-HIGH Illustrated Booklet (7)
This official rule book by "Fog" Allen, coach at University of Kansas, is well illustrated and is a good lead-up to basketball.
Sale: $1.00 Medart

HOW TO PLAY WINNING BASKETBALL Illustrated booklet (1)
This concise booklet gives important tips on the fundamentals and techniques of basketball by Adolph Rupp, famous coach of University of Kentucky champions. Drills and plays are well diagrammed. This is the new 1947 edition. It also contains tips on girls basketball by Grace Boyce, Hunter College.
Free: Quaker Oats

HOW TO STAR IN BASKETBALL Illustrated Booklet (6)
This is another book compiled by Adolph Rupp, basketball coach at the University of Kentucky. It contains many diagrams and pictures on basketball fundamentals, such as passing, shooting, foot work, and defense. It also contains suggestions on conditioning.
Free: Quaker Oats

MAGNABOARD Strategy board for basketball (16)
The strategy board is complete with the floor layout and players of different colors. It is very useful as a devise in setting up basketball play situations.
Sale: Felco Athletic
TIPS ON GIRLS' BASKETBALL Plates and charts (12)
These teaching aids or charts were prepared by Ada Mennard of the Detroit Public Schools, who is a noted girls' basketball coach and referee, and was formerly an outstanding player. It includes more than 100 illustrations made from motion pictures with brief suggestions on what to look for. It offers a means of individual instruction in large classes. The contents are: the court, center throw, bounce, juggler, ball handling, passing, shooting, offense, defense, fouls, starting the beginner, practice drills, and game officials. Sale: Cloth bound library $2.25, Plastic bound $2.00 Special set of both $3.25 Sports Tips

THE YOUNG CHAMPS GUIDE TO CHAMPIONSHIP BASKETBALL Illustrated (9)
This pamphlet was prepared by Harry Rice, famous coach. It contains diagrams and pictures of elementary fundamentals in basketball. Plays are also diagrammed. Free: Pennsylvania Rubber

WANT TO BE A BASKETBALL CHAMPION? (For Boys) Illustrated (20)
This booklet was prepared by Dave McMillan and Carl Nordly, head basketball coach and professor of physical education, respectively. It covers by pictures and instruction the important fundamentals of basketball. Do's and don'ts are listed for each fundamental. Sale: Wheaties Library

WANT TO BE A BASKETBALL CHAMPION? (For girls) Illustrated (20)
This booklet was prepared by Kathryn Snell and Eloise Jaeger, physical education instructors at the University of Minnesota. Sale: Wheaties Library

BOATING

BOATING Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

BOYS BOOK OF CANOEING Illustrated (7)
It includes a graphic explanation of the routine of canoe camping and portaging. By Elon Jessup. Sale: $1.00 Dutton

BUILDING BOATS Charts (7)
It includes charts for building the various types of boats such as, the ice yacht, the sailboat, the kayak, as well as the aquaplane, and paddle board. Sale: Harbor Plywood

WATER GAMES AND STUNTS Illustrated Booklet (7)
Sale: 20% National Recreation
WATER PAGEANTS AND STUNTS Illustrated (7)
Illustrated information to produce seven complete pageants.
Sale: Girl Scouts

YACHTING DOWN WHERE THE LAKES BEGIN Pictures (4)
Sale or Loan: Tennessee Valley

BOWLING

BOWLING Official Guide (15)
See Sports - Official Guides

BOWLING Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

BOWLING FOR BEGINNERS Picture Diagrams (7)
It includes cuts showing arrangement of pins, ball and pin, aiming and releasing the ball. By Dorothy Sumptom. 1939
Sale: 40¢ Ohio State, Dept. of Physical Education

WANT TO BE A BOWLING CHAMPION? Illustrated booklet (20)
Ned Day, five time winner of the World's Championship, demonstrates by pictures with discussion bowling fundamentals.
Sale: Wheaties Library

BOXING

BOXING Official Guide (15)
See Sports - Official Guides

HEAVYWEIGHT BOXING CHAMPIONS Illustrated (7)
This booklet pictures the world heavyweight champions from John L. Sullivan to Joe Louis.
Sale: 10¢ Washington

DANCING

AMERICAN FOLK DANCE BOOK Illustrations (7)
It includes illustrated dances for play and party games.
Sale: Promenade
DANCE BOOKS Illustrated (7)
1. Dances of our pioneers with musical arrangements, collected by Grace Ryan. 1939
   Sale: $2.00 each Barnes & Co.
2. Walk Your Way to Better Dancing by Laurence Hostetter. 1942
   Sale: $1.00 Dutton

HOME LESSONS IN TAP DANCING Illustrated (7)
Contains diagrams and indicates the kind of music that is most helpful to learn tap dancing step by step.
Sale: 75¢ each Castellanos

PHONOGRAPH RECORDS AND RECORDINGS (7)
A complete list of phonograph records which are available for teachers to stage dances and arrange programs of recordings.
Sale: 75¢ each Castellanos

PHONOGRAPH RECORDS AND RECORDINGS (7)
Complete lists of records available for party games and square dances. Ask for the Decca Album set No. 2-278.
Sale: Local music stores

PHONOGRAPH RECORDINGS OF LATIN AMERICAN SONGS AND DANCES (7)
A complete annotated list of selected popular and folk music available in phonograph recordings.
Sale: National and International

PROMENADE Illustrated Magazine (7)
This pictorial magazine deals with folk dances, songs, customs, and other dances.
Sale: 15¢ per copy Promenade

SMOKEY MOUNTAIN SQUARE DANCES (7)
Sale: Hendrix

STEERAGE Illustrated book (7)
A physical education exhibition illustrated. For junior and senior high school age groups. It includes dance formations and drills common in the various nations.
Sale: $1.25 Burgess

SWING YOUR PARTNERS Illustrated booklet (7)
A guide book of modern country dancing. Gives information and illustrations on how to give a square dance party.
Sale: $1.00 Daye Press
FENCING

Illustrative circular (7)
Explain how to understand the sport and enjoy it as a spectator.
Free: Amateur Fencing

Visual Aids Charts (15)
See Sports - Visual Aids for Teaching Sports

FIELD HOCKEY

FIELD HOCKEY AND LACROSSE GUIDES FOR GIRLS (15)
See Sports - Official Sports Library for Women

Illustrated book (15)
This book has been written especially to assist instruction of the individual in relation to team play. A series of 41 charts and explanations outline the duties of the individual team members in the fundamentals of field hockey. The contents include history and equipment, technique of strokes, forward and defense play, passing, roll in, free hit, bully, defense tactics, goal keeper and officiating.
Sale: $1.25 Barnes Co.

Illustrated book (15)
See Sports - Visual Aids for Teaching Sports

TIPS ON FIELD HOCKEY Plates or Charts (12)
These charts are based on the author's wide experience as a player, teacher and official of the game. Techniques and tactics are arranged in progressive teaching units which will serve as a useful guide to the teacher. It contains 150 pictures and diagrams with condensed but complete explanations covering all the angles of the game. Contents: Introduction, History, Terms, Equipment, The field, Position of players, The summary of the rules, Bullying, The roll in, Corners, Off side, Running with the stick, Driving, Passing, Dodging, Tackling and the Goal keeper. Tips are also given on offense, defense, umpiring and a group of practice drills.
Sale: Cloth bound $2.25 Plastic bound $2.00
Special set of both $3.25 Sports Tips
FOOTBALL

FOOTBALL OFFICIAL GUIDE AND RULE BOOK (15)
See Sports - Official Guides

HOW TO PLAY WINNING FOOTBALL Illustrated booklet (1)
Expert tips on coaching football are given by Fritz Crisler, coach at the University of Michigan. Diagrams are given for the important fundamentals and plays.
Free: Quaker Oats

INSIDE FOOTBALL Illustrated Booklet (8)
Famous football stars and coaches illustrate the proper methods of kicking, passing, blocking, and tackling.
Sale: 5¢ Spalding

MAGNABOARD Strategy Board (16)
This football strategy board is complete with the field layout and the players of different colors to set up the various plays and formations in football.
Sale: Felco Athletic

PLAY SAFE Illustrative Chart (7)
This 15x17' chart shows the vital parts of the human body in relation to protective football equipment.
Sale: Kenwell Sporting Goods

STRATEGY BOARD, FOOTBALL (17)
Sale: Hurt; Kurz Kitt

THE FOOTBALL VISUALIZER (9)
A convenient medium for scoring that will give you visual facts on your plays and player performance. This modern score keeper is a convenient statistical record of your football games. Every detail in football scoring is included.
Sale: $1.50 Football Visualizer

WANT TO BE A FOOTBALL CHAMPION? Illustrated booklet (20)
Illustrations of fundamentals, individual and team play in football are presented by Bernie Beerman, head football coach of the famous Minnesota Goldern Gophers.
Sale: Wheaties Library

GOLF

GOLF Official Guide (15)
See Sports - Official Guides
GOLF Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

GOLF INSTRUCTION Booklet and Charts (7)
This illustrative booklet with accompanying charts shows the elementary details of golf.
Sale: National Golf

GROOVE YOUR GOLF Picture book (19)
A golf manual which shows you how to improve your game and become an expert. Written by Ralph Guldahl and Bobby Jones. The pictures provide the opportunity to study successive positions in swing and through the illusion of motion to gain an impression of the golfer in action. This illusion of motion is created by flipping the pages of the book in which pictures are arranged in sequence as in a motion picture. Over 300 illustrations are included and valuable instruction is given on technique, training, tips, and diet. This belongs to the famous series formerly called Cine-Sports.
Sale: $3.00 Visual Education

GROUP INSTRUCTION IN GOLF Illustrated Booklet (7)
A handbook of instruction for schools and colleges. Very well illustrated.
Sale: 50¢ Spalding

HOW TO PLAY GOLF Illustrated Book (1)
This illustrated book of golfing intricacies contains many photos of correct strokes and shots by Craig Wood.
Sale: Dunlop

NEW ANGLES ON PUTTING AND CHIP SHOTS Illustrated Book (7)
Sale: $1.00 Reilley

RIGHTS AND WRONGS OF GOLF Illustrated Booklet (1)
Bobby Jones gives expert instruction with the use of pictures.
Sale: Spalding

WANT TO BE A GOLF CHAMPION? (for boys) Illustrated Booklet (20)
Gene Sarazen former National and British Open Champion illustrates and discusses the techniques of a champion.
Sale: Wheaties Library

WANT TO BE A GOLF CHAMPION? (for girls) Illustrated Booklet (20)
Patty Berg, National Women's Champion, Western Women's Champion, and outstanding woman golfer demonstrates and explains the fundamentals of the game.
Sale: Wheaties Library
HANDBALL Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

HIKING AND CAMPING

CAMPCRAFT A B C'S Illustrated Book (7)
This book was written by Kathryn Hammett to give instruction
to camp counselors. It includes information on equipment
for camp crafting, fire building, fire places, outdoor food,
and how to take care of camps. Plenty of illustrations.
Sale: $1.00 Spence

CAMPING PREPARATION Illustrated Pamphlet (7)
Sale: 35¢ Boy Scouts

100 DO'S AND DON'TS OF CAMPING Illustrated (7)
Sale: 25¢ Tapatco

FREE CHARTS ON CAMPING (7)
These charts show how to build various things of interest
to campers, such as blinds and shutters, blackout screens,
shower stalls, and sigh boards.
Free: Harbor Plywood

KNOTS AND SPLICES Illustrated Circular (7)
Sale: Pennsylvania State

MANUAL OF RECREATIONAL ACTIVITIES FOR YOUNG MENS' WORK CAMPS (7)
An illustrative manual on recreation.
Sale: 50¢ National Recreation

OUTDOOR LIVING Illustrated Leaflet (7)
Free: Cornell

SERIES OF COLORED PICTORIAL MAPS (7)
Maps for every state of the union are included to show historical
events and the other main points of interest. Free to teachers.
Free: McCormick Armstrong

THE COMPASS, SIGNPOST OF THE WORLD Illustrated Booklet (7)
Sale: 15¢ Taylor Instrument

USEFUL KNOTS AND HOW TO TIE THEM Illustrated Pamphlet (7)
Free: Plymouth Cordage
HORSESHOES

HORSESHOES Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

LACROSSE

FIELD HOCKEY AND LACROSSE Girls Official Guide (15)
See Sports - Official Sports Library for Women

LACROSSE Official Guide & Rule Book (15)
See Sports - Official Guides

LACROSSE Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

PHYSICAL FITNESS

AM I PHYSICALLY FIT? Illustrated Leaflets (1)
These leaflets for boys and girls emphasize good posture. Usable in both the high school and college level.
Free: Bristol Myers

A PRIMER OF PHYSICAL FITNESS Illustrated Pamphlet (1)
Invaluable basic fitness instructions as shown by pictures.
Free: Hudnut Sales

COMMUNITY ORGANIZATION FOR PHYSICAL FITNESS (1)
Suggestions and plans for setting up the organization and procedures to provide physical fitness opportunities.
Free: Federal Security

PHYSICAL FITNESS AND COMMUNITY ATHLETICS Diagrams (1)
Outlines of a program to improve the physical, mental and moral status of a nation. 31 pages.
Free: American Legion

PHYSICAL FITNESS APPARATUS Illustrated (1)
A detailed description with pictures of physical fitness equipment needed for a good program.
Free: Medart
PHYSICAL FITNESS FOR AMERICA Illustrated (1)
Reprints from Hygeia on the need for strong physical education programs.
Free: Federal Security

PHYSICAL TRAINING Illustrated book (1)
Practical suggestions for the instructor are given in this well planned gymnasium course presenting a complete program for beginners, intermediate and advanced classes. Richly illustrated. Also includes posture charts for both men and women. Written by Charles Miller, University of Nebraska.
Free: Medart

PYRAMIDS ILLUSTRATED (15)
A comprehensive manual for classroom and exhibition purposes. In this book 221 pyramids are drawn and described.
Sale: $3.00 Barnes & Co.

SOME FACTS ABOUT PHYSICAL FITNESS OF GIRLS AND WOMEN Graphic (1)
Graphs and tables resulting from the study of the United States Public Health Service.
Free: Federal Security

RECREATIONAL GAMES

GAMES AND DANCES FOR EXERCISE AND RECREATION Illustrated book (7)
Sale: $3.00 Presser Co.

GAMES, DANCES, AND ACTIVITIES FOR PHYSICAL EDUCATION Illustrated(7)
A wide selection of games for each grade in elementary and junior high level. Richly illustrated.
Sale: $2.00 Noble & Noble

GAMES FOR YOUNG AND OLD Illustrated Booklet (7)
Indoor and outdoor games, serious and fantastic games. Other publications are available. Send for a free list.
Sale: 10¢ Washington Service

GROUP GAMES FOR HIGH SCHOOL, COLLEGES AND RECREATIONAL GROUPS (14)
Selected games for large gymnasium classes and recreational groups. Illustrated booklet. 27 pages.
Sale: 25¢ National Section
HANDBOOK FOR RECREATION LEADERS (1)
Suggestions and illustrations for games of different sex and age groups. Send for Bulletin No. 231 when ordering.
Sale: 20¢ United States Dept. of Labor

IDEA BOOK Illustrated (4)
Contains many ideas for children's games, parties and stunts.
Free: Canada Dry

ILLUSTRATED SUGGESTIONS FOR AN AMATEUR CIRCUS (7)
This pamphlet includes a complete bibliography.
Sale: 25¢ National Recreation

INTERESTING HOBBIES Illustrated (4)
Free: University of Nebraska (College of Agriculture)

LEISURE FOR LIVING (1)
Discusses what can be done for youth during leisure.
Free: United States Dept. of Interior

MATERIAL OF INTEREST TO TEACHERS (1)
Publications and other illustrative material for teachers engaged in recreational work.
Free: Supt. of Documents

MODERN RECREATION SERIES (7)
Illustrated publications containing gags, clowning, clown costumes, and make up.
Sale: 25¢ Chicago Park

RECREATION Magazine (14)
The magazine of the Recreation Movement.
Sale: $3.00 for 1 year National Recreation Assn.

RECREATION FOR 4H CLUBS Illustrative Bulletin (7)
Includes home made games of skill, puzzles for pleasure and nature games.
Sale: 10¢ Ohio State Agriculture Extension Service

RECREATIONAL GAMES Illustrated Booklets (7)
1. Children's Play: Singing and Folk Games
2. Games We Like Best: Socializers and Quiet Games
3. Handy Play Party Booklet: Singing Games and Folk Songs
Sale: 25¢ each (1 & 2); $1.00 (3) Cooperative Recreation
RECREATION PAMPHLETS Annotated Listings (4)
Each of these booklets listed gives a complete annotation of the illustrative publications available in recreation that are published by the National Recreation Assn.
1. Fundamentals in Community Recreation
2. Nineteen Recreation Principles
3. Why Playgrounds
Send for these as listed in Topics 1 to 4.
Free: National Recreation

THE CIRCUS IS IN TOWN Illustrated pamphlet (7)
Contains ideas for an amateur circus and how to run it.
Sale: 10¢ Woman's Home

THE COLUMBIA KNOT CHARTS (4)
1. How to Splice Rope
2. Rope Knowledge for Scouts
Free: Columbia Rope

WANT TO BE A HOME AND NEIGHBORHOOD GAMES CHAMPION? Illustrated (20)
Compiled by Carl Nordly. National known authority on physical education and recreation. Illustrated and explained.
Sale: Wheaties Library

RESTRICTED:CORRECTIVE

FREE ILLUSTRATED LEAFLETS (3)
1. Care of the Feet in Children
2. The School Child's Posture
Free: Joint Orthopedic

FREE ILLUSTRATED PAMPHLETS (3)
1. Blueprints for Body Balance
2. The Human Back; Its relation to posture and health.
Free: Camp & Co.

GOOD POSTURE IS IMPORTANT TO GOOD HEALTH CHART (10)
A wall-sized colored chart.
Hood Rubber Co.

HEIGHT OF GIRLS AND BOYS Charts (10)
Wall-sized charts 8½ x 11 in size.
Sale: 20¢ Pictorgraph
HEIGHT-WEIGHT WALL CHARTS (1)
Contains advertisement by Pepsodent. The correct method for brushing the teeth is shown. For use in the upper grades. Free: Pepsodent

HOW DOES YOUR POSTURE LINE UP? Illustrated (1)
Recommended exercises as an aid to good posture. Free: War Department

POSTER FOR CORRECT SITTING POSITION Wall sized (3)
Sale: 10¢ Palmer Co.

POSTURE EXERCISES: A HANDBOOK FOR SCHOOLS Illustrated (3)
Publication No. 166 available for teachers in physical education. Contains eight lessons and charts. Sale: 10¢ United States Children's Bureau

SPORTS FOR THE HANDICAPPED Illustrated book (7)
This book is by George T. Stafford of the University of Illinois, who is a noted authority on sports for the handicapped. Will illustrated and highly worth while. Sale: Prentiss Hall

WALL CHART ON FOOT HEALTH (1)
This wall chart depicts bad and good postures and the effects of each. Free: Hood Rubber Co.

WEIGHT CHARTS (10)
Individual charts for pupils in either elementary or high school are available to teachers. Free: Horlicks

POSTURE AND FEET Charts and posters (3)
Wall sized charts are available to teachers. Free: American Seating

YOUR FOOT HEALTH Illustrated (1)
Diagnosis of common foot ailments giving helpful suggestions for relief. Free: Walkover Shoes
RIDING

A TENDERFOOT LEARNS TO RIDE Illustrated Booklet (7)
It includes horse trail etiquette.
Sale: 30% Chicago Tribune

RIDING Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

SOCCER: SPEEDBALL

SOCCER AND SPEEDBALL Girls Official Guide (15)
See Sports - Official Sports Library for Women

SOCCER Official Guide and Rules Book (15)
See Sports - Official Guides

SOCCER Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

SOFTBALL

OFFICIAL SOFTBALL RULE BOOK OF 1946 (4)
Official rules, sidelights, and photographs of softball
sports personalities.
Free: Hillerich

SOFTBALL AND VOLLEY BALL Girls Official Guide (15)
See Sports - Official Sports Library for Women

SOFTBALL Official Guide and Rule Book (15)
See Sports - Official Guides

SOFTBALL Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

WANT TO BE A SOFTBALL CHAMPION? Illustrated booklet (20)
Compiled by Ty Gleason and Arnie Simso, nationally
known players and coaches of champion softball teams.
Sale: Wheaties Library
SPORTS (VARIED)

APPROVED LAYOUTS AND OFFICIAL DIMENSIONS OF PLAYING AREAS (17)
Separate diagrams with dimensions are given for the following:
Archery
Badminton Court
Baseball diamond
Basketball court
Football field
Football field (six man)
Handball court
Soccer field
Hockey, field
Hockey, ice
Horseshoe court
Bowling alley
Paddle tennis
Shuffle board
Track layout
Table tennis
Tennis court
Volley ball court
Softball diamond
Squash
Tracks, ice skating

Loan: Local Sporting Goods Dealer; Spink & Son

ATHLETIC BADGE TESTS FOR BOYS AND GIRLS (1)
Measurable standards useful in the physical education program.
Free: National Recreation

ATHLETIC FIELD AND COURT BOOKLETS Diagrams (1)
Diagrams of indoor and outdoor athletic fields and courts are given. Also is listed how to arrange tournament brackets and league schedules, weight charts and other helpful data for athletic programs.
Free: Lowe and Campbell

ATHLETIC MEET AND WATER STUNTS (7)
Illustrated pamphlets on how to stage an athletic or water meet.
Sale: 10 & 20¢ National Benjamin Franklin

DECK TENNIS Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

FIELD AND COURT DIMENSIONS Large Diagram (9)
This diagram is made up o individual lay outs of the leading sports of today. It serves as an excellent poster for athletic offices and bulletin boards and a ready reference to furnish correct dimensions for individual sports fields.
Free: Lowe and Campbell, Rawlings, Wilson

INDIVIDUAL SPORTS Official Guide (15)
See Sports - Official Sports Library for Women

INSIDE TIPS ON SPORTS (7)
Famous coaches discuss football, basketball, and indoor sports.
Free: Davis Co.
MODERN RECREATION SERIES  Illustrated Booklets (7)
Titles include Archery, Badminton, Baseball, Diving, and others.
Sale: 10¢ - 35¢ Chicago Park

SHUFFLEBOARD  Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

SPALDING SPORT SHOW  Illustrative cartoons (1)
Interesting facts on all kinds of sports are pictured by cartoons.
Free: Spalding

SPORTS BOOKS  Annotated list (7)
A complete list of sports books most of which are illustrated
can be obtained by writing for "The Complete Catalogue of
Barnes Books".
Free: Barnes & Co.

SPORTS (U.S.) RULE BOOK  Illustrated (9)
Contains important rules with field and court diagrams
illustrating 22 popular sports of the United States. Contains
the following sports: Touch football, Football, Basketball,
Baseball, Track, Golf, Bowling, Softball, Tennis, Swimming,
Badminton, Volleyball, Calisthenics, Table Tennis, Boxing,
Wrestling, Handball, Squash, Sixman football, Horseshoes,
Hockey and Archery.
Sale: 50¢ Crewdson

THE OFFICIAL GUIDES, RECORDS AND RULES BOOKS  Illustrated (15)

<table>
<thead>
<tr>
<th>CODE</th>
<th>TITLE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>BM</td>
<td>THE OFFICIAL ABA BADMINTON GUIDE</td>
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<tr>
<td>BA</td>
<td>THE OFFICIAL BASEBALL GUIDE</td>
<td>.50</td>
</tr>
<tr>
<td>RB</td>
<td>THE LITTLE RED BOOK OF BASEBALL</td>
<td>.75</td>
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<tr>
<td>BB</td>
<td>THE OFFICIAL NBC BASKETBALL GUIDE</td>
<td>.50</td>
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<tr>
<td>BR</td>
<td>THE OFFICIAL NBC BASKETBALL RULES</td>
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<tr>
<td>BW</td>
<td>THE OFFICIAL ABC BOWLING GUIDE</td>
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<td>BO</td>
<td>THE OFFICIAL NCAA BOXING GUIDE</td>
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<td>FB</td>
<td>THE OFFICIAL NCAA FOOTBALL GUIDE</td>
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<td>FR</td>
<td>THE OFFICIAL NCAA FOOTBALL RULES</td>
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<td>IH</td>
<td>THE OFFICIAL NCAA ICE HOKEY GUIDE</td>
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<td>NH</td>
<td>THE OFFICIAL NATIONAL HOKEY GUIDE</td>
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<td>LC</td>
<td>THE OFFICIAL NCAA LACROSSE GUIDE</td>
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<td>SK</td>
<td>THE NATIONAL SKING GUIDE</td>
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<td>SB</td>
<td>THE OFFICIAL ASA SOFTBALL GUIDE</td>
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<td>SO</td>
<td>THE OFFICIAL NCAA SOCCER GUIDE</td>
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<td>THE OFFICIAL NCAA SWIMMING GUIDE</td>
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<td>THE OFFICIAL USLTA TENNIS GUIDE</td>
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<td>TF</td>
<td>THE OFFICIAL NCAA TRACK AND FIELD GUIDE</td>
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<tr>
<td>VB</td>
<td>THE OFFICIAL USVBA VOLLEY GUIDE</td>
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Sale: Barnes & Co.
WHEATIES LIBRARY OF SPORTS (20) Illustrated Booklets

WANT TO BE A BASEBALL CHAMPION? (Defense)
WANT TO BE A BASEBALL CHAMPION? (Offense)
WANT TO BE A BASKETBALL CHAMPION? (Boys)
WANT TO BE A BASKETBALL CHAMPION? (Girls)
WANT TO BE A BOWLING CHAMPION?
WANT TO BE A DIVING CHAMPION?
WANT TO BE A FOOTBALL CHAMPION?
WANT TO BE A GOLF CHAMPION? (Boys)
WANT TO BE A GOLF CHAMPION? (Girls)
WANT TO BE A HOME AND NEIGHBORHOOD GAMES CHAMPION?
WANT TO BE A SOFTBALL CHAMPION?
WANT TO BE A SWIMMING CHAMPION?
WANT TO BE A TENNIS CHAMPION? (Boys)
WANT TO BE A TENNIS CHAMPION? (Girls)
WANT TO BE A TRACK AND FIELD CHAMPION?

Sale: Wheaties Library

SWIMMING AND DIVING

AQUATIC GAMES, PAGEANTS, AND STUNTS Diagrams and charts (9)
A new brochure, practical and complete and it contains
descriptions, diagrams, and charts of hundreds of water games,
pageants, and stunts.
Sale: $2.50 each; $2.00 each for 6 or more Beach & Pool

SWIMMING AND DIVING Illustrated (7)
This booklet contains illustrated instructions on swimming
and diving. A chapter on life saving with diagrams in included.
Sale: 10c Washington Service

SWIMMING AND DIVING Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

SWIMMING Official Aquatic Guide for Girls (15)
See Sports - Official Sports Library for Women

SWIMMING Official Guide and Rule Book (15)
See Sports - Official Guide

TEACH YOURSELF TO SWIM Illustrated Pamphlet (1)
Self instruction methods on learning how to swim are
described and illustrated in this booklet by Paul A.
Hudepohl.
Free: Jantzen Swimming
SWIMMING TIPS  Diagrams and charts (12)
This is a chart and digest form of instruction, not merely a set of posters. It is especially designed as a teaching device with emphasis placed on how to learn each skill. It contains approximately 200 illustrations made from motion pictures combined with explanations and analyses of each skill. The contents follow: Showers, First attempts in the water, The crawl, Learning to dive, Underwater turn, Side stroke, Treading water, Back stroke, Back stroke turn and start, The breast stroke, The butterfly breast stroke, Breast stroke turn, Diving lead ups, Diving faults, Front jack, Back dive, Swan with half twist, Front one and one-half somersault, Half gainer, Scoring table, Introduction to life saving, Frog kick, Tired swimmer carry, The approach and carry, The wrist lock and break, Strangle holds and breaks, Resuscitation, Life saving tests and Standard swimming and diving exercises.
Sale: Cloth bound $2.25; Plastic bound $2.00, Special set of both $3.25 Sport Tips

WANT TO BE A DIVING CHAMPION? Illustrated booklet (20)
Charles Diehl, Worlds Heavy Weight Diving Champion, and National Star of Water Follieed and Aquatic Shows, instructs and demonstrates the proper techniques of diving.
Sale: Wheaties Library

WANT TO BE A SWIMMING CHAMPION? Illustrated Booklet (20)
Prepared by Matt Mann, head swimming coach at the University of Michigan. Illustrations and instructions are given in the various swimming strokes and other fundamental techniques of swimming.
Sale: Wheaties Library

TABLE TENNIS

TABLE TENNIS  Visual Aid Charts (15)
See Sports - Visual Aids Charts for Teaching Sports

TENNIS

STROKING WITH VINCENT RICHARDS  Illustrated (4)
Suggestions and demonstrations on the techniques and rules of the game. Proper form in tennis playing is illustrated.
Sale: Dunlap Tire
TENNIS Official Guide and Rule Book (15)
See Sports - Official Guide

TENNIS Visual Aids Charts (15)
See Sports - Visual Aids for Teaching Sports

TENNIS AND BADMINTON Official Guide for Women (15)
See Sports - Official Sports Library for Women

WANT TO BE A TENNIS CHAMPION? (Boys) Illustrated booklet (20)
Prepared by the United States singles champion, Don Budge. Proper techniques are demonstrated for the various tennis strokes and other fundamentals of the game.
Sale: Wheaties Library

WANT TO BE A TENNIS CHAMPION? (Girls) Illustrated booklet (20)
Prepared by Alice Marble, famous woman's title holder.
Sale: Wheaties Library

TRACK AND FIELD

CINE-SPORT LIBRARY Picture demonstration book. (19)
This great sports library is made up of picture demonstration books of the various track and field events. They show clearly, simply, and graphically the championship form required to be an outstanding track and field athlete. Moving demonstrations are obtained by flipping the pages of the book. Pictures of outstanding athletes in action are so arranged in sequence so as to give the same effect as a motion picture of the athlete in action. Each book contains the following:
1. Moving pictures of the event.
2. Moving pictures of important exercises.
3. Complete description of the event.
4. The secret techniques exposed.
5. Correct diet information.
6. Correct training schedule.
7. A decathlon table.
8. Medical aspects for the event.
9. How to pick a potential champion.
10. Athletic coaching and training.
12. Over 300 illustrations.
Rating: Excellent. These books have been used by the author with great success. A boy can spend more time with a Cine-Sport Book than the coach can spend with the boy. The Cine-Sports Library includes separate books on track and field events. These will be listed separately with brief annotations for each. They may be purchased separately or as a set.
Sale: $1.00 each; $5.00 for 6 Visual Education Press
BROAD JUMP, HOP-STEP-AND JUMP  A Cine-Sports Book (19)
This highly illustrated book was written by Dean Cromwell,
track coach at University of Southern California, whose success
with broad jumpers has been unique. Moving pictures are
shown of Olson, ICAA champion, to demonstrate correct techniques.

DISCUS  A Cine-Sports Book (19)
Compiled by Dean Cromwell. This book is of great value because
it tells and shows with pictures the correct method of getting
the greatest possible distance in throwing the discus. 300
illustrations show Carpenter, Olympic champion in proper form
and exercises for his event.

DISTANCE RUNS, CROSS COUNTRY  A Cine-Sports Book (19)
A complete booklet of pictures for the distance runner, by
E. C. Hayes, track coach at Indiana University. His teams
hold countless distance titles and world's records. Don
Lash and Deckard, two of his stars, are shown in the moving
to explain his methods of getting results. Conditioning
pictures to explain his methods of getting results. Conditioning
exercises are included.

HIGH JUMP  A Cine-Sports Book (19)
Another demonstration book by Dean Cromwell. All the different
styles of jumping are described in detail. Recommendations
are made for the athlete to determine the best style for his
needs. Moving pictures show Thurber, former Olympic star.

HURDLES  120-220-440  A Cine-Sports Book (19)
Dean Cromwell's secrets for developing champions in this event
are shown in this book. Up to date coaching methods are told
and illustrated throughout the moving picture form showing
accepted hurdling styles. One of the most important parts is
the group of pictures demonstrating special exercises for
hurdles. Ideal for either the coach or the athlete.

JAVELIN  A Cine-Sports Book (19)
Dean Cromwell explains the correct technique of the American
styles and thoroughly discusses the Finnish style with 300
pictures devoted to showing this technique. Relay racing
is also taken up in this demonstration book.

MIDDLE DISTANCE RUNS  A Cine-Sports Book (19)
Another picture demonstration book written by Indiana's
track coach, E. C. Hayes. He is America's most consistent
developer of middle distance stars. Inside information is
given on the proper training methods for middle distance
runners. The conditioning program is thoroughly worked out.
Moving pictures are shown of Lash, Trutt, Zamperini, and
Deckard, each of which is a champion.
POLE VAULT  A Cine-Sport Book (19)
Another demonstration book by Dean Cromwell, maker of
pole vault champions. This book is very valuable because
pole vault is one of the most difficult events to coach.
Over 300 demonstrations thoroughly illustrate all phases of
the vault. Moving pictures are shown of Bud Day and Ken
Dills. Both are champion vaulters.

SHOT PUT, HAMMER THROW  A Cine-Sports Book (19)
Dean Cromwell discusses the technique for the popular weight
events. Additional material is given by Owen Hanson, Southern
California's famous midget shot putter. Pictures show Hanson
in action demonstrating correct form.

SPRINT RACES  A Cine-Sports Book (19)
This is by Dean Cromwell and contains over 300 illustrations
in correct technique for sprinters. Every phase from starting
to finishing is included. Picture form is shown by Ralph Metcalf,
former Marquette star; Frank Wycoff, world's fastest human,
and Charles Parsons, former Southern California star.

TRACK  Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

TRACK AND FIELD  Official Guide and Rule Book (15)
See Sports - Official Guides

TRACK AND FIELD  Official Guide for Women (15)
Official recreation games and sports guide with track and field.
See Sports - Official Sports Library

TRACK AND FIELD SCORE CARDS  (9)
Each set consists of one standard size filing folder for
tabulating results, recording team scores, listing officials
plus one card for each event.
Sale: 60¢ Olson

WANT TO BE A TRACK AND FIELD CHAMPION? Field Events  (20)
Tom Jones, track coach at the University of Wisconsin, tells
how in this illustrative booklet.
Sale: Wheaties Library

WANT TO BE A TRACK AND FIELD CHAMPION? Track Events  (20)
This illustrated booklet was prepared by Leo Johnson, famous
track coach at the University of Illinois.
Sale: Wheaties Library
VOLLEY BALL

VOLLEY BALL Official Guide and Rule Book (15)
See Sports - Official Guides

VOLLEY BALL Official Guide for Women (15)
Official Softball-volley ball guide for women.
See Sports - Official Sports Library for Women

VOLLEY BALL Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

WATER SAFETY AND LIFE SAVING

ENJOY WATER SPORTS AND LIVE Illustrated Pamphlet (4)
This booklet illustrates through the media of pictures the
proper methods of practicing water safety and yet having fun.
Free: Aetna Life

WINTER SPORTS

HOCKEY Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

HOCKEY GUIDE Picture guide (7)
This guide tells who's who in hockey. Published annually.
Sale: 25¢ National Sports

ICE DANCES Diagrams (7)
This pamphlet deals with both ice and roller skating. Clear
explanations are given by the use of diagrams.
Sale: $1.00 United States Figure Skating

ICE HOCKEY Official Guide and Rule Book (15)
See Sports - Official Guides

NATIONAL HOCKEY Official Guide and Rule Book (15)
See Sports - Official Guides

NATIONAL ICE SKATING GUIDE (7)
Furnishes complete information for skaters with illustrations.
Sale: National Sports
RECORDINGS Audio-Aids (7)
These are available in a variety of 10 inch double face records suitable for ice skating and roller skating.
Sale: $1.00 each General Records

SKATING Visual Aids Charts (15)
See Sports - Visual Aids for Teaching Sports

SKIING Official Guide and Rule Book (15)
See Sports - Official Guides

SKIING Visual Aid Charts (15)
See Sports - Visual Aids for Teaching Sports

WINTER SPORTS Official Guide for Women (15)
Official Winter Sports and Outing Guide
See Sports - Official Sports Library for Women

WRESTLING

JAPANESE WRESTLING, SUMO Illustrated Booklet (7)
Ask for publication No. 34 Revised
Sale: 35¢ Perkins

JUDO (JU JITSU) Illustrated Booklet (7)
Written and illustrated by Jigoro Kano. Tourist Library No. 16.
Sale: 35¢ Perkins

MARIETTE'S SIMPLIFIED JU JITSU Illustrated (7)
Offense and defense fundamentals are shown.
Sale: Barnes & Co.

WRESTLING Official Guide and Rule Book (15)
See Sports - Official Guides
Summary. It has been the purpose of the writer in this chapter to locate and catalogue the important audio-visual aids in physical education not included in the two previous chapters. It is not the claim of the author that all the other teaching aids have been collected. However, it is believed that this is the most complete list of teaching aids to be compiled in the field of sports.

A total of two-hundred twenty-four audio-visual aids covering thirty-two different sports have been catalogued in this chapter. For the reader’s convenience these are listed alphabetically by title under the proper sport heading. Annotations are given whenever available. Credit is given to the catalogue source of each aid by means of a footnote.

EXPLANATION OF KEY TO SOURCE LISTINGS OF THIS CHAPTER

The sources for the teaching aids listed in this chapter follow this explanation. These companies have been arranged alphabetically with their addresses. The source of each aid was indicated in this chapter at the bottom of each write up by listing the first word or words of the correct company.

Conditions for obtaining the aid was indicated whenever possible by the words free, or sale.
KEY TO SOURCE LISTINGS OF OTHER AUDIO-VISUAL AIDS IN PHYSICAL EDUCATION

Aetna Life Affiliated Company, 151 Farmington Ave., Hartford, Conn.
Amateur Fencing League of America, 25 Beaver St., New York City
American Golf Institute, 18 Beekman St., New York City
American Legion, National Headquarters, Indianapolis 6, Indiana
American Seating Co., Ninth & Broadway, Grand Rapids, Michigan
Barnes & Co., A.S., 67 West 44th St., New York City
Barnes Press, Inc., 20 Van Dam St., New York City
Beach and Pool and Swimming, Book Dept., 425 4th Ave., New York 16
Boy Scouts of America, 2 Park Ave., New York City
Bristol-Myers Co., 45 Rockefeller Plaza, New York 20, New York
Burgess Publishing Co., 426 South 6th St., Minneapolis, Minnesota
Camp and Company, S.H., 330 5th Ave., New York City, N.Y.
Canada Dry Ginger Ale, Inc., 100 East 42nd St., New York 17, N. Y.
Castellanos-Molina Corporation, 45 West 116th St., New York City
Chicago Park District, Burnham Road, Chicago, Illinois
Chicago Tribune, Tribune Tower, Chicago, Illinois
Converse Rubber Co., West Monroe St., Chicago 6, Illinois
Cooperative Recreation Service, Delaware, Ohio
Cornell University, Agriculture Experiment Station, Ithica, N.Y.
Crewdson and Custer, 360 East Grand Ave., Chicago, Illinois
Davis Company, R.B., Hoboken, New Jersey
Daye Press, Stephen, Brattleboro, Vermont
Dunlap Tire and Rubber Corp., Sports Dept., 500 5th Ave., New York City
Felco Athletic Wear Co., 543 Broadway, New York 12, N. Y.
Football Visualizer, The, Box 131-B, Flourtown, Pennsylvania
General Records Co., 1600 Broadway, New York, New York
Girl Scouts, Inc., 155 East 44th St., New York New
Harbor Plywood Corp., Hoquiam, Washington
Hendrix, D. B., County Agent, Sevierville, Tennessee
Hellerich & Bradshy Co., Inc., 454-436 Finzer St., Louisville 2, Ky.
Hillyard Chemical Co., Box 1186, St. Joseph, Missouri
Hood Rubber Co. Inc., 211 West Broadway, New York City, N.Y.
Horlick Malted Milk Inc., Racine, Wisconsin
Hudnut Sales Co. Inc., 113 West 18th St. New York 11, New York
Huntington Laboratories Inc., Huntington, Indiana
Hurt, V. C., Lawrence, Kansas
Joint Orthopedic Nursery Service, 1790 Broadway, New York City
Juneman Corporation, E. P., 110 West 47th Place, Chicago, Ill.
Ken-Well Sporting Goods Co., 524 Katherine St., Utica, New York
Tapatco, Greenfield, Ohio
Taylor Instrument Company, Rochester, New York
Tennessee Valley Authorities, Knoxville, Tennessee
University of Nebraska, College of Agriculture, Lincoln, Nebraska
University of Tennessee, Physical Education Department, Knoxville, Tennessee
United States Children's Bureau, Washington, D. C.
United States Department of Labor, Washington, D. C.
United States Rubber Company, Rockefeller Center, New York 20, N. Y.
United States Figure Skating Association, 1 Telford St., Brighton Station, Boston, Massachusetts
Visual Education Press, 16 South 5th Street, Reading, Pennsylvania
Walk-over Shoes, George E. Keith Co., Brockton 63, Massachusetts
War Department, Office of the Secretary of War, Washington D. C.
Washington Service Bureau, 1013 13th Street, Washington, D. C.
Wheaties Library of Sports, General Mills Incorporated, Minneapolis, Minnesota
Woman's Home Companion Service Bureau, 250 Park Avenue, New York City
Woodcraft Equipment Company, Independence, Missouri
BIBLIOGRAPHY

CATALOGUES USED FOR SOURCES OF OTHER AUDIO-VISUAL AIDS IN PHYSICAL EDUCATION


2. Free and Inexpensive Learning Materials, Curriculum Laboratory, George Peabody College for Teachers, Nashville, Tennessee.

3. Health Education for all Ages 1944, Compiled by Lili Heimers, Director, Teaching Aids Service Laboratory, Edited by Margaret G. Cook, Librarian, New Jersey State Teacher's College, Upper Montclair, New Jersey.


7. Recreation 1943, Compiled by Lili Heimers, Director, Teaching Aids Service Laboratory, Edited by Margaret G. Cook, Librarian, New Jersey State Teacher's College, Upper Montclair, New Jersey.


9. Same Footnote as the Source of the Audio-Visual Aid.


14. The National Section of Women's Athletics, 1201 16th Street NW
   Washington 6, D. C.

15. The Complete Catalog of Barnes Books 1946, A. S. Barnes
   and Company, 67 West 44th Street, New York 18, New York

16. The Shroyer's Sporting Goods Company, East 4th Street, Dayton, Ohio

17. The Sporting Goods Trade Directory of The Sporting Goods Trade,
   Published by C. C. Spink and Son, Compiled by C. C. Spink II.
   St. Louis, Missouri

18. United States Office of Education, Superintendent of Documents,
   Washington, D. C.

19. Visual Education Press, 16 South 5th Street, Reading, Pennsylvania

20. Wheaties Library of Sports, General Mills Incorporated,
    Minneapolis, Minnesota
CHAPTER VII

SUMMARY

In preparing this thesis the author had in mind a two-fold purpose. The first was to present a clear picture of the field of audio-visual aids and to present definite reasons for the use of such aids in teaching physical education activities. The first three chapters of this thesis are intended to accomplish this aim. The second and more important design of the author was to compile a complete source list of the audio-visual aids available for teaching physical education and sports. The last three chapters are devoted to this purpose.

In the discussion of the preliminary chapters it is pointed out that audio-visual aids consist of almost the entire field of illustrative material. This field is composed of three general groups - visual aids, sound aids and combinations of the two. Visual aids include pictorial materials of all types, namely, school journeys, plays and pageants, the use of objects or models, graphic materials, photographs, slides, filmstrips and the silent motion picture. Sound or audio aids are those teaching aids which depend upon sound for their value as learning devices. The most common examples of these are phonograph records, radio programs, transcriptions and the school radio-sound system. Combination sound and
visual aids represent the latest development in the sphere of training aids to education and consist of both the visual aid and the sound aid in synchronization. The most important examples of these are the sound motion picture, sound slide film and television.

Throughout this thesis the author has considered any one of the previous groups to be a part of the entire field of audio-visual aids and has made no attempt to treat each as a separate group.

The use of visual or audio-visual materials in teaching dates back to the nineteenth century. Rapid progress has been made in nearly every phase of this field of education since that time. This fact is pointed out very clearly by means of the pictorial graph on Page 19 of Chapter II. The first noteworthy development in the last fifty-five years was the introduction and use of silent motion pictures for educational purposes about 1915. This was followed closely by the development of film strips in 1920. Perhaps the greatest single accomplishment came around 1925 when the sound motion picture was made available for teaching purposes. More recently other important audio-visual aids have been put into use, namely, sound film slides, 2" X 2" slides, stereoslides and opaque slides. Each has met with wide success. It is believed that television just now being introduced will meet with equal success as a teaching aid.
The key to the reasons for using audio-visual aids in physical education is given by the well known saying of Confusius, "One picture is worth one thousand words". The truth of this saying is brought out very vividly by the illustration on Page 167. These cartoonigraphic drawings show how words alone can be misunderstood. They point out that pictures can be a great help in depicting ideas which can not be expressed clearly by words alone.

Leading authorities in the field of audio-visual aids and physical education agree that the use of pictures and a wide variety of other training aids are of great value in teaching physical education activities and in coaching.

Specifically the author has pointed out the following definite reasons for using audio-visual aids in teaching physical education.

I. Elements of audio-visual aids are similar to physical education activities. These elements are (a)sight and sound, (b)motion.

II. Audio-visual aids have specific uses in teaching physical education activities. These uses are (a)orientation to activity, (b)demonstration and analysis of correct form for the activity, (c)analysis and diagnosis of actual participation by the student.

III. Audio-Visual aids provide a wide variety of experiences relating to the activity.

With these reasons serving as a basis, the writer believes he was justified in compiling the source lists of audio-visual aids which appear in this thesis.

For the reader's convenience the author has prepared
Here Below

HITS, RUNS AND ERRORS

CLEAN-UP MAN

RELIEF PITCHER

SQUEEZE PLAY

PITCHOUT

POP FLY

GIVING SIGNS

WILD PITCH

WARMING UP IN THE BULL PEN

CUT-OFF MAN

DUSTING OFF

Illustrated by E. "Finchbill" Feen

Figs. 4-11
and catalogued these aids under three separate headings:

Films, Filmstrips and Slides, and other Audio-Visual Aids.

Chapter IV is devoted exclusively to the listing of physical education and sports films. Complete annotations are given for each of the films presented in this chapter. LaPorte's **Physical Education Curriculum** was used as a basis for the selection of activities that were covered in this cataloging of films. In all there are 512 films listed and catalogued separately according to the proper activity or sport. Of these 137 are available free of charge, 512 may be rented, and 37 are for sale. A brief summary of the activities included with the number of films in each follows:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Films</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archery</td>
<td>9</td>
</tr>
<tr>
<td>Badminton</td>
<td>5</td>
</tr>
<tr>
<td>Baseball</td>
<td>24</td>
</tr>
<tr>
<td>Basketball</td>
<td>27</td>
</tr>
<tr>
<td>Boating</td>
<td>20</td>
</tr>
<tr>
<td>Bowling</td>
<td>5</td>
</tr>
<tr>
<td>Boxing</td>
<td>14</td>
</tr>
<tr>
<td>Dancing</td>
<td>26</td>
</tr>
<tr>
<td>Fencing</td>
<td>2</td>
</tr>
<tr>
<td>Field Hockey</td>
<td>5</td>
</tr>
<tr>
<td>Football</td>
<td>5</td>
</tr>
<tr>
<td>Golf</td>
<td>5</td>
</tr>
<tr>
<td>Gymnastics</td>
<td>8</td>
</tr>
<tr>
<td>Hiking &amp; Camping</td>
<td>13</td>
</tr>
<tr>
<td>Horseshoes</td>
<td>1</td>
</tr>
<tr>
<td>Lacrosse</td>
<td>1</td>
</tr>
<tr>
<td>Physical Fitness</td>
<td>10</td>
</tr>
<tr>
<td>Recreation Games</td>
<td>15</td>
</tr>
<tr>
<td>Restricted &amp; Corrective Act.</td>
<td>6</td>
</tr>
<tr>
<td>Riding</td>
<td>23</td>
</tr>
<tr>
<td>Soccer and Rugby</td>
<td>9</td>
</tr>
<tr>
<td>Softball</td>
<td>3</td>
</tr>
<tr>
<td>Sports(Varied)</td>
<td>30</td>
</tr>
<tr>
<td>Swimming</td>
<td>34</td>
</tr>
<tr>
<td>Table Tennis</td>
<td>3</td>
</tr>
<tr>
<td>Track &amp; Field</td>
<td>21</td>
</tr>
<tr>
<td>Tumbling-Stunts</td>
<td>7</td>
</tr>
<tr>
<td>Volley Ball</td>
<td>3</td>
</tr>
<tr>
<td>Water Safety</td>
<td>9</td>
</tr>
<tr>
<td>Winter Sports</td>
<td>75</td>
</tr>
<tr>
<td>Wrestling</td>
<td>10</td>
</tr>
</tbody>
</table>

To compile this annotated film list the author checked twenty-five film catalogues. These catalogues were the latest available at the time. The footnote following each annotation indicates the original catalogue source for that write up.
In Chapter V available filmstrips and slides were presented. Annotations are given for these whenever possible. The footnote following each title indicates the catalogue from which the author obtained that particular filmstrip or slide.

The total number of filmstrips and slides catalogued was ninety-six and represents the latest listing at this time. The author examined sixteen catalogues to obtain this list and contacted a total of twenty-five companies. A summary of these film strips and slides by activities follows:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseball</td>
<td>-1</td>
</tr>
<tr>
<td>Basketball</td>
<td>-1</td>
</tr>
<tr>
<td>Boating</td>
<td>-12</td>
</tr>
<tr>
<td>Dancing</td>
<td>-6</td>
</tr>
<tr>
<td>Field Hockey</td>
<td>-2</td>
</tr>
<tr>
<td>Football</td>
<td>-9</td>
</tr>
<tr>
<td>Golf</td>
<td>-1</td>
</tr>
<tr>
<td>Physical Fitness</td>
<td>-6</td>
</tr>
<tr>
<td>Restrictive &amp; Corrective</td>
<td>-3</td>
</tr>
<tr>
<td>Water Safety</td>
<td>-9</td>
</tr>
<tr>
<td>Riding</td>
<td>-6</td>
</tr>
<tr>
<td>Winter Sports</td>
<td>-22</td>
</tr>
<tr>
<td>Sports (Varied)</td>
<td>-9</td>
</tr>
<tr>
<td>Wrestling</td>
<td>-2</td>
</tr>
</tbody>
</table>

The preceding chapter of this thesis consists of a collection of Other Audio-Visual Aids that may be used in teaching physical education. By other audio-visual aids the author refers to all types of illustrative materials related to teaching in sports besides films, filmstrips, and slides.

As in the previous catalogue chapters annotations are given whenever possible. Footnotes, again, are used to indicate the original catalogue source of each aid listed. This enables due credit to be given to the original author.
A total of 224 other audio-visual aids have been compiled including charts, diagrams, pictures, models, posters, and illustrated pamphlets. A brief summary of these teaching aids listed according to activities follows:

Archery - 6  Golf - - - - 10  Softball - - - 5  
Badminton - 5  Handball - - - - 1  Sports(Varied) - 15  
Baseball - 10  Hitting & Camping - 10  Swimming & Diving - 9  
Basketball - 20  Horseshoes - - - 1  Table Tennis - - 6  
Boating - 6  LaCrosse - - - 1  Track & Field - 17  
Bowling - 4  Physical Fitness - 9  Volley Ball - - 3  
Boxing - 2  Recreational Games - 22  Water Safety - - 1  
Dancing - 11  Restricted & Cor.- 15  Winter Sports - 4  
Fencing - 2  Riding - - - 2  Wrestling - - 8  
Field Hockey - 4  Soccer-Softball - - 3  
Football - - 8  

A total of twenty-eight companies was contacted for catalogues of available aids. Replies were received from twenty-four. Materials were taken from twenty of these sources.

The author has compiled a grand total of eight hundred thirty-two audio-visual aids for teaching physical education. Of these six hundred eight were films, filmstrips and slides. To obtain the complete listing of all aids sixty-five catalogues or source lists were examined. Films, Filmstrips, and slides are listed from one hundred nine different companies. Other aids come from one hundred twelve companies.

It is the hope of the author that the audio-visual aids listed and catalogued in this thesis will be made available to the high schools and colleges of Ohio.

Finally, the writer would like to see the materials he has compiled supplemented from year to year so that an up to date Physical Education Film and Training Aid List is available to Physical Educators annually.