

Oregon 4-H Photography Project

The 4-H Photography Project will help you:

- Select and care for a camera that suits your needs.
- Choose the right film for your camera.
- Compose an attractive picture.
- Take sharp, snappy pictures.
- Communicate through pictures.
- Keep a visual record of memorable occasions.
- Develop an interesting hobby.
- Illustrate and record work done in 4-H Projects.
- Develop creative talents.
- Explore career possibilities in photography.

The National 4-H photography materials will be used in all Oregon 4-H photography projects. They were developed cooperatively by the Eastman Kodak Company, the National 4-H Service Committee, and the Extension Service. The manuals are purchased by Oregon State University Extension Service and made available to 4-H members and leaders enrolled in the 4-H PHOTOGRAPHY PROJECT. To obtain an advanced unit, you must complete the preceding unit. The project has five units.

UNIT 1—Adventures with Your Camera—is a project for beginners. It teaches photography basics—all about simple cameras, film, flash devices, lighting, putting people in pictures, telling a story with pictures, preparing an exhibit, taking trick pictures, and how to care for your camera, negatives, and prints.

UNIT 2—Exploring Photography—is a project for the semi-skilled photographer. It will help individuals with composing pictures—knowing where subjects look best and how to focus attention on the subject. Geared to the adjustable camera, users will also learn how different shutter speeds and lens openings control light. They will gain practical experience taking pictures indoors, outdoors, with reflectors, in shaded areas, and with diffused light. In the last chapter, users will learn how to take 'action' shots of just about anything that moves.

UNIT 3—Mastering Photography—concentrates on experimenting, creating, and thinking. Through sophisticated techniques such as double exposure, bounce flash, and photolamp portraiture, users will learn to turn a sunny day into a foggy day or take a picture of a cow jumping over the moon. Included are sections on lenses, filters, and electronic flashes. 4-H'ers will experience photographing people, sports, nature, and landscapes.

UNIT 4—Darkroom Techniques—gets into film processing. Participants will learn to process black and white film and make black and white and color enlargements from negatives. There is also advice on preparing a darkroom.

UNIT 5—Exploring Moviemaking—is another project for the creative individual. This unit teaches about equipment you will need to use your movie camera. It also discusses basic ingredients of a good movie and moviemaking extras, such as zoom lenses, close-ups, indoor/outdoor movies, editing, and showing movies.

UNIT 6—How to Produce a Slide Show—will help members with just that! This leader publication shows how to make the slides, as well as how to produce the show . . . in five easy steps. Keep it short, simple, lively, personal, and specific.

Each unit may be taken in order. Any unit may be continued for two or more years until mastered. An older 4-H member might complete Unit 1 and start Unit 2 in the same year.

Project Requirements:

1. Study all sections of your project manual and do as many exercises as possible.
2. Participate in activities planned by your club and cooperate with your club leader. If you enroll as an individual photography member, ask an adult, perhaps one of your parents, to serve as your leader to help you and to check your work.
3. Complete a 4-H Photography Record.

Demonstrations

Present a demonstration on something you have learned in photography. You may do this as an individual or with a teammate. Select a topic that will allow you to demonstrate some skill you have learned. Suggested topics might be "How to Load and Unload a Camera," "How to Compose an Attractive Picture," "How to Care for Your Camera and Film on a Trip," and "How to Mount Pictures in an Album."

Junior Leadership in 4-H Photography

You may carry an advanced photography project yourself while you help younger 4-H members as a junior leader. Obtain a copy of 4-H Junior Leadership from your 4-H leader or County Extension Agent. Visit with your club leader and enroll for the Junior Leadership project if you are interested.

Suggestions for 4-H Photography Exhibits

For those members who would like to exhibit their work for an evaluation at a fair, the following suggestions are given:

1. You must be enrolled in a unit of the 4-H photography project. You may enroll in two units the same year.
2. All pictures must have been taken by the member during the past 18 months.
3. All pictures shall be securely attached to display board, 16" x 20". Rubber cement is recommended.
4. Each picture shall be titled, and as much as possible of the following information printed below it: title, date taken, camera setting, and kind and speed of film. Example: "Mom, 6/6/74, Fixed-Focus, VP-125."
5. The exhibitor's name, address, and the class should be printed on the back of the display.

6. Color slides may be displayed in clear plastic folios. Folios that hold twenty slides in individual pockets are available. They are 8½" x 11" and are punched to fit in a 3-ring binder. The slides may be examined while in the folio and are protected.

7. The slide number and the 4-H member's name and address should be written on the margin of each slide.

8. You may exhibit in any of the classes, but may be limited to one entry in the photography division.

Suggested Exhibit Classes

The exhibit classes suggested below have been developed to provide 4-H members an opportunity to show skills learned. Members may select one class to exhibit skills. In 4-H photography any type of equipment may be used, including fixed lens, variable lens and automatic cameras, natural light, electric flash, studio light, or Polaroid.

The exhibits classes are intended to identify skills learned in the 4-H photography project and each class will be divided by age member grouping.

Black and White Prints. One to six prints may be exhibited of any subject using available light.

Black and White Prints with Artificial Light. One to six prints may be exhibited of any subject using artificial light.

Color Prints. One to six prints may be exhibited of any subject using available light.

Color Prints with Artificial Light. One to six prints may be exhibited of any subject using artificial light.

Color Slides. Up to 40 slides may be exhibited which tell a story.

Self Enlargements. One color or black and white enlargement made by member from a negative may be exhibited.

Commercial Enlargement. One color or black and white enlargement with suggested cropping, illustrated on a contact print or negative printed by commercial photographers.

Series or Story. Up to 20 color or black and white prints showing one or more sequences. The picture titles should help tell the story.

Special Effects. One to three prints with special effects may be exhibited. This could include graphics, use of telephoto, wide angle, close up, and other special lenses.

Salon (Pictorial), Black & White. One to three black and white prints, composed, taken, printed, and mounted by the member on any subject.

Salon (Pictorial), Color. One to three color prints, composed, taken, printed, and mounted by the member on any subject.

Movies. One movie, 8 mm, 16 mm, or video tape 50 feet or more that tells a story, shows a variety of camera to subject distances and angles, indicates good editing technique, and begins with an appropriate title.

Other Creative Use of Photography. This class may include exhibiting special equipment built by member, family album with pictures, slide shows used to tell a story for a specific purpose, or other creative use of photography not included in other classes.

Basis of Scoring Exhibits

Interesting pictures—show imagination, tell stories.

Good composition—balanced, no unnecessary detail.

Sharp, snappy prints—cameras held steady and in focus.

Good use of lighting—to show detail and texture, proper exposure.

Exhibit shows variety of subjects and techniques.

Exhibit shows application of skills and knowledge in line with age and advancement level of member.

Exhibit is neat with appropriate information.

4-H Display

Open to all 4-H members. A 4-H photography display should visually explain some process related to photography. "How Aperture Affects Depth of Focus," "A Comparison of Front, Side, and Back Lighting," or "What Happens When Film is Exposed and Developed" are examples of possible display topics.

This bulletin was prepared by Duane P. Johnson and B. Alan Snider, Extension specialists, 4-H—Youth, with the assistance of 4-H photography leaders and Extension 4-H—Youth agents.



Extension Service, Oregon State University, O.E. Smith, acting director. Produced and distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914. Extension work is a cooperative program of Oregon State University, the U.S. Department of Agriculture, and Oregon counties. Extension invites participation in its programs and offers them equally to all people.