



4-H PHOTOGRAPHY ACTIVITY PAGE

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Beginning

Your 4-H PHOTOGRAPHY Project

Being able to communicate with others is an important skill. This 4-H project can help you learn about one of the many ways to communicate: photography. Some of the skills you can learn this year are listed below. Check your favorites. Then, work with your 4-H leaders and parents to make a 4-H project plan of what you want to do and learn this year.



Life Skill
Communicating

- Learn how a camera works.
- Learn basic skills of picture taking.
- Learn how to choose film for a camera.
- Learn how to hold a camera.
- Learn how to take care of a camera.
- Learn ways to take interesting pictures.
- Learn how to store and display photographs.
- Exhibit a photograph for competition.
- Complete a service project using photography skills learned.
- Give a photography demonstration in the 4-H club meeting.
- Other _____

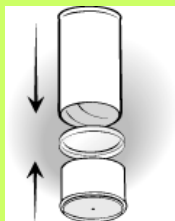


Try This—Make a Pinhole Camera

People use cameras every day to be creative and communicate with other people. You can see how cameras work by building your own pinhole camera.

What do I need?

- Empty Pringles® chip can
- Marker
- Ruler
- X-acto or utility knife (ask an adult to help)
- Thumbtack
- Masking tape
- Aluminum foil
- Scissors (if you want)
- Bright, sunny day



What do I do?

1. Take the lid off the can and wipe out the inside.
2. Draw a line with the marker all the way around the can, about 2 inches from the bottom. Ask an adult to cut on the line.
3. The shorter piece of tube has a metal end. Use the thumbtack to make a hole in the center.
4. Put the plastic lid onto the shorter piece. Put the longer piece back on top and tape the pieces together.
5. To keep light out of the tube, use a piece of aluminum foil that's about 1 foot long. Tape one end of the foil all the way around the tube twice. Then tape the loose edge of the foil closed. If you have extra foil at the top, just tuck it neatly inside the tube.
6. Go outside on a sunny day. Close one eye and hold the



tube up to your other eye. You want the inside of the tube to be as dark as possible. So, cup your hands around the opening of the tube if you need to. Look around your yard. The lid makes a screen that shows upside-down color pictures.

7. Hold your hand below the tube and move it very slowly upward. Your hand is moving up, but you'll see its shadow move down the screen!

To learn more about how your pinhole camera works, follow the link on the 4-H Photography Web page at www.utextension.utk.edu/4h/projects/photography.htm

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Make a Viewer

Trace the outline of a photograph onto a piece of dark posterboard or heavy paper. Photographs are the same shape as your camera's view finder. Cut out the shape, using a ruler to make the cuts straight.

As you look at someone or something through the viewer, ask yourself this question:

What can I do to improve the photo?

Career Scavenger Hunt

By asking others, researching on the Internet, or reading a book or magazine—search for a job that uses photography skills and knowledge. Here's what you are looking for.

1. Job Title _____
2. Job Description _____

3. Education Required _____



Speed
Composition
Shutter
Light
Exposure
Viewfinder
Lens

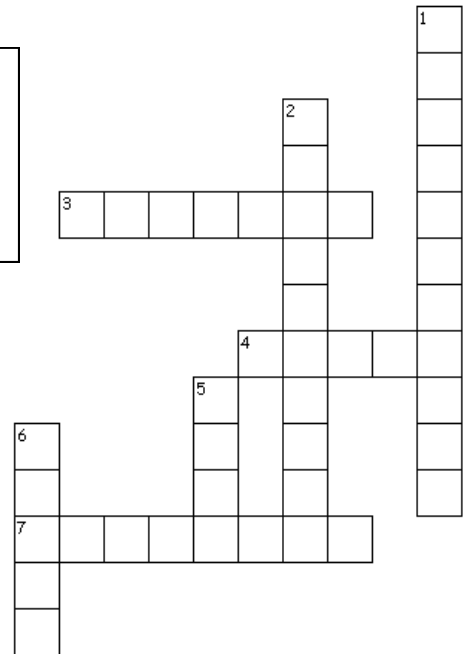
Camera Crossword

Across

3. A ____ controls the amount of time that the light reaches the film.
4. ____ is recorded on the film in the camera.
7. ____ is the amount of light that reaches the film when the shutter is released.

Down

1. The ____ is the arrangement of all elements in a picture.
2. A ____ is used to frame the picture area.
5. The ____ collects light reflected from a subject to form an image on the film.
6. Film ____ is the sensitivity of the film to light.



Service Ideas

- Volunteer to take photographs of a family reunion or special event.
- Volunteer to organize and label photographs for your family.
- Frame photos you've taken and give them as gifts.
- Take photographs of historical sites in your community for an exhibit or scrapbook.

Don't forget to submit your project report to your 4-H leader.

Additional Resources

Through the 4-H photography project, you can learn many things about communicating with others through your camera. You can use your camera to record memories, tell a story, capture a beautiful smile and more. This activity sheet has given you the opportunity to explore the basic elements involved in photography. But this is just the beginning! Use the resources listed below to continue learning about photography.

- * School & public libraries
- * People who know about photography
- * Your camera manual
- * 4-H project groups
- * The 4-H photography Web page:

<http://www.utextension.utk.edu/4h/projects/photography.htm>

For more ideas, contact your 4-H office.

Other 4-H Photography Activities

- 4-H Demonstrations
- 4-H Photo Search
- Fair Exhibits

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