

# 4-H Photography Proficiency Program A Member's Guide

## OVERVIEW

The 4-H Photography Proficiency program helps you learn what you need to know about your 4-H project. Your project leader will assist you in setting and achieving your goals. Through your project, you will acquire an understanding of the principles of artistic design - color, space, line, design, texture, and space.

There are many resources to help you learn more about your project:

- The University of California Davis has free resources available online by visiting: <http://anrcatalog.ucdavis.edu/4HYouthDevelopment/>. This site lists a variety of project materials and resources recommended for use in your project.
- The Shasta County 4-H Resources and Lending Library at our county 4-H Office includes other books, videos, and reference materials that can be checked out by members and leaders.

There are five levels in the Project Proficiency Program. You may choose how many levels you wish to complete:

- ◆ Level I – “Explorer”, you begin to learn about many different aspects of your craft.
- ◆ Level II – “Producer”, you practice and refine the many skills involved in your craft area.
- ◆ Level III – “Consumer”, you become an experienced producer of your arts and crafts area.
- ◆ Level IV – “Leader”, allows you to show your own leadership potential.
- ◆ Level V – “Researcher”, you carry out a demonstration or experiment on some aspect of arts and crafts, and prepare a paper or portfolio.

As you work through the proficiency program, your leader will date each skill item as you complete it. When all items in a proficiency level are completed, your leader will sign the Certificate of Achievement.

# PHOTOGRAPHY

## Level I - Explorer

Date \_\_\_\_\_  
Completed \_\_\_\_\_

- \_\_\_\_\_ 1. Learn the difference between a simple camera and an adjustable camera.
- \_\_\_\_\_ 2. Learn the best way to get dust off camera parts.
- \_\_\_\_\_ 3. Learn the effect of finger prints on a camera lens.
- \_\_\_\_\_ 4. Learn what the following terms mean:  
ASA                                      Red eye                                      Leading line  
Fast film                                      Backlighting
- \_\_\_\_\_ 6. Learn what the cause of an underexposed picture is.
- \_\_\_\_\_ 8. Learn within what range a flashcube will properly expose film
- \_\_\_\_\_ 10. Learn how your photos look if you are out of range on your flash.
- \_\_\_\_\_ 11. Learn the best way to store film and the proper way to handle negatives.
- \_\_\_\_\_ 13. Learn what shooting from a low angle does to the subject.
- \_\_\_\_\_ 14. Learn what may be done to every composition rule of photography.
- \_\_\_\_\_ 15. Learn what the first rule of composition is.
- \_\_\_\_\_ 17. Name three reasons your photos may not be sharp.
- \_\_\_\_\_ 18. Name three composition techniques.
- \_\_\_\_\_ 19. Explain how to compose your photo using the rule of thirds.
- \_\_\_\_\_ 20. Name three ways to get a clean background when taking a photo.
- \_\_\_\_\_ 21. What are the two basic types of color film?
- \_\_\_\_\_ 22. What is depth of field?
- \_\_\_\_\_ 23. Give a demonstration on photography at county presentation day.  
Show three photos you have taken during the project to the rest of the project group.
- \_\_\_\_\_ 24. group.
- \_\_\_\_\_ 25. Describe each part of your camera and tell how it works or what it does.
- \_\_\_\_\_ 26. Enter a photo in the county fair or 4-H Still Exhibits fair.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## PHOTOGRAPHY Level II - Producer

Date \_\_\_\_\_  
Completed \_\_\_\_\_

- \_\_\_\_\_ 1. Name two things a telephoto lens will do to a photograph.
- \_\_\_\_\_ 2. What two things will a wide-angle lens do to a photograph?
- \_\_\_\_\_ 3. What is meant by pan action?
- \_\_\_\_\_ 4. Name two things that will happen to film quality when your ASA rises.
- \_\_\_\_\_ 5. How many extra f-stops or shutter speeds do you gain when you go from ASA 100 film to ASA 400 film?
- \_\_\_\_\_ 6. If your meter doesn't work, how can you determine a perfect exposure in bright sunlight?
- \_\_\_\_\_ 7. What is meant by depth of field?
- \_\_\_\_\_ 8. What f-stop will give the most depth of field?
- \_\_\_\_\_ 9. Name what type of lens gives the most depth of field.
- \_\_\_\_\_ 10. What type of lighting is best to show texture?
- \_\_\_\_\_ 11. Name two ways to use your flash.
- \_\_\_\_\_ 12. Enter a different photo into a county event or fair.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PHOTOGRAPHY**  
**Level III - Consumer**

Date  
Completed

- \_\_\_\_\_ 1. What direction of natural light is best for portraits?
- \_\_\_\_\_ 2. What times of the day are best for portraits using natural light?
- \_\_\_\_\_ 3. When taking portraits, name two ways to reduce imperfection.
- \_\_\_\_\_ 4. What is a high key portrait?
- \_\_\_\_\_ 5. Where is the fill light supposed to be positioned?
- \_\_\_\_\_ 6. What is horror lighting?
- \_\_\_\_\_ 7. Name the two main lights used in a studio.
- \_\_\_\_\_ 8. What mm lens is best to use for portraits with a 35 mm camera?
- \_\_\_\_\_ 9. What is the highest light ratio you can use and still hold detail in your picture?
- \_\_\_\_\_ 10. Name two sources of fill light that can be used outdoors.
- \_\_\_\_\_ 11. Is there a correct position for an umbrella on a light source and if there is, what is it?
- \_\_\_\_\_ 12. In the studio there are many types of umbrellas. Name two different umbrellas and how they affect your lighting.
- \_\_\_\_\_ 13. Enter a third photo in a county 4-H event or fair.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PHOTOGRAPHY**  
**Level IV - Leader**

Date  
Completed

- \_\_\_\_\_ 1. Serve as Junior or Teen leader in this project for one year.
- \_\_\_\_\_ 2. Assist younger members in selecting equipment and locations for their photos.
- \_\_\_\_\_ 3. Prepare teaching materials for use at project meetings.
- \_\_\_\_\_ 4. Develop and put on a demonstration or judging event or train a junior team for such an event.
- \_\_\_\_\_ 5. Speak on a project-based subject before an organization other than your 4-H group.
- \_\_\_\_\_ 6. Assist at a local art fair or show.
- \_\_\_\_\_ 7. Assist younger members about learning a specific technique in the project.
- \_\_\_\_\_ 8. Develop your own special project related activity. Chart your progress, plan the activities, analyze successes and problems, and report on your findings.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# PHOTOGRAPHY

## Level V - Researcher

Date  
Completed

- \_\_\_\_\_ 1. Report on the results of a demonstration comparing measurable differences in management procedure. (Experiment)
- \_\_\_\_\_ 2. Prepare a paper of 300 words or more on one of the following topics:
- Evolution of techniques
  - History of photography and equipment used
  - Markets and methods of marketing photography products
  - Film developing process
  - Effect/use of color, light, shape, form, pattern, etc.
  - Other
- \_\_\_\_\_ 3. Prepare a speech or illustrated talk to orally summarize your findings and present at a club, project meeting or other educational event.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Certificate of Achievement

*This certifies that*

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*has completed the Photography Proficiency*

*in Shasta County.*

*Explorer*

*Producer*

*Consumer*

*Leader*

*Researcher*

\_\_\_\_\_  
*Date*

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