



# PHOTOGRAPHY

W121A

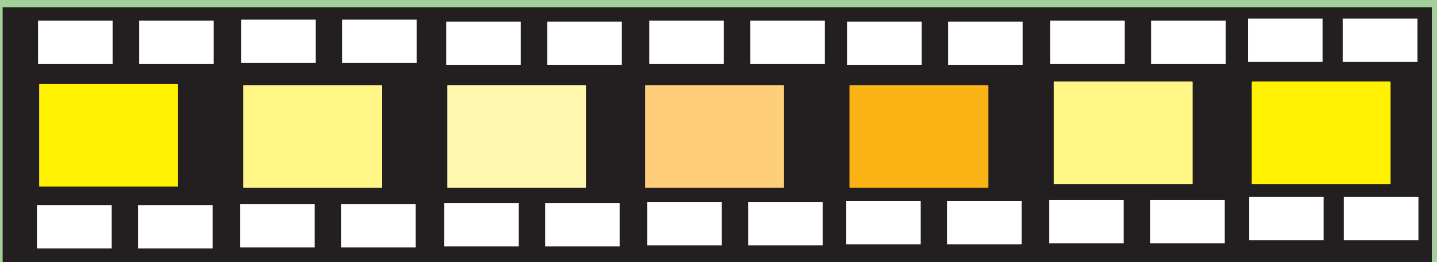
## SKILLS :

- Learn the history of the camera
- Complete a photography service project
- Increase technology skills
- Discover careers in photography
- Gain knowledge about photography terms
- Lead a project group
- Assess your photography skill level



LIFE SKILLS : Communicating

Communication takes many forms. Communicating through beautiful and creative pictures is one way. In your earlier work in the 4-H photography project, you learned the basics such as how a camera works, basic picture-taking skills, etc. Some of the new skills you can learn in the advanced part of the 4-H photography project are listed to the left. 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.



## DIGITAL DEFINITIONS

*The following definitions are important to understanding and working in digital photography. Read the word and the definition. Then, find the word in the word scramble. Circle the words.*

**COMPRESSION** - the process of making larger image files smaller and more manageable. The less compression produces better image quality (higher resolution) which results in larger prints. However, less compression also means that you can not store as many images. More compression produces lower quality images. These are fine for small prints, email or web sites. By using more compression, you can store more images.

**APERTURE** - also known as f-stops controls both light and depth of field. The larger the aperture opening, the more light affects the image and the lighter the image. The smaller the aperture, the greater the area of sharpness.

**IMAGE SIZE** - another way to control the size of image files.

**SHUTTER SPEED** - controls light and motion. Slower shutter speeds make the image lighter. Faster shutter speeds make the image darker. Faster shutter speeds also means the more a moving subject will be blurred in the picture.

L C F B A A J M I W Z S T D R  
 T Y X C C V G I M R P R I E C  
 O H D R E O L U A P R H Z E I  
 D L H V H I H J G U G F O P Y  
 A S O G E G C E E L I U C S L  
 T C O M P R E S S I O N P R Z  
 J E V E M E W H I M V Q Y E J  
 E E R T Y I W U Z T H E A T K  
 E V M H H L Z T E E L F S T A  
 S D C A P E R T U R E W X U Z  
 D B M X E Y T E P L J Z Q H Y  
 E H T K W I Q R G O W D E S I

## SERVICE IDEAS

Give a project demonstration or lead a project group meeting about photography.

Volunteer to take photos during a holiday, family reunion or other event. Create a scrapbook to share with family and friends.

Help family members organize, label and preserve family photos.

Photograph historical sites or special celebratory events in your community for an exhibit or scrapbook.

## ACTIVITIES

4-H demonstrations

4-H photo search

Fair exhibits

Magazine photography contest

Newspaper photography contest

Arts and crafts festivals

## RESOURCES

- School and public libraries
- Photographers
- Your camera manual
- 4-H project leader/group

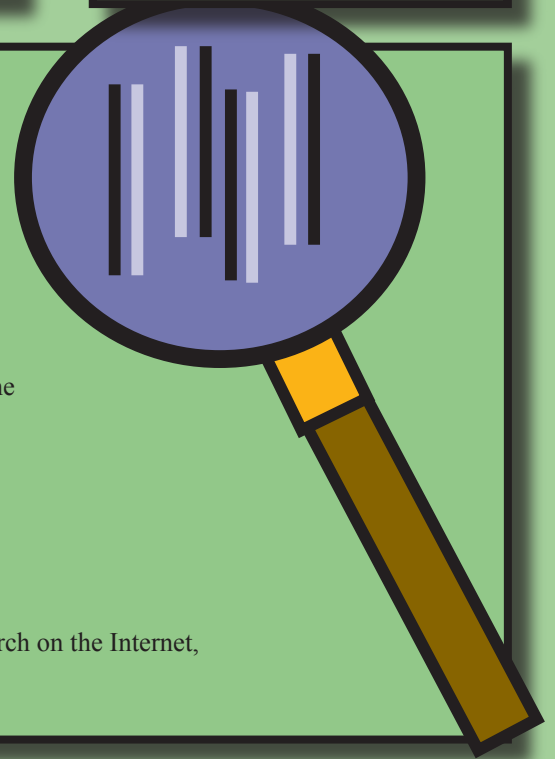
The websites listed below were used to create this activity sheet. To learn more about photography visit:

- [www.utextension.utk.edu/4H/projects/photography.htm](http://www.utextension.utk.edu/4H/projects/photography.htm)
- [www.shortcourses.com](http://www.shortcourses.com)
- [www.kodak.com](http://www.kodak.com)
- [www.n4hccs.org](http://www.n4hccs.org)
- [www.rleggat.com/photohistory](http://www.rleggat.com/photohistory)

Don't forget! For more ideas and info, contact your local 4-H office.

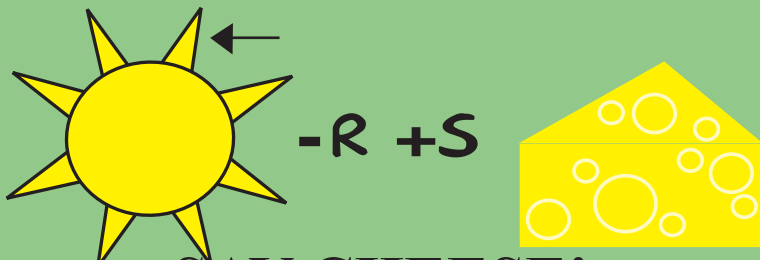
## CAREER SEARCH

1. Using the Internet, research the following careers that involve photography.
  - Photojournalist
  - Graphic Designer
  - Magazine Editor
  - Historian/Archivist
2. Write a short essay (or 4-H speech) about these careers. Include the answers to the following questions based on the information you find:
  - What do you do in this job?
  - What kind of education do you need?
  - How is photography used?
  - Is this a career you might be interested in pursuing? Why or why not?
3. What other careers involve photography? Use your technology know-how to search on the Internet, look through books and magazines or talk to others.



## EXPRESS YOURSELF !

Can you solve the picture puzzle? Write the answer on the line below. Here's a hint - it's a photographer's favorite thing to say!



**SAY CHEESE!**

## DID YOU KNOW ?

The word 'photography' is Greek. It comes from the Greek words for light and writing. The word was coined by Sir John Herschel in 1839.



# DISPLAYING PICTURES

*It's not enough to just make a great picture. You should show it off! Remember these simple picture display techniques to help you make the most of your photography collection. Read the information below. Then draw a line from the different types of displays to the appropriate pictures.*

## CLUSTER

Small pictures need to work together to create impact. Whether on a shelf or table, small pictures, when arranged with other small pictures can make an eye-catching design.



## VARIETY

Just as photos can be displayed by common characteristics, they may also show diversity. Place your pictures together using different subjects, sizes and frames. What are some other ways that your pictures may be displayed differently? List them below.

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## UNITY

Photographs with some similar characteristics can be placed together on a wall, shelf or table to create a complimentary look. Some similar characteristics can include composition, size of picture and types of picture frames. Can you think of other kinds of characteristics that would create unity with a photo display? List them below.

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Try these design steps at home. Which one is your favorite? Make a picture of your display and tape it inside the outline.



ATTACH THE PICTURE  
OF YOUR FAVORITE  
PHOTOGRAPHY DISPLAY HERE.