



Photography

Merit Badge Workbook

This workbook can help you but you still need to read the merit badge pamphlet (book). No one can add or subtract from the Boy Scout Requirements #33215. Merit Badge Workbooks and much more are below: [Online Resources](#).

Workbook developer: craig@craiglincoln.com. Requirements revised: 2006, Workbook updated: December 2008.

Scout's Name: _____ Unit: _____

Counselor's Name: _____ Counselor's Ph #: _____

1. Explain how the following elements and terms affect the quality of a picture:

a. Light-natural light/ambient, _____

flash _____

b. Exposure-aperture (f-stops), _____

shutter speed, _____

depth of field _____

c. Composition-rule of thirds, _____

leading lines, _____

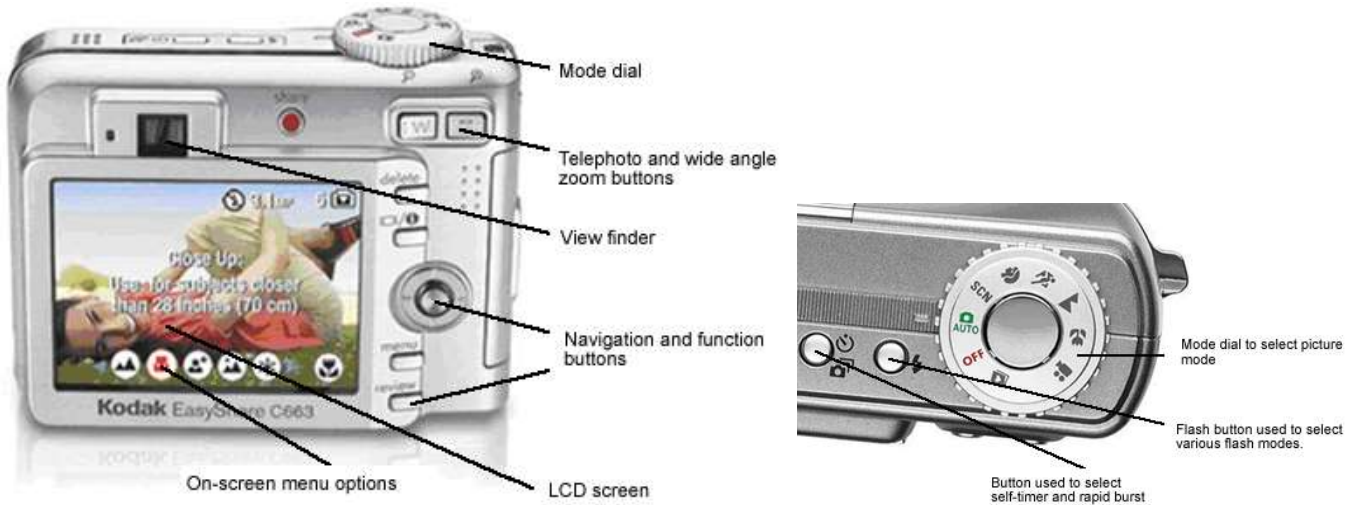
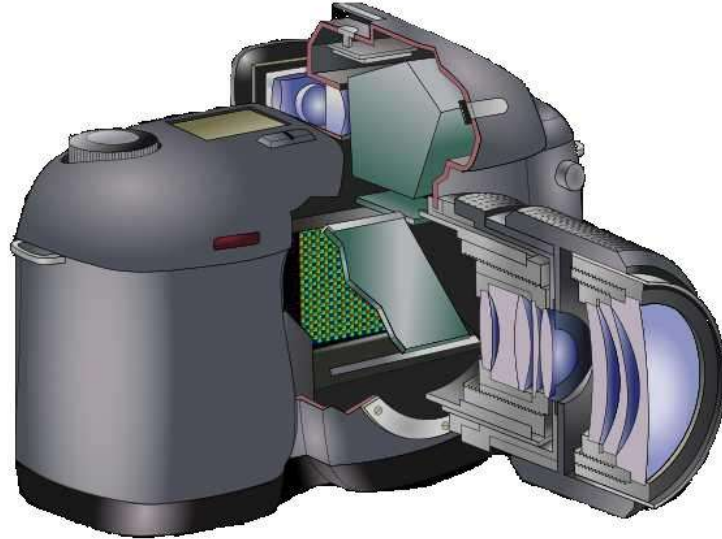
framing, _____

depth _____

d. Angle of view _____

e. Stopping action _____

2. Explain the basic parts and operation of a film camera or digital camera.



Explain how an exposure is made when you take a picture. _____

3. Discuss with your counselor the differences between a film camera and a digital camera. _____

List at least five advantages _____

and five disadvantages of using a digital camera versus using a film camera.

4. Do ONE of the following:

- a. Produce a picture story using the photojournalistic technique of documenting an event. Share your plan with your counselor and get your counselor's input and approval before you proceed. Then, using either a film camera or a digital camera, produce your approved picture story. Process your images and select eight to 12 images that best tell your story. Arrange your images in order, then mount the prints on a poster board. If you are using digital images, you may create a slide show on your computer or produce printouts for your poster board. Share your picture story with your counselor.
- b. Choose a topic that interests you to photograph for an exhibit or display. Get your counselor's approval, then photograph (digital or film) your topic. Process your images. Choose 20 of your favorite images and mount them on poster board. Share your display with your counselor. If you are using digital images, you may create a slide show on your computer or produce printouts for your poster board.

5. Discuss with your counselor the career opportunities in photography. _____

Pick one that interests you _____

and explain how to prepare for such a career. Discuss with your counselor the education and training such a career would require. _____

Online Resources (Use any Internet resource with caution and only with your parent's or guardian's permission.)

Boy Scouts of America: ► scouting.org ► [Guide to Safe Scouting](#) ► [Age-Appropriate Guidelines](#) ► [Safe Swim Defense](#)
► [Scout](#) ► [Tenderfoot](#) ► [Second Class](#) ► [First Class](#) ► [Rank Videos](#) ► [Safety Afloat](#)

Boy Scout Merit Badge Workbooks: usscouts.org -or- meritbadge.org **Merit Badge Books:** www.scoutstuff.org

Requirement Resources

These resources and much more are at: <http://meritbadge.org/wiki/index.php/Photography>

1. Lesson Videos: [Beginning Photography - How to Use a Digital Camera](#) - [Taking Better Pictures](#) - [How a Camera Works](#) – [Intermediate Photography - Rule of Thirds](#)
[Glossary of Photography Terms - How Shutter Speed, Aperture, and Film Speed Affect Your Picture](#)
- 1a. [How to Use Light & Flash - Taking Better Photos: Framing and Lighting](#)
- 1b. [Great examples of shutter speed and aperture](#) - [Shutter speed](#) - [Exposure](#) - [Exposure & Shutter Speed](#) – [Aperture](#) - [Depth of field](#) - [Depth of focus](#)
- 1c. [Basic Photography: Rule of Thirds](#) - [Wikipedia:Rule of thirds](#) - [Leading Lines](#) - [Framing](#) - [Depth](#)
- 1d. [Angle of View](#) - [Angle of view](#)
- 1e. [Stopping Action](#)
2. [How Cameras Work - Beginner's Guide](#)
3. [How Digital Cameras Work - Film vs. Digital](#) - [Digital versus film photography](#)
4. The [Citizenship in the Community](#) #8 *public presentation...of your community* could be given as a [Communications](#) #3 *five-minute speech* using the techniques from **Photography** #4b to *produce a picture story* and [Art](#) #1 to *tell a story with...pictures* which could be developed into the [Computers](#) #6e *short presentation*.
5. [Careers in Photography](#)