

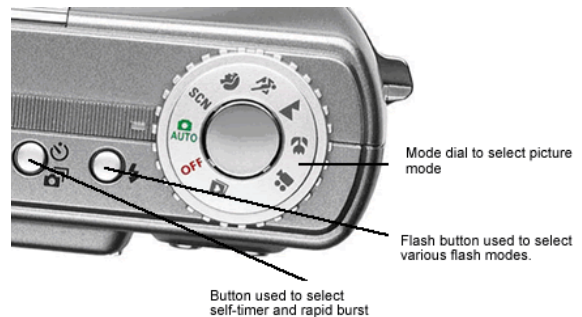
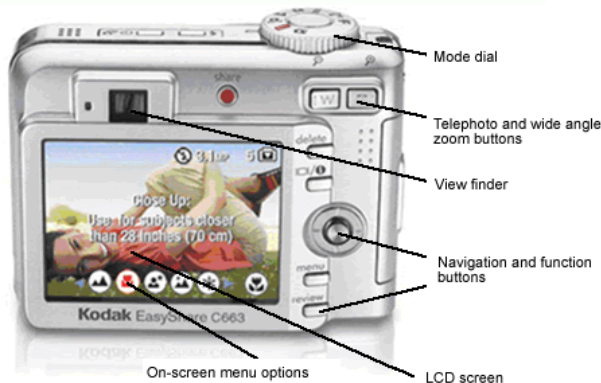
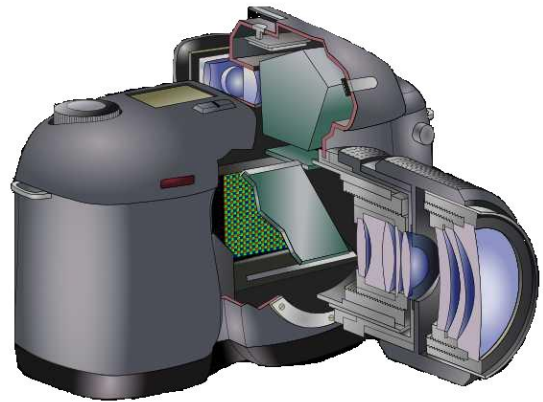
You need to print this form and bring it with you to Merit Badge College.

Highlighted areas are to be completed outside of class.

1. Safety. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while working with photography and what you should do to anticipate, mitigate, prevent, and respond to these hazards.
 - Explain how you would prepare for exposure to environmental situations such as weather, sun, and water.
 - b. **Show your counselor your current, up-to-date Cyber Chip.**

2. Explain how the following elements and terms can affect the quality of a picture:
 - a. Light—natural light (ambient/existing), low light (such as at night), and artificial light (such as from a flash)
 - Natural light (ambient/existing)
 - Low light (such as at night)
 - Artificial light (such as from a flash)
 - b. Exposure-aperture (f-stops), shutter speed, ISO
 - Aperture (f-stops):
 - Shutter speed:
 - ISO
 - c. Depth of field
 - d. Composition - rule of thirds, leading lines, framing, depth
 - Rule of thirds:
 - Leading lines:
 - Framing:
 - Depth:
 - e. Angle of view
 - f. Stop action and blur motion
 - Stop Action
 - Blur Motion
 - g. Timing

3.
 - Explain the basic parts and operation of a camera
 - Explain how an exposure is made when you take a picture.



4. Do **TWO** of the following, then share your work with your counselor.
 - a. Photograph one subject from two different angles or perspectives.
 - b. Photograph one subject from two different light sources—artificial and natural.
 - c. Photograph one subject with two different depth of fields.
 - d. Photograph one subject with two different compositional techniques.

5. Photograph **THREE** of the following, then share your work your counselor
 - a. Close-up of a person
 - b. Two to three people interacting
 - c. Action shot
 - d. Animal shot.
 - e. Nature shot
 - f. Picture of a person—candid, posed, or camera aware

6. Describe how software allows you to enhance your photograph after it is taken. Select a photo you have taken, then do **ONE** of the following, and share what you have done with your counselor.
 - a. Crop your photograph.
 - b. Adjust the exposure or make a color correction.
 - c. Show another way you could improve your picture for impact

7. Using images other than those created for requirements 4, 5 or 6, produce a visual story to document an event to photograph OR choose a topic that interests you to photograph. Do the following:
 - a. Plan the images you need to photograph for your photo story.
 - b. Share your plan with your counselor, and get your counselor's input and approval before you proceed.
 - c. Select eight to 12 images that best tell your story. Arrange your images in order and mount the prints on a poster board, OR create an electronic presentation. Share your visual story with your counselor.

8. Identify three career opportunities in photography.
 - Pick one and explain to your counselor how to prepare for such a career.
 - Discuss what education and training are required, and why this profession might interest you.

Bring a digital camera if you have access to one
Bring 3-5 Photo prints you have made

| | | |
|---------------------|-----------------------|----------------|
| Scout Name | Address | Troop Number |
| Counselor Signature | Unit Leader Signature | Date Completed |

Counselor: Initial next to the box located to the left of the requirement completed in class. Sign the space that states Counselor Signature.

Scout: Complete the spaces above for Scout Name, Address and Troop Number. Complete all highlighted areas outside of class.

This form replaces the traditional "Blue Card".