

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

**Highlighted areas are to be completed outside of class.**

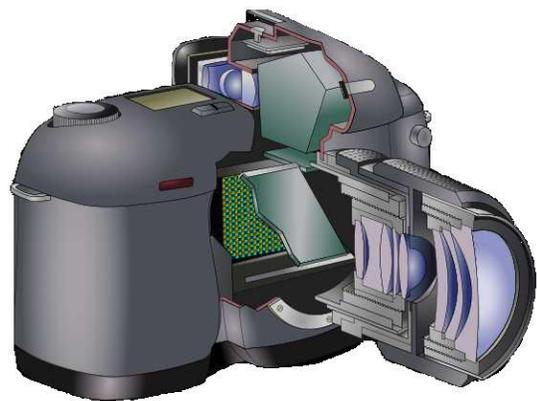
1. Safety. Do the following:

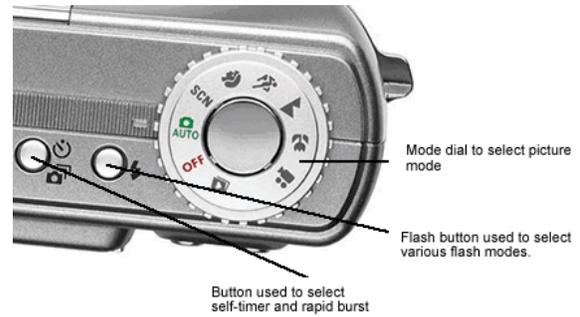
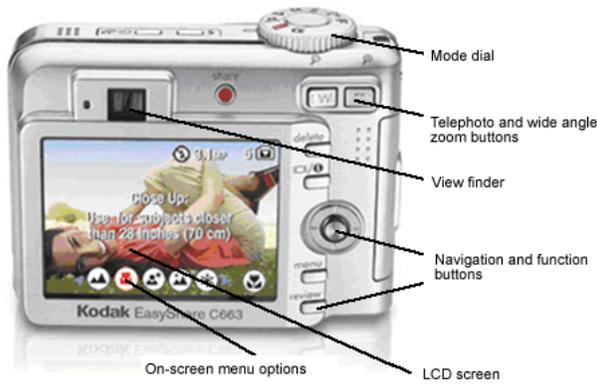
- a. **Show your counselor your current, up-to-date Cyber Chip.**
- b. Explain to your counselor the most likely hazards you may encounter while working with photography and what you should do to anticipate, mitigate, prevent, and respond to these hazards.
  - Explain how you would prepare for exposure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

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. Decisive moment (action or expression captured by the photographer)

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 photostory.
  - 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.

Photography Career #1	Photography Career #2	Photography Career #3

- 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**

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**Scout Name**

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**Address**

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**Troop Number**

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**Counselor Signature**

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**Unit Leader Signature**

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**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".**