



Photography

Merit Badge Workbook



This workbook can help you but you still need to read the merit badge pamphlet.

This Workbook can help you organize your thoughts as you prepare to meet with your merit badge counselor.

You still must satisfy your counselor that you can demonstrate each skill and have learned the information.

You should use the work space provided for each requirement to keep track of which requirements have been completed, and to make notes for discussing the item with your counselor, not for providing full and complete answers.

If a requirement says that you must take an action using words such as "discuss", "show", "tell", "explain", "demonstrate", "identify", etc, that is what you must do.

Merit Badge Counselors may not require the use of this or any similar workbooks.

No one may add or subtract from the official requirements found in Boy Scout Requirements (Pub. 33216 – SKU 621535).

The requirements were last issued or revised in 2016 • This workbook was updated in October 2016.

Scout's Name: _____ Unit: _____

Counselor's Name: _____ Counselor's Phone No.: _____

<http://www.USScouts.Org> • <http://www.MeritBadge.Org>

Please submit errors, omissions, comments or suggestions about this **workbook** to: Workbooks@USScouts.Org
Comments or suggestions for changes to the **requirements** for the **merit badge** should be sent to: Merit.Badge@Scouting.Org

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.

Workbook © Copyright 2016 - U.S. Scouting Service Project, Inc. - All Rights Reserved
Requirements © Copyright, Boy Scouts of America (Used with permission.)

This workbook may be reproduced and used locally by Scouts and Scouters for purposes consistent with the programs of the Boy Scouts of America (BSA), the World Organization of the Scout Movement (WOSM) or other Scouting and Guiding Organizations. However it may NOT be used or reproduced for electronic redistribution or for commercial or other non-Scouting purposes without the express permission of the U. S. Scouting Service Project, Inc. (USSSP).

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:	

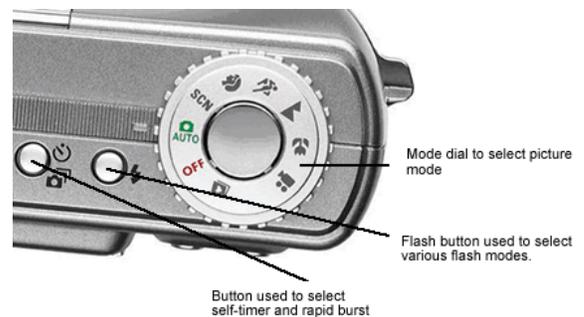
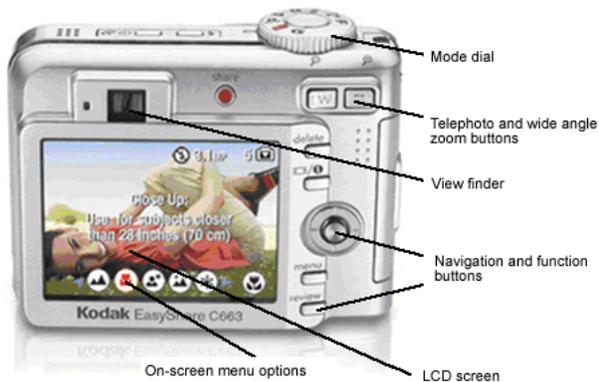
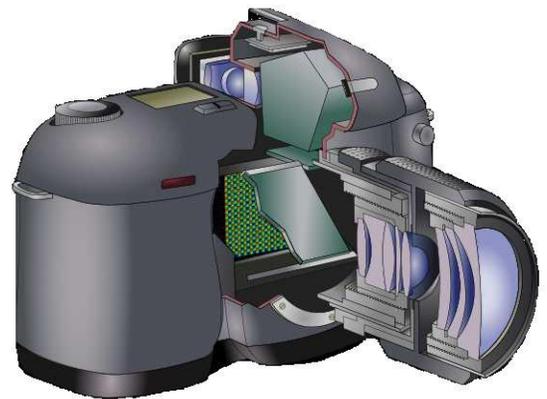
e. Angle of view

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.

1.	
2.	
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.

Requirement resources can be found here:
http://www.meritbadge.org/wiki/index.php/Photography#Requirement_resources



Boy Scout Cyber Chip Workbook



This Workbook can help you organize your thoughts as you prepare to meet with your counselor. You still must satisfy your counselor that you can demonstrate each skill and have learned the information. You should use the work space provided for each requirement to keep track of which requirements have been completed, and to make notes for discussing the item with your counselor, not for providing full and complete answers. If a requirement says that you must take an action using words such as "discuss", "show", "tell", "explain", "demonstrate", "identify", etc, that is what you must do.

Merit Badge Counselors may not require the use of this or any similar workbooks.

No one may add or subtract from the official requirements found in Boy Scout Requirements (Pub. 33216 – SKU 621535).

The requirements were last issued or revised in 2013 • This workbook was updated in October 2016.

Scout's Name: _____ Unit: _____

Counselor's Name: _____ Counselor's Phone No.: _____

<http://www.USScouts.Org> • <http://www.MeritBadge.Org>

Please submit errors, omissions, comments or suggestions about this **workbook** to: Workbooks@USScouts.Org
 Comments or suggestions for changes to the **requirements** for the **award** should be sent to: Advancement.Team@Scouting.Org

A. Cyber Chip Requirements for Grades 6-8

1. Read and sign the Level II Internet Safety Pledge from NetSmartz. (BSA Cyber Chip green card)

Internet Safety Pledge

1. I will think before I post
2. I will respect other people online
3. I will respect digital media ownership
4. I won't meet face-to-face with anyone I meet in the digital world unless I have my parent's permission
5. I will protect myself online.

2. Write and sign a personalized contract with your parent or guardian that outlines rules for using the computer and mobile devices, including what you can download, what you can post, and consequences for inappropriate use.

General comments	
What I can download	

**Workbook © Copyright 2016 - U.S. Scouting Service Project, Inc. - All Rights Reserved
 Requirements © Copyright, Boy Scouts of America (Used with permission.)**

This workbook may be reproduced and used locally by Scouting volunteers for training purposes consistent with the programs of the Boy Scouts of America (BSA), the World Organization of the Scout Movement (WOSM) or other Scouting and Guiding Organizations. However it may NOT be used or reproduced for electronic redistribution or for commercial or other non-Scouting purposes without the express permission of the U. S. Scouting Service Project, Inc. (USSSP).

What I can post

Consequences for inappropriate use

- 3. Watch the video "Tracking Teresa," along with two additional videos of your choosing, to see how friends can help each other to stay safe online. (NetSmartz.org/scouting)

	Video Name	Date Watched
<input type="checkbox"/>	Tracking Teresa	
<input type="checkbox"/>		
<input type="checkbox"/>		

- 4. As an individual or with your patrol, use the EDGE method and mini lessons to teach Internet safety rules, behavior, and "netiquette" to your troop or another patrol. You are encouraged to use any additional material and information you have researched. Each member of the patrol must have a role and present part of the lesson. (NetSmartz.org/scouting)

- 5. Discuss with your unit leader the acceptable standards and practices for using allowed electronic devices, such as phones and games, at your meetings and other Scouting events.

B. Cyber Chip Requirements for Grades 9-12

- 1. Read and sign the Level II Internet Safety Pledge from NetSmartz. (BSA Cyber Chip green card)

Internet Safety Pledge
1. I will think before I post
2. I will respect other people online
3. I will respect digital media ownership
4. I won't meet face-to-face with anyone I meet in the digital world unless I have my parent's permission
5. I will protect myself online.

- 2. Write and sign a personalized contract with your parent or guardian that outlines rules for using the computer and mobile devices, including what you can download, what you can post, and consequences for inappropriate use.

General comments	
What I can download	
What I can post	
Consequences for inappropriate use	

- 3. Discuss with your parents the benefits and potential dangers teenagers might experience when using social media.

- Give examples of each.

- 4. Watch three "Real-Life Story" videos to learn the impact on teens. (NetSmartz.org/scouting)

	Video Name	Date Watched
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

- 5. As an individual or patrol, use the EDGE method and the Teen Volunteer Kit to teach Internet safety rules, behavior, and "netiquette" to your troop or another patrol. You are encouraged to use any additional material and information you have researched. Each member of the patrol must have a role and present part of the lesson. (NetSmartz.org/scouting)

- 6. Discuss with your unit leader the acceptable standards and practices for using allowed electronic devices such as phones and games at your meetings and other Scouting events.

Note: All Cyber Chips will expire annually. Each Scout will need to “recharge” the chip by going back to the NetSmartz Recharge area. This space will hold new information, news, and a place for the Scout to recommit to net safety and netiquette. Then, with the unit leader, the Scout can add the new date to the Cyber Chip card or certificate.

Requirement resources can be found here:
<http://www.scouting.org/cyberchip.aspx> and <http://www.netsmartz.org/scouting>

Important excerpts from the Guide To Advancement - 2015, No. 33088 (SKU-620573)

[1.0.0.0] — Introduction

The current edition of the *Guide to Advancement* is the official source for administering advancement in all Boy Scouts of America programs: Cub Scouting, Boy Scouting, Varsity Scouting, Venturing, and Sea Scouts. It replaces any previous BSA advancement manuals and previous editions of the *Guide to Advancement*.

[Page 2, and 5.0.1.4] — Policy on Unauthorized Changes to Advancement Program

No council, committee, district, unit, or individual has the authority to add to, or subtract from, advancement requirements. There are limited exceptions relating only to youth members with special needs. For details see section 10, "Advancement for Members With Special Needs".

[Page 2] — The "Guide to Safe Scouting" Applies

Policies and procedures outlined in the *Guide to Safe Scouting*, No. 34416, apply to all BSA activities, including those related to advancement and Eagle Scout service projects.

[7.0.3.1] — The Buddy System and Certifying Completion

A youth member must not meet one-on-one with an adult. Sessions with counselors must take place where others can view the interaction, or the Scout must have a buddy: a friend, parent, guardian, brother, sister, or other relative—or better yet, another Scout working on the same badge—along with him attending the session. If merit badge counseling or instruction includes any Web-based interaction, it must be conducted in accordance with the BSA Social Media Guidelines (<http://www.scouting.org/Marketing/Resources/SocialMedia>). For example, always copy one or more authorized adults on email messages between counselors and Scouts.

When the Scout meets with the counselor, he should bring any required projects. If these cannot be transported, he should present evidence, such as photographs or adult verification. His unit leader, for example, might state that a satisfactory bridge or tower has been built for the Pioneering merit badge, or that meals were prepared for Cooking. If there are questions that requirements were met, a counselor may confirm with adults involved. Once satisfied, the counselor signs the blue card using the date upon which the Scout completed the requirements, or in the case of partials, initials the individual requirements passed.

Note that from time to time, it may be appropriate for a requirement that has been met for one badge to also count for another. See "Fulfilling More Than One Requirement With a Single Activity," 4.2.3.6.

[7.0.3.2] — Group Instruction

It is acceptable—and sometimes desirable—for merit badges to be taught in group settings. This often occurs at camp and merit badge midways, fairs, clinics, or similar events. Interactive group discussions can support learning. The method can also be attractive to "guest experts" assisting registered and approved counselors. Slide shows, skits, demonstrations, panels, and various other techniques can also be employed, but as any teacher can attest, not everyone will learn all the material.

There must be attention to each individual's projects and his fulfillment of *all* requirements. We must know that every Scout—actually and *personally*—completed them. If, for example, a requirement uses words like "show," "demonstrate," or "discuss," then every Scout must do that. It is unacceptable to award badges on the basis of sitting in classrooms *watching* demonstrations, or remaining silent during discussions.

It is sometimes reported that Scouts who have received merit badges through group instructional settings have not fulfilled all the requirements. To offer a quality merit badge program, council and district advancement committees should ensure the following are in place for all group instructional events.

- A culture is established for merit badge group instructional events that partial completions are acceptable expected results.
- A guide or information sheet is distributed in advance of events that promotes the acceptability of partials, explains how merit badges can be finished after events, lists merit badge prerequisites, and provides other helpful information that will establish realistic expectations for the number of merit badges that can be earned at an event.
- Merit badge counselors are known to be registered and approved.
- Any guest experts or guest speakers, or others assisting who are not registered and approved as merit badge counselors, do not accept the responsibilities of, or behave as, merit badge counselors, either at a group instructional event or at any other time. Their service is temporary, not ongoing.
- Counselors agree to sign off only requirements that Scouts have actually and personally completed.
- Counselors agree not to assume prerequisites have been completed without some level of evidence that the work has been done. Pictures and letters from other merit badge counselors or unit leaders are the best form of prerequisite documentation when the actual work done cannot be brought to the camp or site of the merit badge event.
- There is a mechanism for unit leaders or others to report concerns to a council advancement committee on summer camp merit badge programs, group instructional events, and any other merit badge counseling issues—especially in instances where it is believed BSA procedures are not followed. See "Reporting Merit Badge Counseling Concerns," 11.1.0.0.
- There must be attention to each individual's projects and his fulfillment of all requirements. We must know that every Scout—actually and personally—completed them.

It is permissible for guest speakers, guest experts, or others who are not merit badge counselors to assist in the counseling process. Those providing such assistance must be under the direction of a registered and approved counselor who is readily available onsite, and provides personal supervision to assure all applicable BSA policies and procedures—including those related to BSA Youth Protection—are in place and followed.

[7.0.3.3] — Partial Completions

A Scout need not pass all the requirements of one merit badge with the same counselor. It may be that due to timing or location issues, etc., he must meet with a different counselor to finish the badge. The Application for Merit Badge has a place to record what has been finished—a "partial." In the center section on the reverse of the blue card, the counselor initials for each requirement passed. In the case of a partial completion, the counselor does not retain his or her portion of the card. A subsequent counselor may choose not to accept partial work, but this should be rare. A Scout, if he believes he is being treated unfairly, may work with his unit leader to find another counselor. An example for the use of a signed partial would be to take it to camp as proof of prerequisites. Partial completions have no expiration except the Scout's 18th birthday. Units, districts, or councils shall not establish other expiration dates for partial merit badges.

[7.0.4.8] — Unofficial Worksheets and Learning Aids

Worksheets and other materials that may be of assistance in earning merit badges are available from a variety of places including unofficial sources on the Internet and even troop libraries. Use of these aids is permissible as long as the materials can be correlated with the current requirements that Scouts must fulfill. Completing "worksheets" may suffice where a requirement calls for something in writing, but this would not work for a requirement where the Scout must discuss, tell, show, or demonstrate, etc. Note that Scouts shall not be required to use these learning aids in order to complete a merit badge.