



Archery

Merit Badge Workbook



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

The work space provided for each requirement should be used by the Scout to make notes for discussing the item with his counselor, not for providing the full and complete answers. Each Scout must do each requirement.

No one may add or subtract from the official requirements found in **Boy Scout Requirements** (Pub. 33216 – SKU 34765).

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

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. Do the following:

a. State and explain the Range Safety Rules:

1. Three safety rules when on the shooting line

Rule:

Explanation:

Rule:

Explanation:

Rule:

Explanation:

2. Three safety rules when retrieving arrows

Rule:

Explanation:

Rule:

Explanation:

Rule:

Explanation:

3. The four whistle commands used on a range and their related verbal commands

Whistle Command:

Verbal Command:

Whistle Command:

Verbal Command:

Whistle Command:

Verbal Command:

Whistle Command:

Verbal Command:

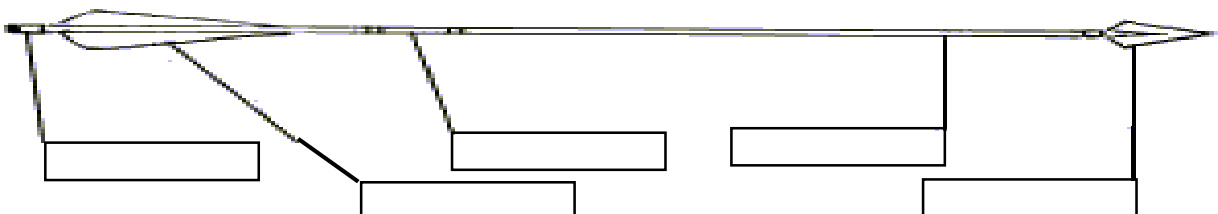
b. State and explain the general safety rules for archery.

☐ Demonstrate how to safely carry arrows in your hands.

c. Tell about your local and state laws for owning and using archery tackle.

2. Do the following:

a. Name and point to the parts of an arrow.



- b. Describe three or more different types of arrows.

Type

Description:

Type

Description:

Type

Description:

Type

Description:

Type

Description:

- c. Name the four principle materials for making arrow shafts.

1.

2.

3.

4.

- d. Do ONE of the following:

☐

- a. Make a complete arrow from a bare shaft using appropriate equipment available to you.

OR

☐

- b. To demonstrate arrow repair, inspect the shafts and prepare and replace at least three vanes, one point, and one nock. You may use as many arrows as necessary to accomplish this. The repairs can be done on wood, fiberglass, or aluminum arrows.

- e. Explain how to properly care for and store arrows.

3. Do the following:

- a. Explain the proper use, care, and storage of, as well as the reasons for using, tabs, arm guards, shooting gloves, and quivers.

 Tabs:

 Arm guards:

 Shooting gloves:

 Quivers:

- b. Explain the following terms: cast, draw weight, string height (fistmele), aiming, spine, mechanical release, freestyle, and barebow.

 Cast:

 Draw weight:

 String height
 (fistmele):

 Aiming:

 Spine:

 Mechanical
 release:

 Freestyle:

 Barebow:

- c. ☐ Make a bowstring using appropriate materials.

4. Explain the following:

- a. The importance of obedience to a range officer or other person in charge of a range

- b. The difference between an end and a round.

- c. The differences among field, target, and 3-D archery

- d. How the five-color Federation Internationale de Tir à l'Arc (FITA) target is scored.

- e. How the National Field Archery Association (NFAA) black and-white field targets and blue indoor targets are scored.

Black and-white field targets:

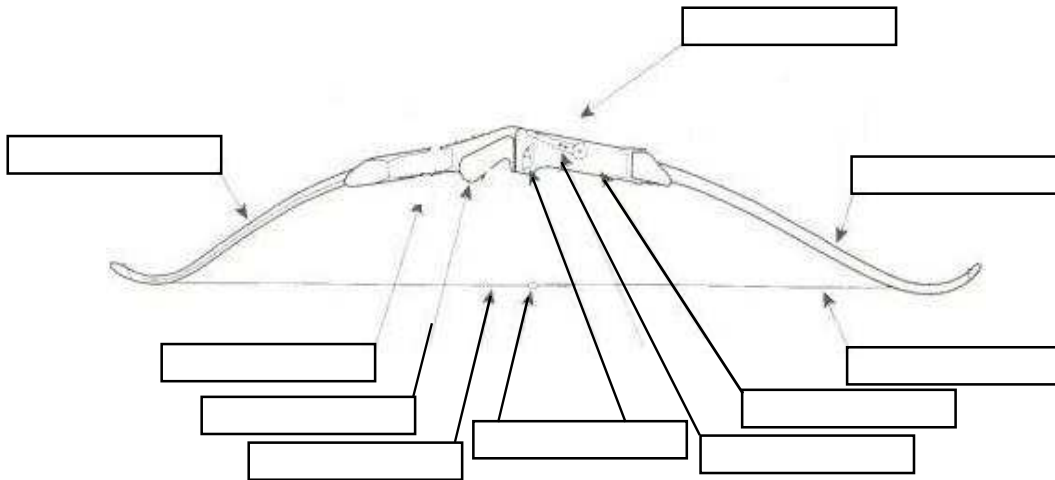
Blue indoor targets:

- f. The elimination system used in Olympic archery competition

5. Do ONE of the following options:

☐ Option A-Using a Recurve Bow or Longbow

- ☐ a. Name and point to the parts of the recurve bow or longbow you are shooting.



- b. Explain how to properly care for and store recurve bows and longbows.

- ☐ c. Show the 10 steps of good shooting for the bow you are shooting.

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- ☐ d. Demonstrate the proper way to string a recurve bow or longbow.

- ☐ e. Using a bow square, locate and mark with dental floss, crimp-on, or other method, the nocking point on the bowstring of the bow that you are using.

- f. Do ONE of the following:

- ☐ 1. Using a recurve bow or longbow and arrows with a finger release, shoot a single round of ONE of the following BSA, USA Archery, or NFAA rounds:

- ☐ a. An NFAA field round of 14 targets and make a score of 60 points

Date: _____ Score _____

- ☐ b. A BSA Scout field round of 14 targets and make a score of 80 points

Date: _____ Score _____

- ☐ c. A Junior 900 round and make a score of 180 points

Date: _____ Score _____

- ☐ d. An FITA/USA Archery indoor round I and make a score of 80 points

Date: _____ Score _____

- ☐ e. An NFAA indoor round and make a score of 50 points

Date: _____ Score _____

(The indoor rounds may be shot outdoors if this is more convenient.)

OR

- ☐ 2. Shooting 30 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 15 yards and using the 10 scoring regions, make a score of 150. Date: _____ Score _____

OR

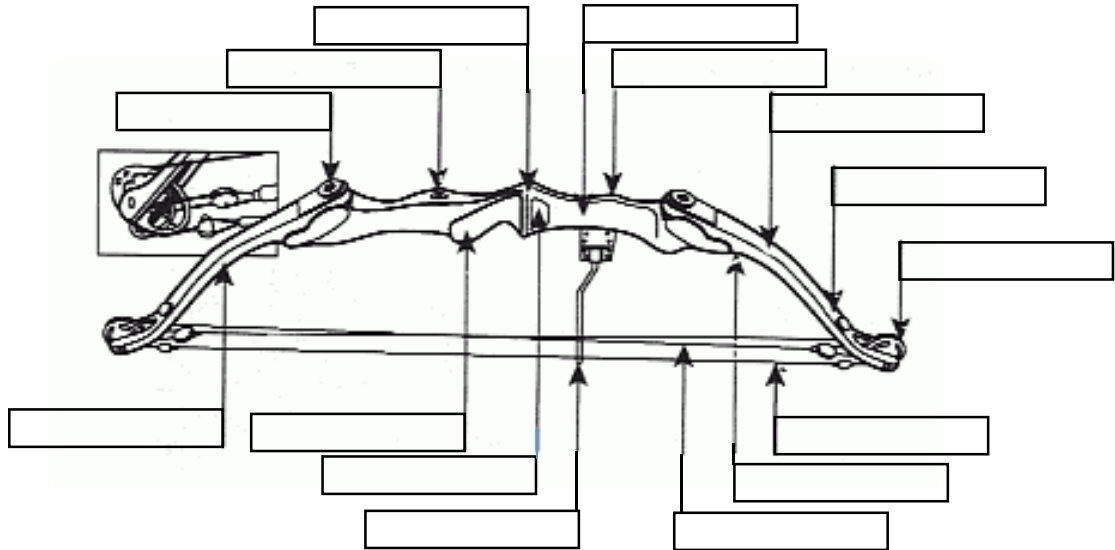
- ☐ 3. As a member of the USA Archery Junior Olympic Development Program (JOAD), qualify as a Yeoman, Junior Bowman, and Bowman.

OR

- ☐ 4. As a member of the NFAA's Junior Division, earn a Cub or Youth 100-score Progression Patch.

☐ Option B-Using a Compound Bow

☐ a. Name and point to the parts of the compound bow you are shooting.



☐ b. Explain how to properly care for and store compound bows.

☐ c. Show the 10 steps of good shooting for the bow you are shooting.

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- ☐ d. Explain why it is necessary to have the string or cable on a compound bow replaced at an archery shop.

- ☐ e. Locate and mark with dental floss, crimp on, or other method, the nocking point on the bowstring of the bow that you are using.

f. Do ONE of the following:

- ☐ 1. Using a compound bow and arrows with a finger release, shoot a single round of one of the following BSA, USA Archery, or NFAA rounds.

☐ a. An NFAA field round of 14 targets and make a score of 70 points
Date: _____ Score _____

☐ b. A BSA Scout field round of 14 targets and make a score of 90 points
Date: _____ Score _____

☐ c. A Junior 900 round and make a score of 200 points
Date: _____ Score _____

☐ d. An FITA/USA Archery indoor* round I and make a score of 90 points
Date: _____ Score _____

☐ e. An NFAA indoor* round and make a score of 60 points
Date: _____ Score _____

(The indoor rounds may be shot outdoors if this is more convenient.)

OR

- ☐ 2. Shooting at an 80-centimeter (32-inch) five-color target at 10 yards and using the 10 scoring regions, make a score of 160. Accomplish this in the following manner:

Shoot 15 arrows in five-arrow ends, at a distance of 10 yards

AND

Shoot 15 arrows in five-arrow ends, at a distance of 15 yards.

Date: _____ Score _____

OR

- ☐ 3. As a member of the USA Archery Junior Olympic Development Program (JOAD), qualify as a Yeoman, Junior Bowman, and Bowman.

OR

- ☐ 4. As a member of the NFAA's Junior Division, earn a Cub or Youth 100-score Progression Patch.

Requirement resources can be found here:

http://www.meritbadge.org/wiki/index.php/Archery#Requirement_resources

Important excerpts from the [Guide To Advancement - 2013](#), No. 33088 (SKU-618673)

[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, including *Advancement Committee Policies and Procedures*, *Advancement and Recognition Policies and Procedures*, 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.

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 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.

- 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 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.

[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. Partials 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.