Archery

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 637685).
The requirements were last issued or revised in 2018 • This workbook was updated in January 2018.

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

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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:	

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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 World Archery Federation 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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10.

☐ 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 10 yards and using the 10 scoring regions, make a score of 150. Date:_____ Score _____

OR

☐ 3. As a member of the NAA's Junior Olympic Archery Development program (JOAD), achieve the level of green, purple, and gray stars as part of a JOAD Club indoor or outdoor season with your chosen style of archery equipment

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 NAA's Junior Olympic Archery Development program (JOAD), achieve the level of green, purple, and gray stars as part of a JOAD Club indoor or outdoor season with your chosen style of archery equipment

OR

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

When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088).Important excerpts from that publication can be downloaded from http://usscouts.org/advance/docs/GTA-Excerpts-meritbadges.pdf.
You can download a complete copy of the *Guide to Advancement* from http://www.scouting.org/filestore/pdf/33088.pdf.