

# 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

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

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. No one may add or subtract from the official requirements found in Scouts BSA Requirements (Pub.# 33216) and/or on Scouting.org. The requirements were last issued or revised in 2023 • This workbook was updated in February 2024.

Scout's Name:	Unit	Date Started
Counselor's Name:	Phone No.:	Email:

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

### 1. Do the following:

a. Explain the five range safety rules.:

Rule:	
Explanation:	
Rule:	
Explanation:	
Rule:	
Explanation:	

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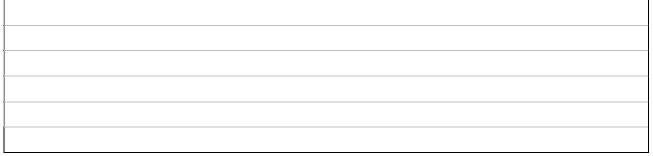
Rule:	
Explanation:	
Rule:	
1.Explanation:	

b Explain the four whistle commands used on the range.

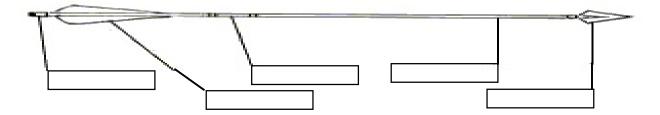
Whistle Command:	
Verbal Command:	
Whistle Command:	
Verbal Command:	
Whistle Command:	
Verbal Command:	
Whistle Command:	
Verbal Command:	

c. Explain how to safely remove arrows from the target and return them to your quiver.


d. Tell about your local and state laws for owning and using archery equipment.



- 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	
Shooting gloves:	
Quivers:	
Quiroroi	

b. Explain the following terms: draw length, draw weight, mechanical release, and barebow.

Draw Length:	
Draw weight:	
Mechanical	
Release:	
Barebow:	

4. Explain the following:

a. The difference between an end and a round.

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

c. How the five-color World Archery Federation target is scored.

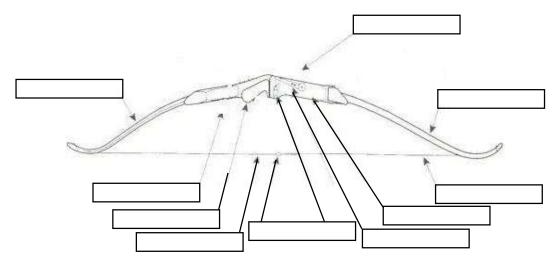
e. How the National Field Archery Association (NFAA) black and-white field targets and blue indoor targets are scored.

Black and-white field targets:	
Blue indoor targets:	

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.



<li>Explain how to properly care for and store recurve bows and longboy</li>
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c. Demonstrate and explain USA Archery's "Steps of Shooting" for the bow you are shooting.

🗌 d.	Demonstrate the proper way to string a recurve bo	ow or longbow.
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- 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 World Archery/USA Archery indoor* round and make a score of 80 p Date:	ooints Score
🗌 e.	An NFAA indoor* round and make a score of 50 points Date:	Score
* -The i	ndoor 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 points

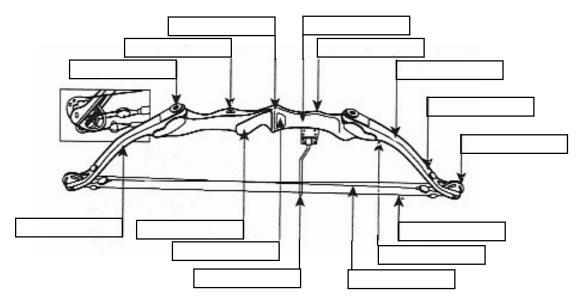
Date:\_\_\_\_\_ Score \_\_\_\_

OR

- 3. As a member of the USA Archery Junior Olympic Archery Development program (JOAD), earn your indoor or outdoor green, purple, and gray achievement award pins using a recurve bow or longbow
  - 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. Demonstrate and explain USA Archery's "Steps of Shooting" for the bow you are shooting.

🗌 e.		ate and mark with dental floss, crimp on, or other method, the nocking point on th you are using.	e bowstring of the
f.	Do	ONE of the following:	
	1.	Using a compound bow and arrows with a finger release, shoot a single round of BSA, USA Archery, or NFAA rounds.	f one of the followi
		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 World Archery/USA Archery indoor* round I and make a score of 90 p Date:	ooints Score
		d. 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 make a score of 160 points. Accomplish this in the following manner: Shoot 15 arrows in five-arrow ends, at a distance of 10 yards AND	e 10 scoring region
		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 Archery Development program indoor or outdoor grenm purple, and gray a chievement award pins using a comp	
	OR		
	4.	As a member of the NFAA's Junior Division, earn a Cub or Youth 100-score Prog	gression Patch.

You can download a complete copy of the Guide to Advancement from http://www.scouting.org/filestore/pdf/33088.pdf.