



# Archery

## Ten Ring Merit Badge Workbook

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

Requirements revised: 2023, Workbook updated: April 2023.

The requirements shown in **RED** will be done at the class/range.

Scout's Name: \_\_\_\_\_

Unit: \_\_\_\_\_

### 1. Do the following:

#### a. Explain the Range Safety Rules:

Rule: \_\_\_\_\_

Explanation: \_\_\_\_\_

\_\_\_\_\_

Rule: \_\_\_\_\_

Explanation: \_\_\_\_\_

\_\_\_\_\_

Rule: \_\_\_\_\_

Explanation: \_\_\_\_\_

\_\_\_\_\_

Rule: \_\_\_\_\_

Explanation: \_\_\_\_\_

\_\_\_\_\_

Rule: \_\_\_\_\_

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: \_\_\_\_\_

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

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**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: \_\_\_\_\_

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Type & Description: \_\_\_\_\_

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Type & Description: \_\_\_\_\_

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Type & Description: \_\_\_\_\_

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

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_

**d. Do one of the following:**

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

**Or**

**2. 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. \_\_\_\_\_

**b. Explain the following terms:**

draw length, \_\_\_\_\_

draw weight, \_\_\_\_\_

mechanical release, \_\_\_\_\_

and barebow. \_\_\_\_\_

**4. Explain the following:**

**a. The difference between**

an end \_\_\_\_\_

\_\_\_\_\_

and a round \_\_\_\_\_

\_\_\_\_\_

**b. The differences among**

field, \_\_\_\_\_

\_\_\_\_\_

target, \_\_\_\_\_

\_\_\_\_\_

and 3-D archery \_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**d. How to score National Field Archery Association (NFAA)**

black and-white field targets \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

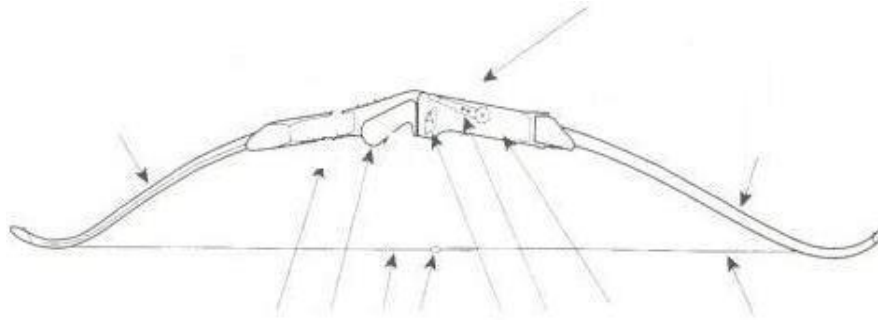
blue indoor targets \_\_\_\_\_

\_\_\_\_\_

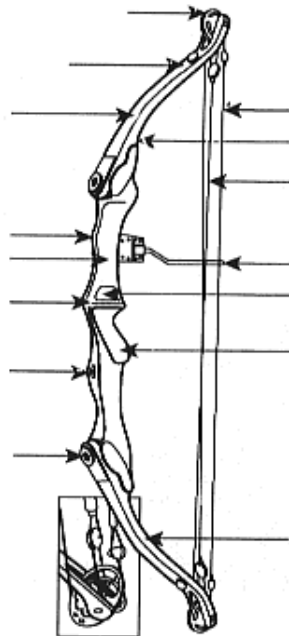
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**5. Do the following:**

a. Name and point to the parts of the recurve bow or longbow.



Name and point to the parts of a compound bow.



b. Explain how to properly care for and store recurve bows and longbows: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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.**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_

**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.**

**f. Do one of the following:**

- 1. With a long, recurve or universal bow, using finger release shoot 30 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 10 yards (30 feet), or at a 60-centimeter (24-inch) five-color target at 23 feet and using the 10 scoring regions, make a minimum score of 150.  
  
Or
- 2. With a compound bow, shoot 15 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 10 yards (30 feet), or at a 60-centimeter (24-inch) five-color target at 23 feet AND shoot 15 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 15 yards (45 feet), or at a 60-centimeter (24-inch) five-color target at 34 feet; both using the 10 scoring regions, make a minimum score of 160.