Archery

Ten Ring Merit Badge Workbook

This workbook can help you but you still need to read the merit badge pamphlet (book).
Requirements revised: 2025, Workbook updated: October 2025.
The requirements shown in **RED** will be done at the class/range.

Scout's Name: _____ Unit: _____

1. Do the following:

a. Explain what a projectile is, and why any device that shoots a projectiles at high speed must be handled with care and respect, and used only in approved locations. _____

_____

_____

b. Explain the five Range Safety Rules:

Rule: _____

Explanation: _____

_____

Rule: _____

Explanation: _____

_____

Rule: _____

Explanation: _____

_____

Rule: _____

Explanation: _____

_____

Rule: _____

Explanation: _____

_____

c. 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: _____

d. Explain how to safely remove arrows from the target and return them to your quiver:_____

_____

_____

_____

_____

e. 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: _____

_____

_____

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

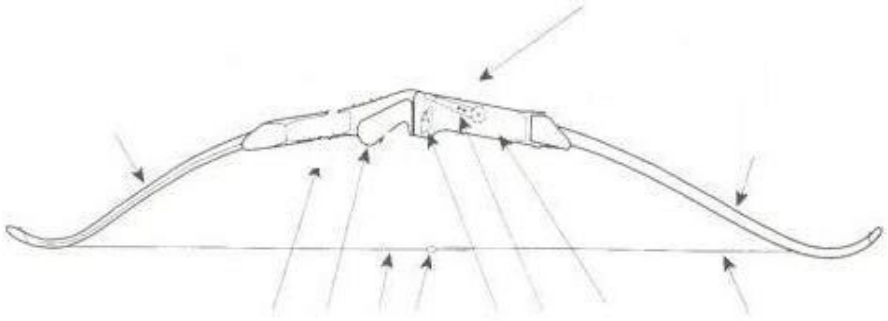
d. How to score National Field Archery Association (NFAA)

black and-white field targets _____

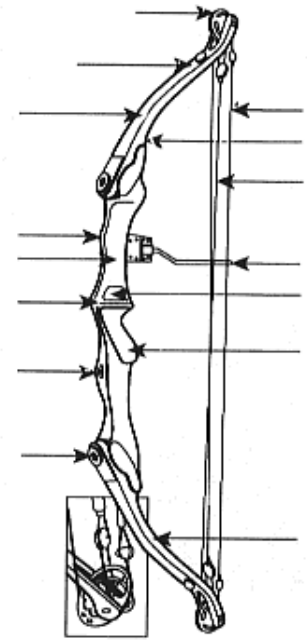
blue indoor targets _____

5. Working under the supervision of a certified USA Archery Level 1 Instructor or a certified long-term camp staff member (i.e., a National Camping School [NCS] Range Activities Director; or a Rangemaster over age 18 who is trained by a NCS Range Activities Director or by a USA Archery Level 1 Instructor), 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 eleven "Steps of Shooting" for the bow you are shooting.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

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

_____

_____

_____

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.