



Archery

Ten Ring Merit Badge Workbook

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

Requirements revised: 2016, Workbook updated: November 2016.

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

Scout's Name: _____

Unit: _____

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. _____

c. Demonstrate how to safely carry arrows in your hands.

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

2. Do the following:

a. Name 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:

cast, _____

draw weight, _____

string height (fistmele), _____

aiming, _____

spine, _____

mechanical release, _____

freestyle, _____

and 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 a l'Arc (FITA) target is scored

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

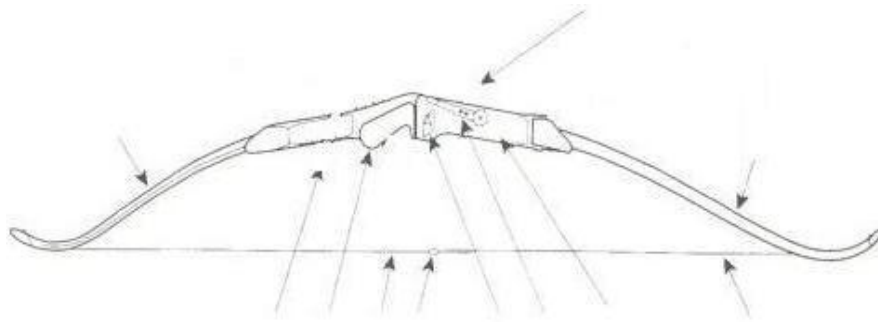
black and-white field targets _____

blue indoor targets _____

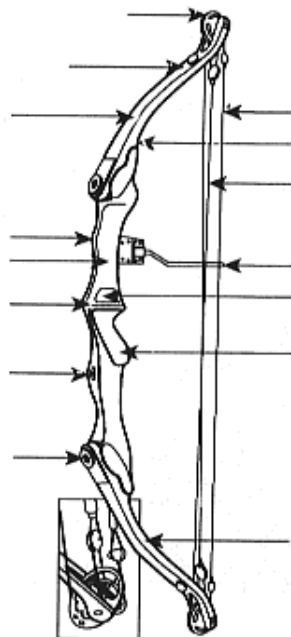
f. The elimination system used in Olympic archery competition

5. Do the following:

a. Name the parts of the recurve bow or longbow.



Name 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. Show the ten steps of good shooting for the bow you are shooting.

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

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

Explain why it is necessary to have the string 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. Shooting 30 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 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. Shoot 15 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 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 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.