

ARCHERY

Merit Badge Requirements

1. Do the following:
 - a. State and explain the Range Safety Rules.
 1. Three safety rules when on the shooting line.
 2. Three safety rules when retrieving arrows.
 3. The four range safety whistle commands and their related verbal commands.
 - 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 out the parts of an arrow.
 - b. Describe three or more different types of arrows.
 - c. Name the four principle materials for making arrow shafts.
 - d. Make a complete arrow from a bare shaft.
 - e. Explain how to properly care for and store arrows.
3. Do the following:
 - a. Explain how to properly care for and store tabs, arm guards, shooting gloves, and quivers.
 - b. Explain the following terms: cast, bow weight, string height (fistmele), aiming, spine, mechanical release, freestyle, and barebow.
 - c. Make a bowstring for the bow you are shooting and use it..
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 National Archery Association (NAA) or Federation Internationale de Tir a l'Arc (FITA) target is scored.
 - e. How the National Field Archery Association (NFAA) black-and-white field targets and blue indoor targets are scored.
 - 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 or longbow you are shooting.
- b. Explain how to properly care for and store recurve bows and longbows.
- c. Show the nine steps of good shooting for the recurve bow or longbow you are shooting.
- d. Demonstrate the proper way to string a recurve bow or longbow.
- e. Locate and mark with dental floss, crimp-on, or other method, the nocking point on the bowstring of the bow you are using.
- f. Do ONE of the following:

1. Using a recurve or longbow and arrows with a finger release, shoot a single round of ONE of the following BSA, NAA, or NFAA rounds:

- (a) An NFAA field round of 4 targets and make a score of 60 points.
- (b) A BSA Scout field round of 14 targets and make a score of 80 points.
- (c) A FITA/NAA Olympic (outdoor) round and make a score of 80 points.
- (d) A Junior indoor* round I and make a score of 180 points.
- (e) A FITA/NAA indoor* round and make a score of 80 points.
- (f) An NFAA indoor* round and make a score of 50 points.

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.

3. As a member of the NAA's Junior Olympic Development Program (JOAD), qualify as a Yeoman, Junior Bowman, and Bowman.

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

1. Name and point to the parts of the compound bow you are shooting.
2. Explain how to properly care for and store compound bows.
3. Show the nine steps of good shooting for the compound bow you are shooting.
4. Explain why it is necessary to have the string on a compound bow replaced at an archery shop.
5. Locate and mark with dental floss, crimp-on, or other method, the nocking point on the bowstring of the bow you are using.

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, NAA, or NFAA rounds:

- (a) An NFAA field round of 4 targets and make a score of 70 points.
- (b) A BSA Scout field round of 14 targets and make a score of 90 points.
- (c) A Junior 900 round and make a score of 200 points.
- (d) A FITA/NAA Olympic (outdoor) round and make a score of 90 points.
- (e) A FITA/NAA indoor* round I and make a score of 90 points.
- (f) An NFAA indoor* round and make a score of 60 points.

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 170.

3. As a member of the NAA's Junior Olympic Development Program (JOAD), qualify as a Yeoman, Junior Bowman, and Bowman.

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

* The indoor rounds can be shot outdoors if this is more convenient.

Requirement 1

Name and explain the archery safety rules:

Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

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Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

Rule: _____

Explanation: _____

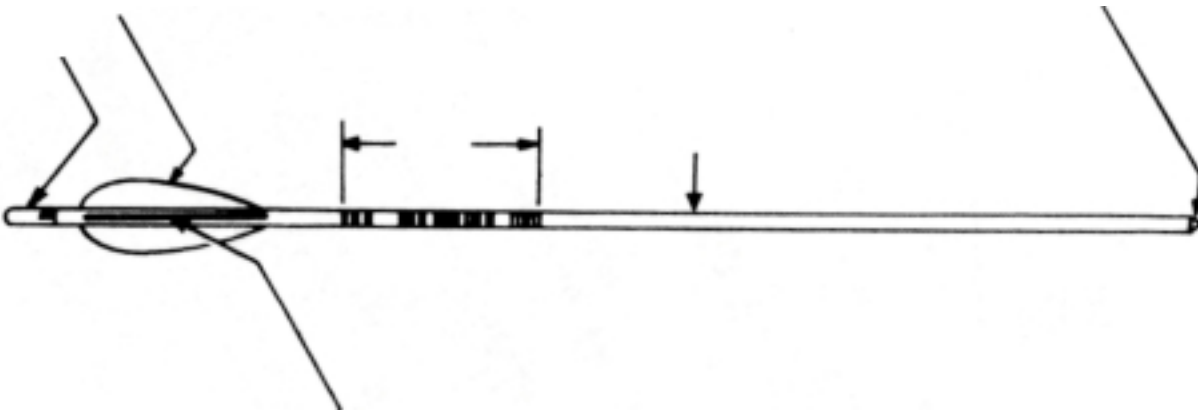
Whistle Commands: _____

Explanation: _____

Tell about the local and state laws on ownership, use and registration of archery tackle: _____

Requirement 2

Name and point out the parts of an arrow:



Describe three or more different types of arrows:

Name the four principle materials for making arrow shafts: _____

Explain how to properly care for and store arrows: _____

___ Make one complete arrow from a bare shaft. Show it to your counselor.

Briefly describe how you made the arrow: _____

Requirement 3

Describe how to use an arm guard: _____

Describe how to use a shooting glove: _____

Describe how to use a finger tab: _____

Describe how to use a quiver: _____

___ Demonstrate the proper use of each to your counselor.

Explain proper care of the bowstring: _____

Explain proper storage of the bowstring: _____

___ Make a bowstring and use it. Show it to your counselor.

Briefly describe how you made the bowstring: _____

Give an explanation for the terms listed below:

Cast: _____

Bow Weight: _____

String Height (Fistmele): _____

Aiming: _____

Spine: _____

Mechanical Release: _____

Freestyle: _____

Bare Bow: _____

Requirement 4

Explain the importance of obedience to a rangemaster or other person in charge of a range: _____

What is the difference between an end and a round? _____

What is the difference between field, target and 3D archery? _____

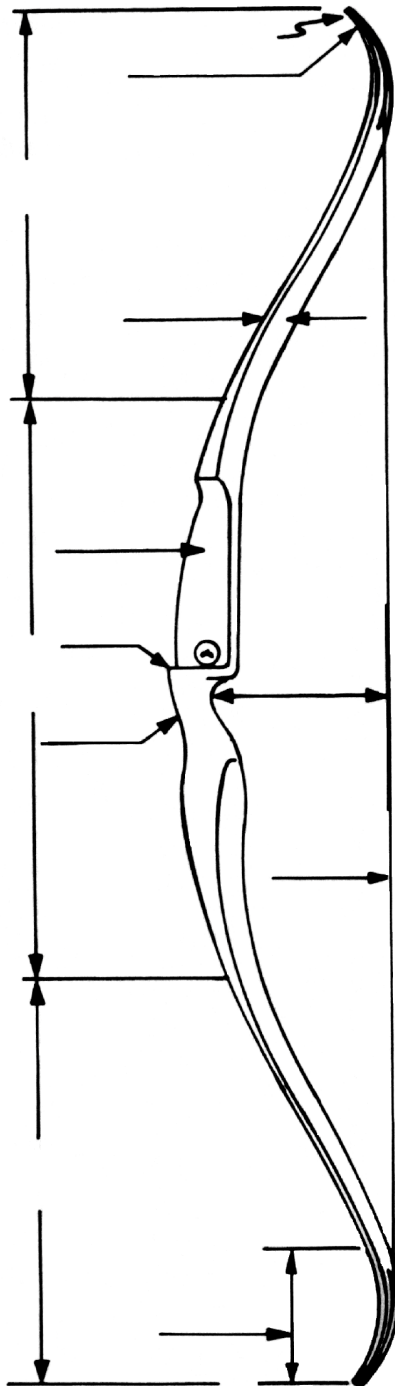
Explain how a five-color NAA or FITA target is scored: _____

Explain how the NFAA black-and-white field targets and blue indoor targets are scored: _____

Explain the elimination system used in Olympic archery competition: _____

Requirement 5 (Option A diagram)

Name and point out the parts of a bow:



Explain proper care of the bow: _____

Explain proper storage for the bow: _____

Explain why it is necessary to have a compound bowstring replaced at an archery shop: _____

Explain proper storage for the bow: _____

Demonstrate to your counselor the 9 basic steps of a good shooting method. Have your counselor mark off each one after you have demonstrated it:

Stance Nock Extend Draw Anchor Tighten & Hold Aim Release Follow-Through

Locate and mark with dental floss, crimp on, or other method the nocking point on a bow string. Demonstrate this for your counselor.

Demonstrate the proper way to string a recurve bow or longbow for your counselor.

Give a brief description of how you located the nocking point: _____

You have been given 2 options for this requirement. Our program is based upon Option A using Recurve/Longbow equipment.

For all options: Shoot the following with bow and arrows, using a finger release:

Option A:

Shoot one round from any of the following field rounds and indoor rounds:

An NFAA field round of 4 targets and make a score of 60 points Score _____

An BSA Scout field round of 14 targets and make a score of 80 points Score _____

An FITA/NAA Olympic (outdoor) round and make a score of 80 points Score _____

An Junior indoor* round I and make a score of 180 points Score _____

An FITA/NAA indoor* round I and make a score of 80 points Score _____

An NFAA indoor* round and make a score of 50 points Score _____

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 Score _____

As a member of an NAA JOAD: qualify as a Yeoman, Junior Bowman, and Bowman Score _____

As a member of the NFAA's Junior Division, earn a Cub or Youth 100-score Progression patch Score _____

Option B:

Shoot one round from any of the following NFAA field rounds and indoor rounds:

- ___ An NFAA field round of 4 targets and make a score of 70 points Score _____
- ___ An BSA Scout field round of 14 targets and make a score of 90 points Score _____
- ___ An FITA/NAA Olympic (outdoor) round and make a score of 90 points Score _____
- ___ An Junior 900 round and make a score of 200 points Score _____
- ___ An FITA/NAA indoor* round I and make a score of 90 points Score _____
- ___ An NFAA indoor* round and make a score of 60 points Score _____
- ___ 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 170 Score _____
- ___ As a member of an NAA JOAD: qualify as a Yeoman, Junior Bowman, and Bowman Score _____
- ___ As a member of the NFAA's Junior Division, earn a Cub or Youth 100-score Progression patch Score _____