



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

- 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.
  - 6) 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.
- 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 170.
- OR**
- 3) As a member of the NAA's Junior Olympic Development Program (JOAD), qualify as a Yeoman, Junior Bowman, and Bowman.
- OR**
- 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

State and explain the Range Safety Rules:

Three safety rules when on the shooting line:

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

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

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

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

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

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

Three safety rules when retrieving arrows:

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

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

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

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

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

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

The four range safety whistle commands and their related verbal commands:

Command: \_\_\_\_\_

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

Command: \_\_\_\_\_

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

Command: \_\_\_\_\_

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

Command: \_\_\_\_\_

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

State and explain the general safety rules for archery. Demonstrate how to safely carry arrows in your hands: \_\_\_\_\_

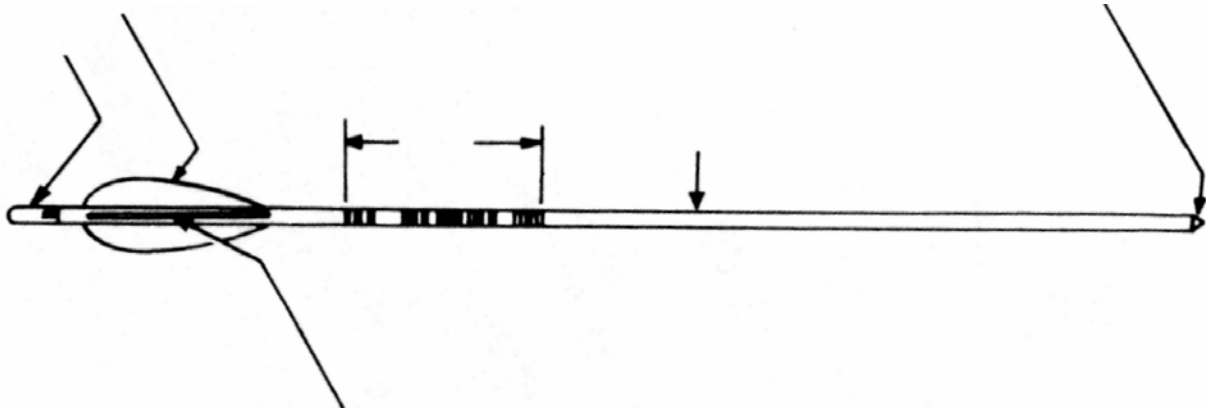
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

Scout Name: \_\_\_\_\_ Unit #: \_\_\_\_\_ Date: \_\_\_\_\_

Tell about your local and state laws for owning and using 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 \_\_\_\_\_  
\_\_\_\_\_

Make a complete arrow from a bare shaft. Show it to your counselor when finished and have them initial here: \_\_\_\_\_

Explain how to properly care for and store arrows \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Requirement 3

Explain how to proper care for and store tabs, arm guards, shooting gloves, and quivers: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Explain the following terms:

Cast: \_\_\_\_\_  
Bow Weight: \_\_\_\_\_  
String Height (fistmele): \_\_\_\_\_  
Aiming: \_\_\_\_\_  
Spine: \_\_\_\_\_  
Mechanical Release: \_\_\_\_\_  
Freestyle: \_\_\_\_\_  
Barebow: \_\_\_\_\_

Scout Name: \_\_\_\_\_ Unit #: \_\_\_\_\_ Date: \_\_\_\_\_

Make a bowstring for the bow you are shooting and use it. Show this to your counselor and have them initial here: \_\_\_\_\_

### Requirement 4

Explain the following:

The importance of obedience to a range officer or other person in charge of a range: \_\_\_\_\_

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The difference between an end and a round: \_\_\_\_\_

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The differences among field, target, and 3-D archery: \_\_\_\_\_

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How the five-color National Archery Association (NAA) or Federation Internationale de Tir a l'Arc (FITA) target is scored: \_\_\_\_\_

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How the National Field Archery Association (NFAA) black-and-white field targets and blue indoor targets are scored: \_\_\_\_\_

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The elimination system used in Olympic archery competition: \_\_\_\_\_

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### Requirement 5

You have been given 2 options for this requirement. Select and complete one of them.

If you selected *Option A*:

Name and Point to the parts of the recurve or longbow you are shooting: \_\_\_\_\_

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

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Show the nine steps of good shooting for the recurve bow or longbow you are shooting: \_\_\_\_\_

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Scout Name: \_\_\_\_\_ Unit #: \_\_\_\_\_ Date: \_\_\_\_\_

Demonstrate the proper way to string a recurve bow or longbow: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_ 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

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:

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

\_\_\_ A BSA Scout field round of 14 targets and make a score of 80 points Score \_\_\_\_\_

\_\_\_ A 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 \_\_\_\_\_

\_\_\_ A FITA/NAA indoor\* round and make a score of 80 points Score \_\_\_\_\_

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

**OR**

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 \_\_\_\_\_

**OR**

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

**OR**

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

If you selected **Option B**:

Name and Point to the parts of the compound bow you are shooting: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Explain how to properly care for and store compound bows: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Show the nine steps of good shooting for the compound bow you are shooting: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Explain why it is necessary to have the string on a compound bow replaced at an archery shop: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_ 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

Using a compound bow and arrows with a finger release, shoot a single round of ONE of the following BSA, NAA, or NFAA rounds:

\_\_\_ An NFAA field round of 4 targets and make a score of 70 points Score \_\_\_\_\_

\_\_\_ A BSA Scout field round of 14 targets and make a score of 90 points Score \_\_\_\_\_

\_\_\_ An Junior 900 round and make a score of 200 points Score \_\_\_\_\_

\_\_\_ A FITA/NAA Olympic (outdoor) round and make a score of 90 points Score \_\_\_\_\_

\_\_\_ A FITA/NAA indoor\* round and make a score of 90 points Score \_\_\_\_\_

\_\_\_ An NFAA indoor\* round and make a score of 60 points Score \_\_\_\_\_

**OR**

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 \_\_\_\_\_

**OR**

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

**OR**

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.