

ARCHERY STUFF

Archery is awesome. There is something very cool about lining up like Robin Hood, hearing the soft twang of the string and the very rewarding THUMP of the arrow hitting the target. It’s just rocks.

If you want the bling to go with the memories, here are the combined “fun parts” of both the [Scout Merit Badge](#) and the [Venturing Ranger Shooting Sports Elective \(archery option\)](#) activity, as well as the complete requirements. If you do the fun parts first, then its up to you do self-study, google classroom, or virtual/zoom meeting to knock out the rest with a counselor or instructor.

This PDF has 3 sections

Page 2 – **The Fun Parts (combined)** for both the Merit Badge and the Venturing Elective.
Print this and take it with you when you go on a fun shoot.

Page 3 – **Ranger Elective 24 Shooting Sports**, including Option III Archery

Page 456 – Scouts BSA Archery **Merit Badge Requirements**, including blue card

The information herein is believed current and complete as of January 2021.

Here are the FUN PARTS to do (combined)

Recurve Bow

MERIT BADGE: Do one of the following:

1. Using a recurve bow or longbow and arrows with a finger release, shoot a single round of ONE of the following BSA, USA Archery, or NFAA rounds:
 - An NFAA field round of 4 targets and make a score of 60 points
 - A BSA Scout field round of 14 targets and make a score of 80 points
 - A Junior indoor round I and make a score of 180 points
 - A World Archery/USA Archery indoor round and make a score of 80 points
 - 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 15 yards and using the 10 scoring regions, make a score of 150.

VENTURING ELECTIVE: Do either

- A. Indoor: Shoot 30 arrows at 18 meters on a 60-centimeter five-color target. You must score 150 of a possible 300.
- OR
- B. Outdoor: Shoot 30 arrows at 40 meters on a 122-centimeter five-color target. You must score 200 of a possible 300.

Compound Bow

MERIT BADGE: 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, USA Archery, or NFAA rounds:
 - An NFAA field round of 4 targets and make a score of 70 points
 - A BSA Scout field round of 14 targets and make a score of 90 points
 - A Junior 900 round and make a score of 200 points
 - A World Archery/USA Archery indoor round I and make a score of 90 points
 - An NFAA indoor round and make a score of 60 points
- OR
2. Shooting at an 80-centimeter (32-inch) five-color target at 15 yards and using the 10 scoring regions, make a minimum score of 160. Accomplish this in the following manner:
 - Shoot 15 arrows in five-arrow ends, at a distance of 10 yards.

AND

 - Shoot 15 arrows in five-arrow ends, at a distance of 15 yards.

VENTURING ELECTIVE: Do either

- A. Indoor: Shoot 30 arrows at 18 meters on a 40-centimeter five-color target. You must score 150 of a possible 300.
- OR
- B. Outdoor: Shoot 30 arrows at 40 meters on a 122-centimeter five-color target. You must score 210 of a possible 300.

Full Ranger Elective 24 Shooting / Archery Option Requirements

<https://www.scouting.org/programs/venturing/venturing-awards-and-advancement/specialty-awards/ranger-award/>

24. Shooting Sports.

a. General knowledge.

- i. Recite, explain, and demonstrate the three primary shooting safety rules.
- ii. Recite and explain the range commands.
- iii. Identify the parts of a pistol, rifle, or bow (whichever one you select) and explain the function of those parts.
- iv. If you chose air pistol, air rifle, muzzle-loading rifle, pistol, or small-bore rifle for your shooting discipline, explain how “minute of angle” is used to “zero” the airgun or firearm.
- v. If you chose muzzle-loading rifle as your shooting discipline, recite the proper steps for loading a muzzle-loading rifle and the proper sequence of firing the shot. Explain each step.
- vi. If you chose archery as your shooting discipline, recite and explain the nine steps to the 10 ring.
- vii. If you chose shotgun as your shooting discipline, explain how you sight a shotgun differently than you would a rifle.

b. Complete a basic training course and the course of fire for one of the following shooting disciplines: i, ii, iii, iv, v, vi, or vii.

- Restrictions: Telescopic sights, electronic sights, and laser sights are prohibited in all disciplines except archery.
- For this elective, shooting must be under the supervision of a certified instructor/coach and with equipment approved by that instructor.

iii. Archery (*Magnifying sights are OK to use in this discipline*) **Option**

Recurve Bow

Indoor: Shoot 30 arrows at 18 meters on a 60-centimeter five-color target. You must score 150 of a possible 300.

Outdoor: Shoot 30 arrows at 40 meters on a 122-centimeter five-color target. You must score 200 of a possible 300.

OR

Compound Bow

Indoor: Shoot 30 arrows at 18 meters on a 40-centimeter five-color target. You must score 150 of a possible 300.

Outdoor: Shoot 30 arrows at 40 meters on a 122-centimeter five-color target. You must score 210 of a possible 300.

c. Make a tabletop display or presentation for your crew, another crew, a Cub Scout or Boy Scout unit, or another youth group about what you have learned about shooting sports. Include information about shooting sports in the summer and winter Olympics.

Full Archery Merit Badge Requirements

<https://boyscoutstrail.com/boy-scouts/meritbadges/archery-merit-badge.asp>

Requirements for the Archery merit badge:

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 whistle commands used on a range 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 equipment.

 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. 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.
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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, aiming, spine, mechanical release, and barebow.
 - c. Make a bowstring using appropriate materials.
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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 World Archery Federation target is scored
 - e. How the National Field Archery Association (NFAA) black-and-white field targets and blue indoor targets are scored
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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 bow or longbow you are shooting.
 - b. Explain how to properly care for and store recurve bows and longbows.
 - c. Show the 10 steps of good shooting for the bow you are shooting.
 - 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 of the bow you are using.
- f. Do ONE of the following:
 1. Using a recurve bow or longbow and arrows with a finger release, shoot a single round of ONE of the following BSA, USA Archery, 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 Junior indoor round I and make a score of 180 points
 - d. A World Archery/USA Archery indoor round and make a score of 80 points
 - e. An NFAA indoor round and make a score of 50 points(The indoor rounds may be shot outdoors if this is more convenient.)

OR

2. Shooting 30 arrows in five-arrow ends at an 80-centimeter (32-inch) five-color target at 15 yards and using the 10 scoring regions, make a score of 150.

OR

3. As a member of the USA Archery Junior Olympic Archery Development Program (JOAD), earn your indoor or outdoor green, purple, and gray achievement award pins using a recurve bow or longbow.

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

- a. Name and point to the parts of the compound bow you are shooting.
- b. Explain how to properly care for and store compound bows.
- c. Show the 10 steps of good shooting for the compound bow you are shooting.
- d. Explain why it is necessary to have the string or cable on a compound bow replaced at an archery shop.
- 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 compound bow and arrows with a finger release, shoot a single round of ONE of the following BSA, USA Archery, 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 World Archery/USA Archery indoor round I and make a score of 90 points
 - e. An NFAA indoor round and make a score of 60 points(The indoor rounds may be shot outdoors if this is more convenient.)

OR

2. Shooting at an 80-centimeter (32-inch) five-color target at 15 yards and using the 10 scoring regions, make a minimum score of 160. Accomplish this in the following manner:

