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National Eagle Scout Association

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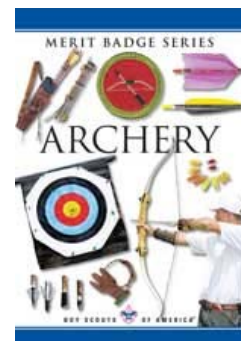
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Archery

Archery is a fun way for Scouts to exercise minds as well as bodies, developing a steady hand, a good eye, and a disciplined mind. This merit badge can provide a thorough introduction to those who are new to the bow and arrow—but even for the experienced archer, earning the badge can help to increase the understanding and appreciation of archery.

Requirements

- Do the following:
 - State and explain the Range Safety Rules:
 - Three safety rules when on the shooting line
 - Three safety rules when retrieving arrows
 - The four whistle commands used on a range and their related verbal commands
 - State and explain the general safety rules for archery. Demonstrate how to safely carry arrows in your hands.
 - Tell about your local and state laws for owning and using archery tackle.
- Do the following:
 - Name and point to 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.
 - Explain how to properly care for and store arrows.
- Do the following:
 - Explain how to properly care for and store tabs, arm guards, shooting gloves, and quivers.
 - Explain the following terms: cast, draw weight, string height (fistmele), aiming, spine, mechanical release, freestyle, and barebow.
 - Make a bowstring.
- Explain the following:



Archery

BSA Supply No. 35856

- The importance of obedience to a range officer or other person in charge of a range
- The difference between an end and a round
- The differences among field, target, and 3-D archery
- How the five-color National Archery Association (NAA) or Fédération Internationale de Tir à l'Arc (FITA) target is scored
- How the National Field Archery Association (NFAA) black-and-white field targets and blue indoor targets are scored
- The elimination system used in Olympic archery competition

5. Do ONE of the following options.

Option A: Using a Recurve Bow or Longbow

- Name and point to the parts of the recurve or longbow you are shooting.
- Explain how to properly care for and store recurve bows and longbows.
- Show the nine steps of good shooting for the recurve bow or longbow you are shooting.
- 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 that you are using.
- 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 14 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 900 round and make a score of 180 points
 - d. A FITA/NAA indoor* round I and make a score of 80 points
 - e. 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.

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

- 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 that 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:
 2. An NFAA field round of 14 targets and make a score of 70 points
 3. A BSA Scout field round of 14 targets and make a score of 90 points

4. A Junior 900 round and make a score of 200 points
5. A FITA/NAA indoor* round I and make a score of 90 points
6. An NFAA indoor* round and make a score of 60 points

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.

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.

Resources

Books and Videos

- Adams, John. *Archery* (Know the Sport). Stackpole Books, 1996.
- Boga, Steven. *Archery* (Backyard Games). Stackpole Books, 1997.
- Fadala, Sam. *Traditional Archery*. Stackpole Books, 1999.
- Hamlett-Wood, Michael. *Field Archery: A Complete Guide*. Robert Hale Ltd, 2002.
- Haywood, Kathleen M., and Catherine F. Lewis. *Archery: Steps to Success*. 2nd ed. Human Kinetics, 1996.
- Sapp, Richard. *Archer's Digest*. 7th ed. Krause Publications, 2003.
- United States Olympic Committee. *A Basic Guide to Archery*. Griffin, 1997.
- Wallentine, Douglas. *Making Indian Bows and Arrows, The Old Way*. Eagle's View, 1988.
- Wise, Larry. *Bow and Arrow: The Comprehensive Guide to Equipment, Technique, and Competition*. Stackpole Books, 1992.

The following books and videos are available from Quintessential Productions, Web site <http://www.qproductsarchery.com> , or USA Archery (National Archery Association), Web site <http://www.usarchery.org/merchandise>.

- Rowe, Ruth. *Archery: The Basics*. #053V (video).
- *Archery: Refining Your Form*. #033V (video).
- *Fundamentals of Recurve Target Archery*. #030B (book).
- Rowe, Ruth, and Alan Anderson. *Simple Maintenance for Archery*. #031B (book).
- Instructional archery videos, including Larry Wise's *The Complete Guide to Beginning Archery*, are available from Robinhood Video Productions Inc., 1036 Arcaro Drive, Gahanna, OH 43230; telephone 614-933-0011; Web site <http://www.robinhoodvideos.com>.

Periodicals

Archery Focus magazine

Toll-free telephone: 800-671-1140

Web site: <http://www.archeryfocus.com>

Organizations and Web Sites

International Archery Federation

(Federation Internationale de Tir a l'Arc)

Avenue de Cour 135

CH1007 Lausanne

Switzerland

Web site: <http://www.archery.org>

International Bowhunting Organization

Telephone: 440-967-2137

Web site: <http://www.ibo.net>**National Field Archery Association**

Toll-free telephone: 800-811-2331

Web site: <http://www.nfaa-archery.org>**USA Archery (National Archery Association/NAA)**

One Olympic Plaza

Colorado Springs, CO 80909

Telephone: 719-866-4576

Web site: <http://www.usarchery.org>**U.S. and International Archer**

Telephone: 520-742-5846

Web site: <http://www.usarcher.com>

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