



12772 Olive Blvd, St. Louis, MO 63141

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Textile Badge Requirements

The following are the requirements listed in the Boy Scouts of America Merit Badge Series booklet.

1. Discuss with your merit badge counselor the importance of textiles. In your discussion, define the terms fiber, fabric, and textile. Give examples of textiles you use every day.
2. Do the following:
 - a. Get swatches of
 - i. two natural-fiber fabrics (100 percent cotton, linen, wool, or silk; no blends).
 - ii. two synthetic-fiber fabrics (nylon, polyester, acrylic, olefin, or spandex).
 - iii. one cellulosic fabric (rayon, acetate, or lyocell).
 - b. Give the origin, major characteristics, and general content of each type of fiber obtained for 2(a). Explain the difference between a cellulosic manufactured fiber and a synthetic manufactured fiber.
 - c. Describe the main steps in making raw fiber into yarn, and yarn into fabric.
 - d. Assume you will soon buy a new garment or other textile item. Tell your counselor what fiber or blend of fibers you want the item to be and give reasons for your choice.
3. Do TWO of the following:
 - a. Visit a textile plant, textile products manufacturer, or textile school or college. Report on what you saw and learned.
 - b. Weave a belt, headband, place mat, or wall hanging. Use a simple loom that you have made yourself.
 - c. With a magnifying glass, examine a woven fabric, a nonwoven fabric, and a knitted fabric. Sketch what you see. Explain how the three constructions are different.
 - d. Make a piece of felt.
 - e. Make two natural dyes and use them to dye a garment or a piece of fabric.
 - f. Waterproof fabric.
 - g. Demonstrate how to identify fibers, using microscope identification or the breaking test.
4. Explain the meaning of 10 of the following terms: warp, harness, heddle, shed, aramid, spandex, sliver, yarn, spindle, distaff, loom, cellulose, sericulture, extrusion, carbon fibers, spinneret, staple, worsted, nonwoven, greige goods.
5. List the advantages and disadvantages of natural plant fibers, natural animal fibers, cellulosic manufactured fibers, and synthetic manufactured fibers. Identify and discuss at least four ecological concerns regarding the production and care of textiles.
6. Explain to your merit badge counselor, either verbally or in a written report, five career possibilities in the textile industry. Tell about two positions that interest you the most and the education, cost of training, and specific duties those positions require.



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Textile Merit Badge Kit \$30.00

The following items are included in the kit sold to the scout. They are referenced to the sections they tie to in the requirements.

Section	Item
All	Reference Workbook providing definitions and resources for exploring textiles.
3a	Visit Yarncom and weave on looms learning how textiles are created.
3d	Wool, 2 Felting Needles, Felting Foam, and pattern for dry and wet felting

The following would be included for the Troop Leader to use when teaching the materials.

- Presentations created in Canva and PowerPoint to be used at scout meetings for each section.
- Textile Samples for Section 2
- Samples of Felt pieces created using dry and wet process.

Textile Clinic

Each clinic will be a total of 3 hours and require homework before and after the clinic to complete your badge. The cost for the clinic is \$50 per scout and includes the merit badge kit and all instruction to achieve the badge.

Prerequisite Homework

- Worksheets for all sections.

Clinic Agenda

- Review Section 1 topics
- Review Swatches and discuss textiles uses and preferences.
- Review Sections 4 – 6 Topics.
- Complete Felt Projects
- Weave on Floor Looms

Post Clinic Homework

- Section 6 Questionnaire completed.
- Email pictures of both projects and the questionnaire to info@yarncomstl.com for approval by Merit Badge Counselor.



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Schedule

Yarncom will host clinics at their location in Creve Coeur, MO:

- Saturday, April 13, 8:30 – 11:30 AM
- Saturday, May 18, 8:30 – 11:30 AM
- Sunday, June 2, 4 – 7 PM

Yarncom staff can travel up to a 30-mile radius from the shop to your Troop's meeting when you have 12 or more scouts. This can be multiple troops meeting together, as long as the scout minimum is reached.