

SEWING - LEADER KEY

SAINTS GLOBAL MEMBER

NAME: _____

BATTALION: _____

TROOP: _____

SKILL BADGE ADVISOR

NAME: _____

EMAIL: _____

PHONE: _____

LEADER KEY

WITH EVALUATION HINTS

**Gold boxes contain leader hints for evaluating each requirement*

STEP 1 | DISCOVER

INITIALS _____

- a) Explain why textiles matter in daily life and define the terms fiber, fabric, and textile, giving examples you use every day. _____

♂ LEADER KEY

Ensure definitions are correct and examples are concrete.

- b) Collect fabric samples: two natural fiber fabrics (100% cotton/linen/wool/silk), two synthetic fabrics (nylon/polyester/acrylic/olefin/spandex), and one cellulosic manufactured fabric (rayon/acetate/lyocell). _____

♂ LEADER KEY

Confirm samples meet the no-blend requirement for natural fibers.

- c) Explain the origin, characteristics, and content of each collected fiber, including the difference between cellulosic manufactured fibers and synthetic manufactured fibers. _____

♂ LEADER KEY

Look for accurate distinctions between cellulosic and synthetic manufacture.

STEP 2 | PLAN

INITIALS

- a) Describe the main steps of making raw fiber into yarn and yarn into fabric, and explain how woven, knitted, and nonwoven constructions differ. _____

♂ LEADER KEY

Ensure the Saint can explain construction differences clearly.

- b) Choose a textile item you might purchase soon and justify the fiber or blend you would choose based on purpose, comfort, durability, cost, and care. _____

♂ LEADER KEY

Look for realistic, purpose-driven reasoning.

STEP 3 | ACT

INITIALS

- a) Complete two hands-on textile skill activities from the following: weaving on a simple self-made loom, making felt, creating and using natural dyes, waterproofing fabric, or fiber identification (microscope/break test). _____

♂ LEADER KEY

Inspect the product and ask the Saint to explain process and improvements.

- a.1) Choose two approved options and explain why you chose them _____

- a.2) Demonstrate correct technique and safe tool/chemical use _____

- a.3) Show the finished result and explain what worked and what you would change _____

- a.4) Explain how the process affects fabric performance (strength, texture, water resistance, colorfastness) _____

- b) Using a magnifying glass or close-up photos, examine and sketch one woven, one knitted, and one nonwoven fabric, then explain the structural differences you observe. _____

♂ LEADER KEY

Ensure sketches match observed structures and explanations are accurate.

- c) Explain the meaning of at least 10 textile terms relevant to your projects (e.g., warp, loom, spindle, cellulose, staple, worsted, nonwoven, spinneret, extrusion, sericulture). _____

 LEADER KEY

Terms should be defined accurately and used in context.

- d) Compare fiber categories (plant, animal, cellulosic manufactured, synthetic) by listing advantages/disadvantages and discussing at least four ecological concerns related to textile production and care. _____

 LEADER KEY

Look for specific, accurate ecological concerns and practical application.

d.1) Provide one advantage and one disadvantage for each category _____

d.2) Identify at least four ecological concerns (water use, chemicals, microplastics, labor/ethics, land use, energy, waste) _____

d.3) Explain one personal habit that reduces textile impact _____

STEP 4 | REFLECT

INITIALS

- a) Identify five careers in textiles and describe two that interest you, including education/training, costs, and typical duties. _____

 LEADER KEY

Ensure the career discussion is realistic and specific.

Continue to next page for certification signature

END OF REQUIREMENTS

BY SIGNING BELOW, I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT ALL REQUIREMENTS WERE MET AT OR ABOVE THE REQUIRED STANDARDS AS OUTLINED IN THE BADGE REQUIREMENTS CHECKLIST.

SKILL BADGE ADVISOR

DATE (YYYY-MM-DD)