



Textile

Virtual Merit Badge Class Workbook

This workbook can help Scouts to explain certain requirements but they still need participate in the virtual class and read the merit badge book. Scout's Name:______ Unit: _____ Counselor's Name: _____ Phone No.: ____ Email: _____ 1. Discuss with your merit badge counselor the importance of textiles. In your discussion, define the terms fiber, fabric, and textile. Fiber; Fabric; Textile:

Textile	Scout's Name:
Give examples of textiles you use	every day.
☐ Get swatches of two ☐ Get a sample of one	natural-fiber fabrics (100 percent cotton, linen, wool, or silk; no blends). synthetic-fiber fabrics (nylon, polyester, acrylic, olefin, or spandex). cellulosic fabric (rayon, acetate, or lyocell). aracteristics, and general content of each type of fiber obtained for 2a.
Natural Swatch type:	
Origin:	
Major characteristic	S:
General content:	
National Constabilities	
Natural Swatch type:	
Origin:	
Major characteristic	g.
Major Grianacieristic	J
General content:	
Ocheral Content.	

Scout's Name: _ Textile Synthetic Swatch type: Origin: Major characteristics: General content: Synthetic Swatch type: Origin: Major characteristics: General content: Cellulosic Swatch type: Origin: Major characteristics: General content:

Tex	xtile		Scout's Name:
			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.			of the following:
	<u></u>	a.	Visit a textile plant, textile products manufacturer, or textile school or college. Report on what you saw and learned.

Te	xtile			Scout's Name:
		b.	Weave a bel	t, headband, place mat, or wall hanging. Use a simple loom that you have made yourself.
		C.		ifying glass, examine a woven fabric, a nonwoven fabric, and a knitted fabric. Sketch what you see. the three constructions are different.
	П	d.	Make a piece	e of felt.
			•	tural dyes and use them to dye a garment or a piece of fabric.
			Waterproof a	
		-		e how to identify fibers, using microscope identification or the breaking test.
4.				of 10 of the following terms: warp, harness, heddle, shed, aramid, spandex, sliver, yarn, spindle, distaff, ulture, extrusion, carbon fibers, spinneret, staple, worsted, nonwoven, greige goods.
		wa	rp,	
		har	ness,	
		hed	ddle,	
		she	ed,	
		ara	ımid,	

Textile		Scout's Name:
	spandex,	
	sliver,	
	,	
Ш	yarn,	
	spindle,	
	diatoff	
Ш	distaff,	
	loom,	
	cellulose,	
	·	
	sericulture,	

Textile			Scout's Name:
	extrusion,		
	carbon fibers,		
	,		
	spinneret,		
	staple,		
	worsted,		
	nonwoven,		
Ш	greige goods.		
5. List	the advantages and	disadvantages of natural plant fibers, natural anima	al fibers, cellulosic manufactured fibers, and
syn	thetic manufactured	Advantage	Disable state
	latural plant fibers	Advantages	Disadvantages
Γ	Natural plant fibers,		

	Natural animal fibers,	
	Cellulosic	
	manufactured fibers	
	Synthetic manufactured fibers	
Ιd	entify and discuss at least for	r ecological concerns regarding the production and care of textiles.
1	entity and discuss at least lot	li dediagical contents regarding the production and care of textiles.
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Textile

Scout's Name:

Textile	Scout's Name:
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6. Explain to your merit badge cou	nselor, either verbally or in a written report, five career possibilities in the textile industry.
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4	
5	
	1

xtile	Scout's Name:
Tell about two positions that inte	erest you the most and the education, cost of training, and specific duties those positions requ
Position 1:	
Education:	
Cost of Training:	
Specific Duties:	
Position 2:	
Education:	
Ocal of Tarinian	
Cost of Training:	
Specific Duties:	

The use of this merit badge workbook is convenient and thorough, however it is not mandatory. Any Scout who wishes to communicate their work on this merit badge in an alternative mannershould inform the Camp CIEC Staff at the time of registration. Otherwise we will assume that you will be using this workbook to assist you in your work towards this merit badge.

All participants will be held to a high standard. To earn this merit badge participation is required. Completing this workbook alone does not guarantee getting the merit badge. Scouts will have 10 days from the first scheduled day of class to submit all work towards requirements for this merit badge to Camp CIEC Staff. After reviewing all of the Scouts work we will mail out blue cards informing Scouts of all the completed requirements. If the Scout completes all the requirements to the satisfaction of the merit badge counselor the blue card will also include the merit badge counselors signature. While Camp CIEC Virtual Camp is on-going we will not be able to go back and review or sign off work from previous sessions. Scouts are expected to speak with their Scoutmaster who will assist them in finding a merit badge counselor to complete an unfinished merit badge. There is NO REFUNDS for online merit badge classes