Student's Signature

NAME		PERIOD	DATE	SCORE
		T-L-C SEWI	NG PERMIT	
DIRECTIO	ONS:	Have the teacher initial e	each item listed w	vhen you have completed
	1.	Know and identify sewin	ng machine parts	and functions.
	2.	Complete "Crazy Stitching	ng."	
· ·	3.	Wind the sewing machin	ne bobbin.	
gasacon de la companya de la company	4.	Thread the sewing mach	hine.	
	5.	Insert bobbin in bobbin of lower thread.	case, place in mad	chine, and bring up
***************************************	6.	Do a basting stitch. (Width=, Length=	_, 3/8-inch seam)	ı
	7.	Do regular stitch and pro (Width=, Length=		·
	8.	Use the rotary cutter an	d mat properly an	nd safely. Watch teacher
		demonstration first!		
	9.	Do decorative stitches of	on bookmark.	
	10.	Do zigzag stitch on table (Width=, Length=	•	
	11.	Use the serger properly	and safely.	
		T-L-C SEWII	NG LICENSE	
	·= 04			
This certif	_	nts and qualifies for an ope	rator's license in t	has completed the the
Signed:				
Signos.	Fam	nily and Consumer Science	⇒s Teacher [Date
l agree to	abide b	y the rules of this lab and o	clean up after mys	self.

Student Activity Guide

BEBESESSESSESSESSESSES

NAME _____ PERIOD ____ DATE ____ SCORE ____

PARTS OF THE SEWING MACHINE STUDY GUIDE AND QUIZ

Directions: Write the name of the machine part in the blanks.

NOTE: Each teacher will need to put a diagram of the machine(s) in his/her

classroom on this page with blanks drawn in for the students to identify

the various machine parts.

PARTS OF THE SEWING MACHINE

1. Bobbin: holds the thread inside the machine. 2. Bobbin case: holds the bobbin; allows the bobbin to turn and form the stitch; provides bobbin thread tension. 3. Bobbin winder spindle: holds the bobbin while winding the bobbin. 4. Bobbin winder tension: provides tension on the thread when winding the bobbin. 5. Feed dog: moves the fabric along as you sew. 6. Feed-dog control knob: lowers and raises the feed dog. 7. Foot or knee control: controls how fast the machine sews. 8. Handwheel: controls the movement of the take-up lever and needle; can be controlled by power or by hand; should always be turned toward you. 9. Handwheel release: stops needle movement during bobbin winding. 10. Light switch: turns the light off and on. 11. Needle: carries the thread and pierces the fabric. 12. Needle clamp: holds the needle in place. 13. Needle plate: fits around the feed dogs and the needle goes through it; has a seam guide on it. 14. Needle position moves the needle to different positions: center, control knob. right, and left. 15. Power switch: turns the sewing machine on or off. 16. Presser foot holds fabric in place while you sew. 17. Presser foot lever: lifts and lowers the presser foot. 18. Reverse control: allows the machine to stitch backward. 19. Spool pin: holds the spool of thread in place. 20. Stitch length control: sets the length of the stitch. 21. Stitch pattern selector: shows you which pattern the machine will sew. 22. Stitch width control: sets the width of the zigzag stitch. (zigzag control) 23. Take-up lever: pulls thread from the spool.

24. Thread cutter: a place to cut the thread(s) without using scissors. 25. Thread guides: holds the thread in place on the sewing machine. 26. Thread tension control: adjusts the tension on the thread as required for a

particular project.

PARTS OF THE SEWING MACHINE STUDENT DIRECTIONS

You may complete this activity by yourself or with several other students.

STEP #1: Study the diagram of your sewing machine provided by your teacher, and

the list of sewing machine parts (page 9.13). When you think you can name the parts AND their functions (what they do), get the quiz from your teacher and complete it. (You must pass the quiz before you can use the

sewing machine.)

STEP #2: Correct your quiz. If you had any incorrect answers, return to your

machine and study the machine parts, then retake the guiz until you can

identify all of the machine parts and their functions.

STEP #3: Congratulations! You are now ready to use the sewing machine.



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CRAZY STITCHING

Some helpful ideas:

- 1. Sew slowly to begin with.
- 2. Don't hold the fabric back; let it go through as fast as the machine takes it.
- 3. Guide the fabric lightly with the tips of your fingers.
- 4. Sew in the following order:
 - 1. Longest straight lines
 - 2. Curved lines
 - 3. Spirals
 - 4. Square corners

STARTING

STEP #1: Turn the sewing machine on.

STEP #2: Put your right hand on the handwheel. Turn the wheel TOWARD YOU

until the take-up lever is as high as it can be at the top of the machine.

STEP #3: Place the fabric between the presser foot and the needle, and directly

over the line of stitching.

STEP #4: Lower the needle into the fabric.

STEP #5: Put the presser foot lever down.

STEP #6: Press the foot or knee control very carefully and begin sewing.

STOPPING

STEP #1: When you come to the end of a pattern, stop the machine by taking your

knee or foot off the power control. Make certain that the needle is up out of the fabric. If it is still in the fabric, turn the handwheel until the needle

comes up and the take-up lever is at the top.

STEP #2: Lift the presser foot lever. Move the fabric to the next position.

CRAZY STITCHING - PAGE 2

BACKSTITCHING

STEP #1: Put the edge of the fabric under the needle and lower the presser foot.

STEP #2: Sew three (3) stitches forward and stop.

STEP #3: Put sewing machine in "reverse" and sew backward for three (3) stitches.

STEP #4: Put sewing machine in "forward" and continue sewing on the line of

stitching.

STEP #5: At the end of the line of stitching, put the sewing machine in "reverse" and

sew backward for three (3) stitches.

STEP #6: Put sewing machine in "forward" and stitch to edge of fabric and stop.

CURVED, SPIRAL, AND PIVOTING

CURVED AND SPIRAL:

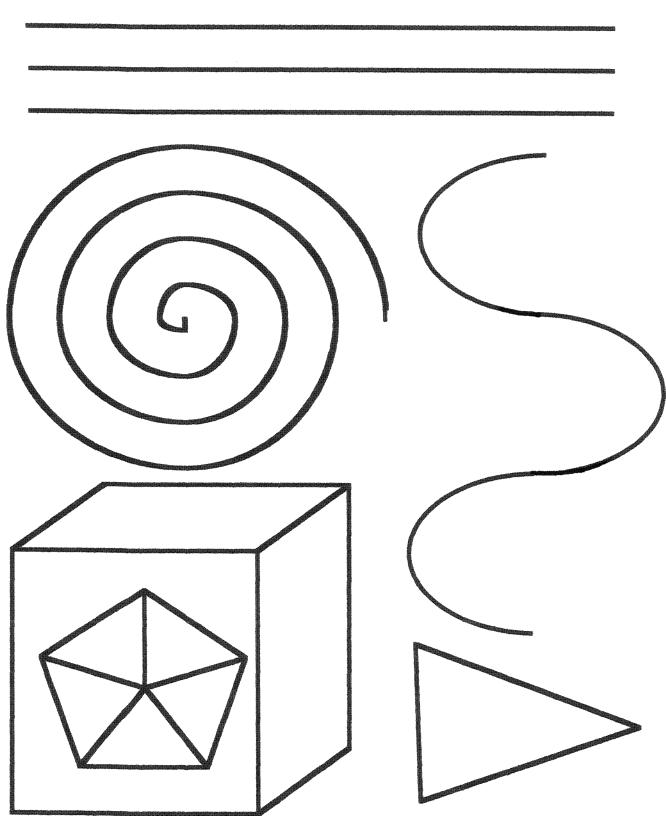
Stop the machine every fourth or fifth stitch to adjust the fabric so that you stay on the curved line. BE SURE THE NEEDLE IS DOWN IN THE FABRIC WHEN YOU STOP. Lift the presser foot lever and turn the fabric so that the machine will sew in the direction of the line.

PIVOTING:

Stitch to the first corner of the design and stop. With the needle still down in the fabric, lift the presser foot lever and turn the fabric so that the machine will sew in the new direction. Lower the presser foot lever and continue.

Student Activity Guide

CRAZY STITCHING



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NAME	FF	PERIOD	DATE	SCORE
	SEWING MACI	LINE DARTS	CROSSWOR	N PI 1771 F
	SEVING MACI	IIIIL PARTO	OKOOOWOK	
Direct	ions: Write the name of t	the machine p	arts in the cor	rect space in the puzzle.
ACRO	OSS:			
3. 5	Raises and lowers the pre			
5. 7.	The bobbin hold			
7. 8.	Holds the spool of thread This switch turns the light	-	pili. (2 wolus)	
9.	Carries the lower thread in		7	
10.	Carries the upper thread a			
11.	• •	•		n and usually has a seam
	guide on it.			,
14.	Holds the bobbin while it	is being woun	d. (3 words)	
16.	The foot he	elps to hold th	e fabric in plac	e while sewing.
19.	The			bobbin to turn and help
	form the stitch; provides			
20.	Holds the spool of thread		•	
21.	Can be turned by hand to	control the p	osition of the n	leedle. (2 words)
DOW	N			
1.	This regulator controls the	e length of the	stitch. (2 wor	ds)
2.	This regulator controls the			
4.	The sewing machine sew			
6.	Provides tension on the t		•	
11.	Guide the thread from the			ewing. (2 words)
12. 13.	The switch turn			needle evenly. (2 words)
15. 15.	The foot conf			
17.	The lever p	ulls the thread	from the spoo	ol (2 words)
18.	The mov	ves the fabric	through the ma	achine as vou sew.
	(2 words)		anough are m	acimic do you com
BOBE	DINI	DEDAI		TAKE UP
	BIN CASE	PEDAL POWER		TENSION DISCS
	BIN WINDER SPINDLE			
	BIN WINDER TENSION			

FEED DOG SPOOL CAP HANDWHEEL SPOOL PIN STITCH LENGTH LIGHT NEEDLE STITCH WIDTH

Student Activity Guide

BEBESESSESSESSESSESSES

NAME	PERIOD	DATE	SCORE	

SEWING MACHINE PARTS CROSSWORD PUZZLE

											2						
			3													4.	
											5						
					6												
			7														
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	14											15		2 - 1 ² - 2			

				16									17		18		
							19										
20																	
			21					SOMEON AND ADDRESS OF THE PARTY									

WINDING A BOBBIN

To complete this activity, you will need to:

- 1. Have a bobbin and some thread.
- 2. Take this direction sheet and go to the sewing machine.

(NOTE: Each teacher will need to remove this message and put the diagrams for winding the bobbin here. These can be found in the sewing

machine instruction booklets.)

WASN'T THAT FUN! Now that your bobbin is wound, you may proceed to the next activity. If the class period is ending, remove the bobbin and thread from the machine and put them away as directed by your teacher.

Student Activity Guide

THREADING THE SEWING MACHINE

To complete this activity, take your thread and bobbin to your machine and follow the directions provided by the teacher.

(NOTE:

Each teacher will need to remove this message and put the diagrams for threading the machine here. These can be found in the sewing machine instruction booklets.)

THAT WASN'T SO HARD, WAS IT?

Now, practice threading your machine several times.

You may now proceed to the next activity.

Ø Z	S S S S S S S S S S
NAME	E PERIOD DATE SCORE
	TEXTILES EQUIPMENT
THE S	SEWING MACHINE
1.	How many threads does a sewing machine use to form a stitch?
2.	Who is Elias Howe?
3.	How were the first sewing machines powered?
4.	How did people sew before the sewing machine was invented?
5.	What is "assembly line production"?
6.	Which direction should the handwheel always be turned (even when stitching in reverse)?
7.	The presser foot should always be in this position for sewing: up down
8.	The take-up lever should be in this position at the beginning and the ending of a
	line of sewing: up down
THE F	ROTARY CUTTER AND MAT
1.	What does the rotary cutter and mat do?
2.	What piece of small equipment is the rotary cutter and mat used in place of?
3.	What is the main advantage in using a rotary cutter and mat?
4.	What is the main disadvantage in using a rotary cutter and mat?
5.	Is it okay to use pins to hold the pattern in place while cutting?
6.	Is it okay to use a back-and-forth motion when cutting?

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TEXTILES EQUIPMENT - PAGE 2

THE SERGER

1.	Three differences between the serger and the conventional sewing machine are:
	a
	b
	C
2.	The serger does three steps in one operation. They are:
	a
	b
	C
3.	Can pins be used with the serger?
4.	Is it necessary to pull the fabric through the serger as it sews?
5.	Which direction should the handwheel be turned on your serger?

