



3055 BA SANGAM COLLEGE

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WORKSHEET 14

School: Ba Sangam College

Name: _____

Subject: Home Economics

Year 11

Strand	CLOTHING & TEXTILES
Sub Strand	HEC 11.3.4 SEWING EQUIPMENT
Content Learning Outcome	HEC 11.3.4.1 Demonstrate competency in safe use and operation for sewing production.

USE OF SEWING MACHINES

- A sewing machine is a textile machine used to stitch fabric, cards and other material together with thread.
 - invented to decrease the amount of manual sewing performed in clothing companies.
 - It has greatly improved the efficiency and productivity of the clothing industry.
 - designed for one person to sew individual items while using a single stitch type.
- **Industrial sewing machines** are used for mass production since they are larger, faster and more varied in their cost, size, appearance and task.

CARE OF SEWING MACHINES

- Store your sewing machine under a dust cover at room temperature in a dry place.
- Use only new, high quality thread to reduce interior lint build up.
- Unplug your machine regularly and dust inside the bobbin case with a soft cosmetic brush.
- Oil your sewing machine including bobbin case using your user manual. Be sure to use high grade white sewing machine oil• containing no paraffin and pour oil at all oiling points.

FUNCTIONS OF ADVANCED PARTS OF SEWING MACHINE

PARTS	FUNCTIONS
ZIPPER FOOT	able to adjust so it is on the left or the right side of the sewing machine needle. This adjustment allows you to sew the zipper without the presser foot applying pressure to the zipper teeth, which will not move when caught in the feed dogs because of pressure from a presser foot.
Button Holder	is an attachment for a sewing machine which automates the side-to-side and forward and backward motions involved in sewing a buttonhole.
Decorative Stitch Disc	These stitches include the domino stitch, the arrowhead stitch, and the walls of Troy stitch, the solid scallop stitch, the solid diamond stitch and the crescent stitch. The stitches can be used for decorative applique edgings, elegant borders and other embellishments. They can add visual

	variety and elegant detail to a sewing project with otherwise boring lines.
Rolled Hem foot	A rolled hem presser foot on a sewing machine enables quick and easy hemming. A rolled hem uses a special foot on your sewing machine – called the rolled hem foot to roll the edge of the fabric onto itself and stitch it in place.

SEWING MACHINE SAFETY RULES

Make sure your sewing machine cord is in good shape: Before sewing, spend a few minutes inspecting the cord to be in good condition. To keep your cord in good condition, make sure it stays straight and untangled.

Unplug after every use: When unplugging your sewing machine, never pull the cord by the cable but grab the plug and pull it gently out of the wall socket.

Watch your fingers: Don't let your fingers get too close to the feeder. Sew at a slow, steady pace to avoid sewing over your finger.

- **Don't sew across tacking pins:** As a pin nears the presser foot, stop the sewing machine long enough to remove the pin.

- **Use the proper needle for the fabric you are sewing:** a needle that is not the right size or thickness for the job could end up breaking.

Make sure there is enough light: Using a sewing machine in poor lighting can lead to mishaps

ACTIVITY

1. Identify the uses of the following: (2 marks)

a. Rolled hem foot-

b. Button holder-

2. List 3 ways of taking care of a sewing machine. (3marks)

a.

b.

c.

3. Describe the following rules in your own words. (2 marks)

a. Make sure there should be enough light.

b. Machine cord to be in god shape.
