



# 3055 BA SANGAM COLLEGE

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## WORKSHEET 8

School: Ba Sangam College

Name: \_\_\_\_\_

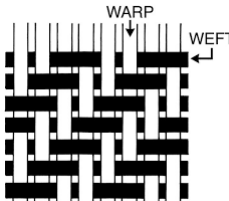
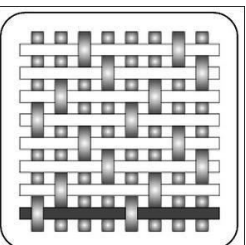
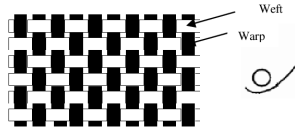
Subject: Home Economics

Year 11

<b>Strand</b>	CLOTHING & TEXTILES
<b>Sub Strand</b>	HEC 11.3.1 Fibres and Fabrics
<b>Content Learning Outcome</b>	HEC 11.3.1.1 Explore the characteristics of special fibers ,woven and knitted fabrics

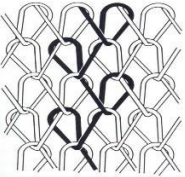
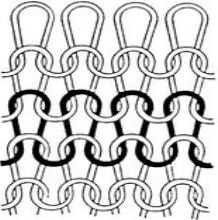
### PRODUCTION OF FABRICS

**Weaving** - is a method of textile production in which two distinct sets of yarns or threads are interlaced at right angles to form a fabric or cloth.

Type of weaves	Methods	Uses
Twill weave 	In a twill weave, the weft passes over two or several warp threads to produce a diagonal pattern.	Denim, tweed, chino, gabardine, drill, covert, and serge.
Satin weave 	The weft can pass as many as 12 warp threads so that the diagonal lines cannot be seen.	Womens' lingerie, nightgowns, blouses, and evening gowns, but also in boxer shorts, shirts and neckties.
Plain weave 	In plain weave, each weft thread (Filling) passes alternatively over and under each ways yarn in a square pattern.	Plain weave produces a firm woven fabric.

## Types of Weaving

**Knitting** is done by set of connected loops from a series of yarn in warp or weft direction.

Types	Methods	Uses
<p>Warp Knitting</p> 	<ul style="list-style-type: none"> <li>• In a warp knitted structure each loop in the horizontal direction is made from different thread.</li> <li>• Elasticity of the warp knitted fabrics is less than weft knitting.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Single jersey or plain fabric</li> <li><input type="checkbox"/> Purl Fabric</li> <li><input type="checkbox"/> Rib Fabric</li> <li><input type="checkbox"/> Interlock Fabric</li> </ul>
<p>Weft Knitting</p> 	<ul style="list-style-type: none"> <li>• In weft knitting, the loops are formed across width of the fabrics.</li> <li>• Each weft thread is fed, more or less at right angles to direction in which the fabric is produced.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Single jersey or plain fabric</li> <li><input type="checkbox"/> Purl Fabric</li> <li><input type="checkbox"/> Rib Fabric</li> <li><input type="checkbox"/> Interlock Fabric</li> </ul>

### Worksheet 8

1. State the difference between weaving and knitting.

**(2 marks)**

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2. Describe the following types of weaving .

**(2 marks)**

a. Satin weave:

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b. Twill weave:

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3. Differentiate warp and weft knitting.

**(2 marks)**

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4. List 2 uses of:

**(2 marks)**

a. Plain weave- \_\_\_\_\_

b. Weft knitting- \_\_\_\_\_