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Kagawasan Ave., Daro, Dumaguete City, Negros Oriental



TLE-H.E.-DRESSMAKING

Quarter 1 – Module 2:

FABRIC



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TLE – Grade 9
Alternative Delivery Mode
Quarter 1 – Module 2: Fabric
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TLE

Quarter 1 – Module 2:

FABRIC





What I Need to Know

This DRESSMAKING course leads to National Certificate Level II. This is designed for Grade 9 student to develop competencies: plans, designs and sews sleeping garments and children's wear. It discusses and explains the tools, materials and equipment used in the making of desired products. It also demonstrates different techniques and processes which will guide the learner in developing the skills and knowledge to work effectively and efficiently.

The module covers Lesson 1: Fabric

After going through this module, you are expected to:

1. identify the different types of fabric;
2. discuss the characteristics of each type of fabric; and
3. use appropriate fabric for a certain project.



What I Know

Multiple Choices

Direction: Read the statements carefully. Choose the letter that best describe the statement. Write your answer in your quiz notebook

1. It is the cloth used in making garments.
a. sack b. Fabric c. glass d. shells
2. Which type of fabric does not stretch except on the bias cut?
a. Woven b. Knit c. Canvas d. Cotton
3. The type of fabric has loops of fiber that allow the fabric to stretch?
a. Woven b. Knit c. Canvas d. Cotton
4. The world most popular fabric it is cool to wear and easy to wash.
a. Woven b. Knit c. Canvas d. Cotton
5. This kind of cotton fabric is one of the most heavy-duty cottons use for jeans and jackets.
a. Cotton Chintz b. Denim c. Terrycloth d. Broadcloth

6. Which of this fabric is made of flax plant?
 a. Linen b. Cotton c. Silk d. Wool
7. This fabric is made from cocoon.
 a. Linen b. Cotton c. Silk d. Wool
8. A lightweight silk fabric that goes with the flow.
 a. Chiffon b. Georgette c. Brocade d. Shantung
9. A lightweight silk and barely visible.
 a. Chiffon b. Georgette c. Brocade d. Shantung
10. Which of the following is made from the sleets of sheep?
 a. Linen b. Cotton c. Silk d. Wool
11. A twill-wave fabric, hand washable and do not wrinkle.
 a. Gabardine b. Crepe c. Boiled d. Melton
12. A thick absorbent cotton use for robes, towels, beachwear and home decorating.
 a. Seersucker b. Cotton Voile c. Terry cloth d. Cotton pique
13. This is thick and bulky wool fabric used for coats.
 a. Seersucker b. Cotton Voile c. Melton d. Boiled
14. The strong and durable synthetic fabric, dries quickly with sharp pleat and crease retention.
 a. Polyester b. Nylon c. Rayon d. Acrylic
15. A synthetic fabric with high bulking power.
 a. Polyester b. Nylon c. Rayon d. Acrylic

Lesson

1

FABRIC

Deciding which type of fabric to make a garment is an important decision, as fabrics can have countless qualities. **Fabric** is cloth made of fibers. **Fibers** are hair-like strands that are wound to make yarn or thread used to make fabric. Fabric is the cloth or material used in making our clothes, curtains, tablecloths, sheets and many other items.

This module will acquaint you to the different kinds of fabrics, its characteristics and properties.



What's In

Direction: Look around your house and identify the different kinds of fabric you have.

- 1.
- 2.
- 3.
- 4.
- 5.



Notes to the Teacher

The following are information that would lead to the activities and assessment. Some activities may need your own discretion upon checking or you may use a rubric if provided. Please review the activities and answer keys and amend if necessary.



What's New

Direction: In COLUMN A are the different types of garments which comes from different sources. Match Column A with Column B which contains the sources of the different types of fabrics. Write only the letter of the correct answer in your notebook.

COLUMN A

_____ 1. cotton

_____ 2. linen

_____ 3. silk

_____ 4. wool

_____ 5. rubber

COLUMN B

a. silk worm

b. flax plants

c. sheep's fur

d. plastics

e. rubber plant

f. cotton plant



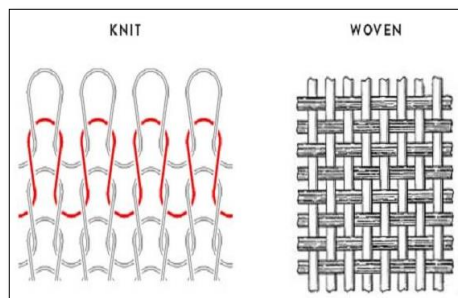
What is It

Types of Fabrics

Woven fabric does not stretch except on the bias. Woven fabric is made up of fibers which run straight at ninety degree angles to each other.

Knit fabric has loops of fiber that allow the fabric to stretch. The amount and the direction of stretches are all variables. A knit may stretch in one direction or it may stretch in both directions.

This is an important consideration when choosing fabric for a specific pattern. For example, a bathing suit pattern will require equal two way stretch. If you choose a fabric that only stretches in one direction, the suit is not going to fit properly and you cannot even put it on.







KINDS OF FABRICS, THEIR USES, CHARACTERISTICS AND CARE

NATURAL FIBERS	USES (HOME AND APPAREL)	CHARACTERISTICS	CARE
Vegetable Fibers			
A. Cotton Comes from cotton plant. 	Good for items that need to be washed often like sheets and pillows, school clothes, and work clothes. 	The world's most popular fabric. It is cool to wear and easy to wash and sew. It is versatile, durable and comfortable. Inexpensive but shrinks and wrinkles easily.	Special for durable press. Maybe machine laundered. Avoid risk of mildew.


Kinds of Cotton Fabric

KINDS	USES	CHARACTERISTICS
Canvas 	Used for crafts, home decorating (curtains cushions and outdoor gear)	Tightly woven heavy-duty cotton
Cotton Batiste 	For elegant garments (blouses, baby dresses, and underlining)	A finely woven lightweight cotton Use straight stitch/jeans presser foot and 60/8 or 70/10 machine needle
Broadcloth 	Perfect for shirts.	Fantastic, closely woven cotton that has slight rib
Cotton Chintz 	Home decorations (curtains and cushion)	Needs special fabric treatment that leaves it shiny and smooth.



<p>Cotton pique</p> 	<p>The most common fabric used in the tie and waistcoat of white tie.</p>	<p>Medium weight cotton fabric that has raised nubby surface</p>
<p>Cotton shirting</p> 	<p>Pajamas and boxers.</p>	<p>Lightweight 100 percent cotton that makes fantastic menswear shirts.</p>
<p>Cotton Voile</p> 	<p>Mostly used in soft furnishing such as curtains, mosquito nets, and also dressmaking</p>	<p>Crisp lightweight cotton used for garments</p>
<p>Denim</p> 	<p>Great for clothes, and jackets.</p>	<p>One of the most heavy-duty cottons</p>



Seer sucker 	Used to make clothing for spring and summer wear	This falls into the category of cotton crinkles which have surface texture.
Terrycloth 	Used for robes, towels, beachwear and home decorating	Thick, absorbent cotton

NATURAL FIBERS	USES (HOME AND APPAREL)	CHARACTERISTICS	CARE
B. Linen Comes from flax plant. 	Women's and children's dresses and blouses Summer dress Table linens and other household fabrics 	Very strong, cool to wear, and usually more expensive than cotton. Easily wrinkled unless a special finish is applied. Known as the oldest fiber and used by the Egyptians thousand of years ago. It comes from the stem of a very pretty plant called flax.	Iron at high temperature. Avoid pressing in sharp creases. Avoid risk of mildew


Animal Fiber			
A. Silk Collected from cocoon of silk worm. 	For high-end clothing and accessories. Some expensive upholstery and drapery fabrics	Strong and luxurious fabric with natural luster; moderately resilient and resists wrinkling More expensive than manmade (filament) silky yarns.	Dry cleaning is preferred. Maybe hand washed in mild suds. Avoid over exposure to light. Can be attacked by insects.

Kinds of Silk




KINDS	USES	CHARACTERISTICS
China silk 	Used almost exclusively for lining	A very lightweight silk
Brocade 	Luxurious fabrics made into clothing or wall hangings,	Textured silk with some stiffness
Chiffon 	Can be used in all sorts of garments	Lightweight, very drapery silk .This is the fabric that goes with the flow.





<p>Charmeuse</p> 	<p>Works well as a 1940s redux dressing gown, dresses and blouses</p>	<p>A slinky, satiny, supple silk</p>
<p>Crepe de Chine</p> 	<p>For making a full range of garments</p>	<p>A light to medium weight silk and comes in two-ply, three- ply, and four- ply (the heaviest) weights</p>
<p>Dupioni</p> 	<p>For making Capri pants or a fancy room divider</p>	<p>A stiffer and crisper silk that has telltale slubs and raised yarn on the fabric; easy-to-sew silk that adds a lot of fashion flair</p>
<p>Georgette</p> 	<p>Used for blouses, dresses, evening gowns, and trimmings</p>	<p>Lightweight silk and barely visible</p>


<p>Raw silk</p> 	<p>It is used to create apparel as well as integral accessories.</p>	<p>Silk with a dull finish made from short silk filaments discarded as waste but easy to sew and has a distinctive look</p>
<p>Washed silk</p> 	<p>A great travel fabric</p>	<p>The washing process makes this silk creamy and soft.</p>
<p>Shantung</p> 	<p>For special occasion uses.</p>	<p>Especially crisp and shiny silk</p>
<p>Taffeta</p> 	<p>For special occasion clothing.</p>	<p>A crisp silk wrinkles, and swishes upon movement</p>




NATURAL FIBERS	USES (HOME AND APPAREL)	CHARACTERISTICS	CARE
B. Wool Collected from the fleeces of sheep 	blankets and upholstery	Springs back into Shape. Requires little pressing; with great versatility in fabric and with insulating capacity	Will shrink and felt in presence of moisture and heat and can be attacked by insects.




Kinds of Wool

KINDS	USES	CHARACTERISTICS
Boiled 	For blankets and jackets	Made in similar fashion as felt, but much richer and more supple. There's no need to finish the seam edges.
Boucle 	Perfect for soft shaping in coats and jackets	Has a distinctive sweater-like nubby surface created with little loops
Challis 	Perfect for all types of garments	Medium to lightweight, it is hand washable and doesn't wrinkle much.

<p>Crepe</p> 	<p>For scarves, shawls, and bonnet trimmings</p> <p>Perfect for making shirts</p>	<p>Can be composed of wool, silk, cotton, or synthetic. It varies in quality and it is expensive. It is a beautiful fabric that drapes well and is extremely wearable.</p>
<p>Gabardine</p> 	<p>Works well on tailored and constructed garments</p>	<p>A twill-weave fabric, hand washable and do not wrinkle</p>
<p>Melton</p> 	<p>Used for coats</p>	<p>Thick and bulky wool with a soft</p>
<p>Merino</p> 	<p>Widely used in the textile industries</p>	<p>A very fine, expensive, closely-woven wool made from Merino sheep's coats.</p>

Worsted 	Used for tailoring jackets, skirts and pants	Lustrous wool in a variety of weights
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Synthetic or Manmade Fibers	USES (HOME AND APPAREL)	CHARACTERISTICS	CARE
a. Rayon 	<p>Light and medium – weight clothing</p> <p>Drapery and Upholstery fabrics</p> <p>Blankets, throw rugs and table coverings</p>	<p>Soft, cheap and comfortable fabric absorbent; lacks resilience; wrinkles easily.</p> <p>Not easy to sew as plain cottons.</p>	<p>Hand washing to dry cleaning. Tends to shrink and stretch unless proper chemical finish is applied.</p>
b. Polyester 	<p>Wash and wear clothing- often in combination with other fibers, especially cotton</p> <p>Curtains, carpets, fiberfill, raincoats and hats. It is ideal for constructing strong outerwear for damp climates.</p>	<p>Strong and durable synthetic fabric; dries quickly, with sharp pleat and crease retention.</p>	<p>Can be washable or dry clean. Remove oily stains before washing. Needs little ironing or pressing. Use steam iron at warm setting.</p>
c. Nylon 	<p>Women's stockings were the first commercial use of nylon. Also used for clothing, upholstery and carpet, rope, tents and fishing line.</p>	<p>It was first developed as a substitute for imported silk. With exceptional strength, excellent elasticity; retains shape. Woven fabrics feel uncomfortable in contact with skin.</p>	<p>Remove oily stains before washing. Washes easily; wash with care to maintain whiteness. Press at low temperatures</p> <p>Dry clean only.</p>

d. Rubber 	Foundation, garments, Swimwear	Stretch and recovery rate is high Damaged by oils and light With discoloration	Frequent washing in mild suds; Avoid constant overstretch at high temperature
e. Spandex 	Foundation garments; Swimwear Surgical hose, Ski pants and other Sportswear	Stretch and recovery rate is high Resists abrasion and body oils With discoloration	May be machine laundered with warm water Dry on lowest heat, shortest cycle.
f. Acrylic 	Tailored outerwear; knitted wear, pile fabrics, blankets and carpets	Resists wrinkling High bulking power Wool-like texture Very resistant to effects of sunlight	Remove oily stains before washing. Washable or dry cleanable. Medium iron temperature.

There are different types of fabric and each type has its own characteristics and uses. Fabric should be properly chosen when making a project to ensure efficiency and to be able to come up with a good quality product.



What I Have Learned

Direction: Write a reflection of your learning journey in this module by completing the guide phrases below. Write your answer on your notebook.

I have learned that

I have realized that

I will apply



What I Can Do

Direction: Make an album and collect swatches of fabric (3x4 inches) and classify their type. Compile them paste it on a bond paper.

Rubrics in making album of fabrics

Item	15 POINTS	10 POINTS	5 POINTS
Measurement	Correct measurement of fabric	One incorrect measurement.	Two incorrect measurement
Fabric Classification	Complete and correct name of fabric.	Lacking one and the label is not correct	Lacking two and the label is not correct
Appearance	Neatness		
Speed			
TOTAL POINTS: _____			



Assessment

MATCHING TYPE

Direction: Match column A (Descriptions) with column B (Fabric). Choose the letter that best describes the statement. Write the answer in your quiz notebook.

COLUMN A

- _____ 1. It is made out of flax plants that give more stiffness and fewer drapes.
- _____ 2. It is made from the silkworm's cocoon.
- _____ 3. A fabric made from cellulose-based cotton plants
- _____ 4. A specially crisp and shiny silk for special occasions
- _____ 5. Perfect for soft shaping in coats and jackets
- _____ Tightly woven heavy-duty cotton used for crafts and home decorations
- _____ 7. A heavy duty cotton great for working clothes, jeans and jackets.
- _____ 8. A textured silk with some stiffness.
- _____ 9. It is made from the coat of sheep, and is perfect for tailoring.
- _____ 10. A twill weave fabric that works well on tailored and constructed garments

COLUMN B

- a. denim
- b. Shantung
- c. Canvas
- d. Linen
- e. Cotton
- f. Georgette
- g. Wool
- h. China Silk
- i. Gabardine
- j. Boucle
- k. Brocade



Answer Key

What I Know	
1.b	9.b
2.a	10.d
3.b	11.a
4.d	12.c
5.b	13.c
6.a	14.a
7.c	15.d
8.c	
What's New	
1. F	
2. B	
3. A	
4. C	
5. E	

WHAT I CAN DO	
(It will be graded using the rubric.)	
ASSESSMENT	
1. d	
2. h	
3. e	
4. b	
5. j	
6. c	
7. a	
8. k	
9. g	
10. i	

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