**Marymount High School**

**Subject: Textiles Clothing and Fashion**

**Lesson #2**

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| **C.Blidgen <homeeconomics.cblidgen@gmail.com>** |

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**Scheduled Zoom meeting.

Topics:**

 **1. Reviewing Syllabus continues…**

**2. Section one (1); Fibres, yarns and fabric**

**Time: Sep 17, 2020 09:00 AM Mexico City

Join Zoom Meeting**[**https://us04web.zoom.us/j/4064735881?pwd=d1p4QUtqck9nUXhhNVpLYk5YcGQ4Zz09**](https://us04web.zoom.us/j/4064735881?pwd=d1p4QUtqck9nUXhhNVpLYk5YcGQ4Zz09) **Meeting ID: 406 473 5881
Passcode: 785471**

**Lesson #2.**

**MARYMOUNT HIGH SCHOOL**

**VIRTUAL LESSON**

**Teacher:** C. Blidgen **Class:** 10 G1, G2, A

**Subject:** Textile, Clothing and Fashion **Unit/Module:** Fibres Yarns and Fabric

**Topic:**  Textiles terms and classifications  **Sub-topic:** Natural and Man-made fibres

**Date:** September 17, 2020  **Week #:** One (1), class 2.

WELCOME TO TODAY’S VIRTUAL LEARNING EXPERIENCE!

**Instructions to students:** Read carefully the information below and complete the activities given. Remember to submit all completed work.

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| **Lesson Objectives**  | Students should be able to:1. Define terms and concepts associated with fibres and fabrics, namely:

Fibres, Yarn, Fabric, Textile, Staple Fibres, Filament Fibres, Natural Fibres, Regenerated Fibres, Synthetic Fibres1. Classify fibres.
2. Identify the sources from which fibres originates.
 |
| **Resources** | In today’s lesson, you will need to access: Lesson notes/handout [ ] , Prescribed Text book [ ] , Suitable technological devices, thread, fabric |
| **Lesson Notes** | **Content Outlines:** **Definitions Of Terms****Fibres:** are thin hair-like structures that are spun or twisted together to make a strand called a yarn.**Yarn:** fibres which are arranged parallel to each other and then twisted together to form a single, long  strand or thread. **Fabric:** a cloth made by weaving, knitting, or felting of yarns**.** **Staple Fibres:** fibres that are made from short fibres, which are generally natural fibres. **Filament Fibres**: fibres that are made from long, continuous fibers. Silk as well as man-made fibres are filament Fibres. **Natural Fibres:** are those that come from a plant, animal or mineral source. **Synthetic Fibres:** are those that are manufactured with the use of chemical substances.**Regenerated Fibres:** are made from a combination of natural and chemical substances.**Classification Of Fibres**Fibres are classified according to the sources from which they come. All fibres are classified into **two** main groups, namely:* Natural fibres
* Man-made fibres

**Classification Diagram**All fibres Natural Man-Made Plant Animal Mineral Synthetic RegeneratedPolyester RayonCotton Linen Asbestos   Silk Wool**Sources Of Fibres**Fibres originate from different **natural** and **artificial** sources. These include:* Pants, such as the **cotton** and **flax** plant;
* Animals, such as the **silk worm**, **sheep** and **goat**;
* Minerals, such as asbestos from rocks;
* Manufactured or man-made chemical substances.

 Natural Fibres**Fibres from plant sources** are also called **vegetable** fibres or **cellulosic** fibres, because they are composed of a woody, vegetable substance called **cellulose**. Plant fibres include **cotton fibres**, from the **cotton plant**; **flax fibres**, from the **stem** of the **flax plant**; **hemp**, from the **stem** of the **hemp plant**; and **sisal**, from the **leaf** of the **agave plant**. **Flax fibres are used to produce a fabric called linen.****Fibres from animal sources** are also called **protein fibres**. These include **silk**, from the **cocoon** of the **silk worm**; **wool**, from the **sheep**; **hair fibres**, such as **mohair** from the **angora goat** and **cashmere** from the **cashmere goat**. **The best quality wool comes from the merino sheep.****Mineral fibres** include asbestos, which comes from **asbestos rocks** found mainly in South America, Canada and Italy. Asbestos is a natural mineral fibre, but it is no longer recommended for use in the manufacture of textiles because it is considered poisonous/cancerous |
| **Assessment** | Students will be shown different samples of items virtually to identify the source from which each was made. **It should be revealed that though they all may differ in appearance they are all made from fibres.** Not all will be able to identify the fabric, however they will also be asked to cut from old unwanted items at home samples to discuss.  |
| **Enrichment** | Students will be instructed to continue working on the fabric compilation project that was started from last school term. For the new students, they will however, start the project.**Project:**Make a compilation of 20 pieces of fabric, place them under their correct classification and say their direct sources.Example: Silk Fabric > **Classification**: Natural fibre> **Type:** Animal> **sources:** Silk worm What is Silk Fabric: Properties, How its Made and Where | Sewport **Criteria:**Content: 40Creativity: 5Project handed in on or before due date: 5**NOTE: Students will be given only 5 days grace period, work submitted more than 6 days after deadline without a reasonable explanation(s) will NOT be accepted.** **DUE DATE:** October 7, 2020  |
| **Submission Instruction** | Students should communicate with teacher via Class whatsapp group: Textiles Clothing and Fashion - 2020-2021 <https://chat.whatsapp.com/C8TyDmTMSCn6gqHi2aqV0H> All Grade 10 Clothing assignments should be submitted to: Email: homeeconomics.cblidgen@gmail.com  |
| **Student’s Comments****(OPTIONAL)** | Students indicate: challenges experienced in completing lesson; make recommendations for improvements; request additional materials/ information |
| **Quote of the day** | An economist is an expert who will know tomorrow why the things he predicted yesterday didn't happen today.[**Laurence J. Peter**](https://www.azquotes.com/author/11567-Laurence_J_Peter) Be proud, be bold be strong home economist!!!!!! Clothing student’s rock!!!!!!!!!!! |