**Marymount High School**

**Subject: Textiles Clothing and Fashion**

**Lesson #2**

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| |  | | --- | | **C.Blidgen <homeeconomics.cblidgen@gmail.com>** | | **3:55 PM (1 minute ago)** |  | **https://mail.google.com/mail/u/1/images/cleardot.gif**  **https://mail.google.com/mail/u/1/images/cleardot.gif** |
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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.

[http://kingofwallpapers.com/book/book-005.jpg](#_Lesson_Objectives)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 Fibres   1. 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 Regenerated    Polyester Rayon  Cotton 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: 40  Creativity: 5  Project 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](mailto: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!!!!!!!!!!! |