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| Year 7  DT: Textiles | **Topic: Introduction to Textiles**  **Period:** Autumn 1 |
| **Overview of topic:**  Students will be introduced to the Textiles studio and the health and safety rules that come with subject specific equipment. They will learn to independently thread up the sewing machine, accurately measure and cut fabric, insert a zip on the sewing machine and then construct a pencil case.  Alongside practical work students will extend their knowledge of the origins of different fabrics and their properties. | |
| **Key** **knowledge:**  Health and Safety in the Textiles Studio  Parts of the Sewing Machine  Subject Specific Equipment  Fibre and Fabric Origins  **Key vocabulary:**   |  |  | | --- | --- | | **Tier 2** | **Tier 3** | | **Health and Safety**  **Sewing Machine**  **Natural**  **Synthetic**  **Semi-synthetic**  **Manmade** | **Sewing Machine: hand wheel, take up lever, thread guide, presser foot, presser foot lever, foot pedal, stitch selector**  **Fabric Scissors**  **Embroidery**  **Fibres**  **Fabrics**  **Cotton**  **Polyester**  **Zip**  **Top stitch**  **Pin**  **Needle** | | **Key skills:**  ***Know how to…***  Thread up a sewing machine, including threading the needle.  Measure and cut fabric accurately.  Pin fabric securely.  Insert a zip on the sewing machine.  Construct a pencil case on the sewing machine. |
| **Co-curricular opportunities: *(ASPIRE Day, Careers, clubs, competitions etc)***  Sewing Bee Club  Craft Council Competitions  Hobbies ASPIRE Day | **Key reading skills taught *(clarify, question, summarise, predict)* and key texts:**  Reading Warrior structure will be used when reading about fabrics and fibres.  **Wider Reading Opportunities/Links:** Up-to-date articles linked to the project will be shared as appropriate and students directed to the Textiles area of the library. |
| **How can I use this information at home?**   * Conversation starters with your children to discuss their learning * Support your child in carrying out independent research around the topic * Visit your local library (or BorrowBox), museums, or other locations to explore the topic * Promote books/other texts that explore this topic (see reading section) * Help your child to learn the key vocabulary | |