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| Year 7 | **Topic: Toy Aeroplane**  **Period:** Autumn 1 |
| **Overview of topic:**  A focused practical task that introduces students to the workshop and get to grips with some of the hand tools and machinery. Students will be taught about health and safety, PPE and the importance of taking your time to achieve a high-quality outcome. | |
| **Key** **knowledge:**  Students will learn the tools and machinery in the workshop as well as health & safety. Pupils will have the opportunity to explore different categories of wood and plastics as well as joining and fixing methods.  **Key vocabulary:**   |  |  | | --- | --- | | **Tier 2** | **Tier 3** | | **Apply**  **Develop**  **Evaluate**  **Complete** | **Manufacturing**  **Quality Control**  **Assembly** | | **Key skills:**  **Students will develop the following manufacturing skills;**  **Measuring & marking**  **Cutting & shaping**  **Drilling**  **Finishing & assembly** |
| **Co-curricular opportunities:** | **Key reading skills taught *(clarify, question, summarise, predict)* and key texts:**  Skimming and Scanning  Reading class instructions  **Wider Reading Opportunities/Links:**  Knowledge Organisers |
| **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 | |