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| 8 | **Half term points** | | | | | |
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| **AUTUMN 1** | **AUTUMN 2** | **SPRING 1** | **SPRING 2** | **SUMMER 1** | **SUMMER 2** |
| **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.**  Mini assessment title.  Passive Speaker and iterative design  Food Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.**  Mini assessment title.  Passive Speaker and iterative design  Food Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.**  Mini assessment title.  Passive Speaker and iterative design  Food Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.**  Mini assessment title.  Passive Speaker and iterative design  Food Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.**  Mini assessment title.  Passive Speaker and iterative design  Food Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.**  Mini assessment title.  Passive Speaker and iterative design  Food Practical & theory |
| **Key skills and knowledge assessed:**   * Understanding key terms for DT theory; including, product analysis; the work of others, design process and iterative design; Design communication systems * Measuring and tool/equipment identification * Workshop hazards and H&S control measures * Marking out, cutting, shaping and removing material processes * Understanding material properties and their applications | **Key skills and knowledge assessed:**   * Understanding key terms for DT theory; including, product analysis; the work of others, design process and iterative design; Design communication systems * Measuring and tool/equipment identification * Workshop hazards and H&S control measures * Marking out, cutting, shaping and removing material processes * Understanding material properties and their applications | **Key skills and knowledge assessed:**   * Understanding key terms for DT theory; including, product analysis; the work of others, design process and iterative design; Design communication systems * Measuring and tool/equipment identification * Workshop hazards and H&S control measures * Marking out, cutting, shaping and removing material processes * Understanding material properties and their applications | **Key skills and knowledge assessed:**   * Understanding key terms for DT theory; including, product analysis; the work of others, design process and iterative design; Design communication systems * Measuring and tool/equipment identification * Workshop hazards and H&S control measures * Marking out, cutting, shaping and removing material processes * Understanding material properties and their applications * tool identification | **Key skills and knowledge assessed:**   * Understanding key terms for DT theory; including, product analysis; the work of others, design process and iterative design; Design communication systems * Measuring and tool/equipment identification * Workshop hazards and H&S control measures * Marking out, cutting, shaping and removing material processes * Understanding material properties and their applications | **Key skills and knowledge assessed:**   * Understanding key terms for DT theory; including, product analysis; the work of others, design process and iterative design; Design communication systems * Measuring and tool/equipment identification * Workshop hazards and H&S control measures * Marking out, cutting, shaping and removing material processes * Understanding material properties and their applications |
| **Meaningful homework:**   * DT theory: Understanding; what ergonomics and anthropometrics are and the impact they have on product design? * Passive Speaker: What are the 21 safety rules for the workshop | **Meaningful homework:**   * DT theory: What is the difference beween a design specification and a manufacturing specification * Passive speaker: Create a personalised moodboard that reflects personal interests and themes that will inspire surface decoration for passive speaker | **Meaningful homework:**   * DT theory: Using the acronym ACCESS FMM analyse one of three products * Passive speaker: Examine four different wood joints that could be used in a passive speaker. | **Meaningful homework:**   * DT theory: Recap, refresh and require four different drawing systems; demonstrate competence. * Passive speaker: Using a work log record all workshop activities * **‘What is a healthy diet?’** * Write a weekly diet diary. | **Meaningful homework:**  DT theory: Looking at the work of others; What was Raymond Loewy’s impact on the Streamlining Design movement and consumer products?   * Passive speaker: How has Iterative design been used in the “Passive Speaker project”. Extension challenege; how was iterative design demonstarted in James Dyson’s products? * **‘What is a healthy diet?’** * Write a detailed weekly diet for an athlete. | **Meaningful home:**   * DT theory: Look at the work of Phillippe Starck: Chose one product and explain the design theory behind it’s creation. * Passive speaker: Identify three alternative finishing processes that could be used on your passive speaker. Extension challenge; explain the disadvantages and advantages of all. * Write a menu for a new take away which only sells healthy food |