|  |
| --- |
|  |
| 8 | **Half term points** |
|  |
| **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 designFood Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.** Mini assessment title.Passive Speaker and iterative designFood Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.** Mini assessment title.Passive Speaker and iterative designFood Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.** Mini assessment title.Passive Speaker and iterative designFood Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.** Mini assessment title.Passive Speaker and iterative designFood Practical & theory | **Scheme of work Design principles theory, Passive Speaker and Food theory, hygiene and practical.** Mini assessment title.Passive Speaker and iterative designFood 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
 |