

## KS4 DT –Yr 11 Half term 2

What? When? Why?	Lesson one Learning intentions (what can a student do at the end of the lesson)	Lesson two Learning intentions (what can a student do at the end of the lesson)	Lesson Three Learning intentions (what can a student do at the end of the lesson)
Week One	Non Exam Assessment NEA Lesson Focus : * Defining a design problem and completing the relevant page in the design folder.	Non Exam Assessment NEA Lesson Focus : * defining a design brief and completing the relevant page in the design folder.	Non Exam Assessment NEA Lesson Focus : * defining a target market and completing the relevant page in the design folder.
Week Two	Non Exam Assessment NEA Lesson Focus : * defining a typical customer and completing the relevant page in the design folder.	Non Exam Assessment NEA Lesson Focus : * research into existing products and completing the relevant page in the folder.	Non Exam Assessment NEA Lesson Focus : * undertake a product analysis and complete the relevant page in the folder.
Week Three	Non Exam Assessment NEA Lesson Focus : * produce a thorough and focused specification sheet utilising the ACCESSFM help sheet.	Non Exam Assessment NEA Lesson Focus : * produce a varied range of initial ideas with reference to the specification and with appropriate annotations throughout.	Non Exam Assessment NEA Lesson Focus : * produce a varied range of initial ideas with reference to the specification and with appropriate annotations throughout.

Week Four	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* produce a varied range of initial ideas with reference to the specification and with appropriate annotations throughout.</li> </ul>	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* select a suitable idea for detailed development.</li> </ul>	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* use appropriate CAD systems such as Techsoft 2D Design to further develop the design and enhance the realistic presentation of the proposed solution.</li> </ul>
Week Five	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* evaluate the initial models using sustainability and environmental criteria.</li> </ul>	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* evaluate the initial models using the specification criteria</li> </ul>	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* evaluate the initial models by testing with a target market representative.</li> </ul>
Week Six	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* evaluate the initial models using ergonomic criteria and suggest improvements at this stage.</li> </ul>	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* undertake further materials testing and research of specific processes and techniques relevant to your design.</li> </ul>	<p>Non Exam Assessment NEA</p> <p>Lesson Focus :</p> <ul style="list-style-type: none"> <li>* begin initial prototype planning in a specified scale relevant to your design.</li> </ul>