

**KS4 DT –Yr 11**

**Half term 3**

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		<p><b>Non Exam Assessment</b></p> <ul style="list-style-type: none"> <li>Develop initial prototype planning into a finished form</li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Identify a finished prototype form in an appropriate material</li> </ul>
Week Two	<ul style="list-style-type: none"> <li><b>Exam Assessment revision</b></li> <li>Core technical principles Pupils should be able to describe and understand principles relating to <b>energy storage and generation.</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Finish initial sketches for an Orthographic drawing</li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Finish a scaled Orthographic drawing using Techsoft 2D and showing full dimensioning throughout</li> </ul>
Week Three	<ul style="list-style-type: none"> <li><b>Exam Assessment revision</b></li> <li>Core technical principles Pupils should be able to describe and understand principles relating to <b>developments in new technologies.</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Produce a finished cutting list itemising the sizes required of the various materials needed.</li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Work through the manufacturing schedule ensuring the relevant section is completed as described.</li> </ul>
Week Four	<ul style="list-style-type: none"> <li><b>Exam Assessment revision</b></li> <li>Core technical principles Pupils should be able to describe and understand principles relating to a</li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Work through the manufacturing schedule ensuring the relevant section is</li> </ul>	<ul style="list-style-type: none"> <li><b>Non Exam Assessment</b></li> <li>Work through the manufacturing schedule ensuring the relevant</li> </ul>

	<p><b>systems approach to designing.</b></p>	<p>completed as described.</p>	<p>section is completed as described.</p>
Week Five	<ul style="list-style-type: none"> <li>• <b>Exam Assessment revision</b></li> <li>• Core technical principles Pupils should be able to describe and understand principles relating to <b>mechanical devices</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Non Exam Assessment</b></li> <li>• Work through the manufacturing schedule ensuring the relevant section is completed as described.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Non Exam Assessment</b></li> <li>• Work through the manufacturing schedule ensuring the relevant section is completed as described.</li> </ul>
Week Six	<ul style="list-style-type: none"> <li>• <b>Exam Assessment revision</b></li> <li>• Core technical principles Pupils should be able to describe and understand principles relating to <b>materials and their working properties.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Non Exam Assessment</b></li> <li>• Ensure the practical work is finished</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Non Exam Assessment</b></li> <li>• Undertake an evaluation of the finished item using the original specification to measure against.</li> </ul>