



Year 7 DT:	Year 8 DT:	Year 9 DT:
<p><b>Module: Overall focus</b> An introduction to the workshop</p> <ul style="list-style-type: none"> <li>▪ Health &amp; Safety</li> <li>▪ Use of small hand tools</li> <li>▪ Use of machinery</li> <li>▪ Basic materials and their properties</li> <li>▪ Quality</li> <li>▪ Metal casting</li> </ul> <p>3 Focussed practical tasks using a range of materials, skills and equipment</p> <p><b>Intent behind the module:</b> Pupils have an introduction to the knowledge and understanding of RM including; timber, manufactured boards, plastics and metals. eating and nutrition, practical cooking skills, a knowledge Also introduces basic marking out and measuring skills and use of small hand tools.</p> <p><b>Assessment Focus:</b> Initial assessment to establish baseline information. Formative assessment point of pupil work against level descriptors</p> <p>Summative assessment point of pupil’s independent practical skill development (Photographic evidence) and written response.</p>	<p><b>Module: Overall focus</b> Developing designing skills</p> <ul style="list-style-type: none"> <li>▪ Research 20<sup>th</sup> century design movements</li> <li>▪ Analyse existing products</li> <li>▪ Develop design ideas</li> <li>▪ Model and evaluate ideas</li> <li>▪ Use basic materials and tools to create a design “in the style of”</li> </ul> <p>8 lessons using research and practical work to develop a high quality product.</p> <p><b>Intent behind the module:</b> Pupils are developing their knowledge of other designers and their work as well as starting to understand the process involved in designing products. They also have an opportunity to develop their creativity and problem solving skills as well as consolidating their practical skills further.</p> <p><b>Assessment Focus:</b> Formative assessment point of pupil work against level descriptors</p> <p>Summative assessment point of pupil’s independent practical skill development (Photographic evidence) and quality of practical outcome.</p>	<p><b>Module: Overall focus</b> Sustainability and Products</p> <ul style="list-style-type: none"> <li>▪ Big issues in sustainability</li> <li>▪ Rethink</li> <li>▪ Reuse</li> <li>▪ Recycle</li> <li>▪ Refuse</li> <li>▪ Repair</li> <li>▪ Reduce</li> </ul> <p>A series of 8 lessons focussing on sustainability and environmental issues within design.</p> <p><b>Intent behind the module:</b> This is an important topic both in terms of PSHE and also in relation to the new DT GCSE specification. Covering it in Y9 gives an opportunity to explore issues in depth and help pupils understand the issues and the role which designers having in solving bigger problems.</p> <p><b>Assessment Focus:</b> Use of questions from AQA GCSE DT exam. Formative assessment point of pupil work against level descriptors</p> <p>Summative assessment-end of unit test.</p> <p>This will link to module 2 where student will need to design and make a sustainable product building on what they have learnt in module 1.</p>