



Design & Technology – Y8 Learning Outcomes

Skill	Foundation	Developing	Securing	Exceeding	Excelling
Design	<p>Students can conduct and use research and exploration.</p> <p>Produce a range of basic sketches.</p> <p>Some basic specification points, sketches and annotation are produced.</p>	<p>Students can use research and identify user needs.</p> <p>A developed specification is produced.</p> <p>Students produce three dimensional drawings/modelling for ideas.</p>	<p>Students can use research and identify and understand user needs.</p> <p>A developed specification is produced responding to needs.</p> <p>Students produce creative ideas.</p>	<p>Students can use research and identify user needs.</p> <p>A detailed specification is produced, responding to ideas for consumers.</p> <p>Students have a range of approaches to design ideas.</p>	<p>Students use detailed research; solving and reformulating design problems.</p> <p>They have a variety of approaches for ideas.</p> <p>Developed specification is produced, responding to needs in a variety of situations.</p>
Make	<p>Students can use specialist tools and equipment precisely.</p>	<p>Students can use specialist tools, equipment and machinery.</p>	<p>Students can use specialist tools, equipment and machinery precisely, most of the time.</p>	<p>Students can use specialist tools, equipment and machinery precisely, all of the time.</p>	<p>Students can use specialist tools, equipment and machinery precisely including CAD/CAM.</p>
Evaluate	<p>Students can test and evaluates ideas using full sentences.</p>	<p>Students can test, evaluate and refine ideas.</p>	<p>Students can test, evaluate and refine ideas in full sentences.</p>	<p>Students can test, evaluate and refine ideas in clear paragraphs.</p>	<p>Students use detailed testing and evaluating; they refine ideas against specifications and take into account users needs.</p>
Technical Knowledge	<p>Students can understand and use the properties of materials and understand the performance on materials.</p>	<p>Students can understand properties of materials and the performance of structural elements.</p>	<p>Students can understand and use the properties of materials and are able to make independent choices.</p>	<p>Students can understand the properties of materials, the performance of structural elements and achieve functional solutions.</p>	<p>Students have a good understanding of more advanced systems in their products.</p>
Cooking	<p>Students understand nutrition and can cook savoury dishes using limited cooking techniques.</p>	<p>Students understand nutrition and cook savoury dishes.</p>	<p>Students understand the principles of nutrition and health and can cook a range of savoury dishes.</p>	<p>Students understand and apply the principles of nutrition and health. They cook a repertoire of predominantly savoury dishes and are competent in a range of cooking techniques.</p>	<p>Students have a good understanding of food, nutrition and health. They are competent in cooking a wide range of savoury dishes and can apply heat in different ways.</p>