

Curriculum Overview – Year 9 Design

Unit Title	Learning	How can parents best support?
<p>Resistant Material Storage</p>	<ul style="list-style-type: none"> • User centred design • Isometric drawing • Creating material textures • 2 Point perspective • Designers and designs • Practical skills • Modelling 	<p>Encourage your child to consider how different products have been made for different types of people</p> <p>Encourage your child to practise drawing skills such as shading and drawing in 3D</p>
<p>Product Design CAD Light</p>	<ul style="list-style-type: none"> • CAD • CAM • Electronics • Soldering (Health and Safety) • Packaging design • Practical skills 	<p>Encourage your child to research into electronics, how things work and what powers them.</p> <p>Encourage your child to watch explore different types of free CAD software available to them. E.G Google Sketchup</p>

<p>Graphics Phone case</p>	<ul style="list-style-type: none"> • User needs and user centred design • Design and making solutions • Research exploration • Different cultures • Select and use specialists techniques and processes • Costings of products • Polymers (<i>sources classification and properties</i>) • Making • Evaluate, getting views of intended users and testing. 	<p>Encourage your child to watch shows such as Blue Planet to gain a wider understanding on the environmental impact of the use of plastics.</p>
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