

Key Stage 3 D&T Curriculum Overview

Year Group	Lessons Per Week	Resistant Materials	Electronics & Control Systems	Food and Nutrition	Textiles
7	2	<p>Introduction to isometric drawing and rendering.</p> <p>Key House: Working with timber and polymers to design problems.</p> <p>Block Hero: Applying numeracy and use of hand tools to create a quality outcome.</p>	<p>Moisture Detector: Designing and making a device to detect moisture levels in household plants.</p> <p>Electronics, Laser Cutting and Google Sketch-up.</p>	<p>Hygiene, Health & Safety.</p> <p>Basic Equipment, Recipes and Weighing & Measuring.</p> <p>Eatwell Guide & Introduction to Nutrition.</p> <p>Practical Skills & Techniques including the Bridge Hold & Claw Grip.</p>	<p>Hand and Machine Sewing skills.</p> <p>Decorative Fabric techniques.</p> <p>Design & Make Task: Applique Textile Picture on the Theme of Nature.</p>
8	2	<p>'Contain it' Storage Solutions: Research, Joining methods.</p>	<p>Cycle Safety Project: Designing and making a device to make cyclists visible in poor lighting conditions.</p> <p>Manufacture, Marketing & Packaging.</p> <p>Programmable Integrated Circuits</p>	<p>Developing Skills & Knowledge in Health and Nutrition.</p> <p>Advertising, Packaging & Labelling.</p> <p>Practical Activities including Food Science Investigations.</p>	<p>Design & Make a Patch-worked Fabric.</p> <p>Investigating Smart and Modern Fabrics.</p> <p>Decorative Fabric Design using Transfer Printing.</p>