

Key Stage 3 D&T Curriculum Overview

Year Group	Lessons Per Week (Half Year)	Electronics & Control Systems	Graphics
7	1	<p>Moisture Tester: Design and make a device to detect moisture levels in household plants.</p> <ul style="list-style-type: none">• Electronics and circuit simulation• CAD/CAM• Working with polymers	<p>Marvel Project: Using perspective to develop drawing skills.</p>
8	1	<p>Cycle Safety Project: Design and make a device to make cyclists visible in poor lighting conditions.</p> <ul style="list-style-type: none">• Electronic systems and microcontrollers.• CAD/CAM• 3D Printing• Marketing & Packaging.	<p>'Shop Front' Project: Developing a range of graphical design techniques to link customer needs with a quality outcome.</p>