

Introduce:

Year 7 Design and Technology Curriculum Sequence

Intent: To build on prior knowledge from KS2:

Key Stage 2 Curriculum



<p>Why Our World? This gives students an opportunity to share their experiences and understanding of technology around them as a foundation on which to build future knowledge and understanding. It ties in with a blended approach to learning in year 7.</p>	<p>Why These modules? This module is an introduction to food technology and reflects current trends in learning about healthy eating and avoiding obesity in the population. It encourages students to reflect on the food they are eating in relation to nutrition and diet. The module allows students to apply their understanding and knowledge.</p>	<p>Why These modules? This module introduces an essential topic that transcends all of the technology curriculum today. It challenges students to think about all aspects of sustainability in relation to the 6 Rrs. It encourages students to think about their social responsibility and impact that technology can have on the environment.</p>	<p>Why These modules? This allows students to consider a technology approach to food production and introduces the topics of hygiene, safety and the use of basic ingredients. It places an emphasis on food miles and carbon footprints linked to a sustainable future.</p>	<p>Why These modules? This introduces the fundamental concepts of CAD/CAM production. It provides a commercial approach to teaching product design. It develops skills in product prototyping and meeting a design brief aimed at a specific target market. The project also includes product packaging and marketing. It allows for creativity and a personalised approach.</p> <p>Why These modules?</p>	
<p>National Curriculum Links Pupils will:</p>	<p>National Curriculum Links Pupils will:</p>	<p>National Curriculum Links Pupils will:</p>	<p>National Curriculum Links Pupils will:</p>	<p>National Curriculum Links Pupils will:</p>	<p>National Curriculum Links Pupils will:</p>
<p>Teaching Our World here supports:</p>	<p>Teaching cells, mixtures and reproduction supports:</p>	<p>Teaching 7F Acids & Alkalis, 7J Current electricity, 7C Muscles & Bones supports</p>	<p>Teaching Ecosystems and forces supports:</p>	<p>Teaching sound & light & atoms elements & compounds here supports:</p>	<p>Teaching food & nutrition and energy here supports:</p>
<p>Our School feeds from:</p>	<p>Cells, mixtures & reproduction feeds from:</p>	<p>: Particle model, Current electricity, Muscles & Bones feeds from:</p>	<p>Particle model, Forces feeds from</p>	<p>Ecosystems, Atoms, element & compounds feeds from:</p>	<p>Openings & Endings feeds from:</p>