

Design & Technology Curriculum Maps 2020-2021

Key Stage 3

Year	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
7	<p>Ghost</p> <p>Design Layout Typography</p> <p>Make 3D card modelling Nets Knife Skills</p> <p>Knowledge Nets Weighing/Measuring Packaging</p>	<p>Video Game</p> <p>Design 2-Point Perspective Isometric Drawing Sketching Detailed Drawing</p> <p>Make Paper modelling</p> <p>Knowledge The work of others Prototype development</p>	<p>Pop-up Card</p> <p>Design Concept Drawing/Sketching</p> <p>Make 3D card modelling</p> <p>Knowledge Ecological and social footprint Briefs & Specifications</p>	<p>Typography</p> <p>Design Sketching Annotation</p> <p>Make N/A</p> <p>Knowledge Computer-aided Manufacture Computer-aided Design</p>	<p>Personal Airline Theme</p> <p>Design Sketching</p> <p>Make 3D card modelling</p> <p>Knowledge Materials and their working properties Measuring Shapes Reading data</p>	<p>Healthy Eating Challenge</p> <p>Design Sketching Annotation</p> <p>Make Knife Skills Sauce Dough making</p> <p>Knowledge Food spoilage Weighing /Measuring Planning Diets Healthy eating</p>
8	<p>Cushion</p> <p>Design Sketching</p> <p>Make Heat Press Embellishment</p> <p>Knowledge Environmental, social and economic challenge Printing technics</p>	<p>Action Figure</p> <p>Design Sketching</p> <p>Make 2D card modelling Vacuum forming</p> <p>Knowledge Quality Control Shaping technics Packaging</p>	<p>Architecture</p> <p>Design Orthographic drawing Construction lines</p> <p>Make 3D card modelling</p> <p>Knowledge Forces and Stresses Selecting Materials Measuring Scale drawing</p>	<p>New Technologies</p> <p>Design Sketching Digital drawing</p> <p>Make N/A</p> <p>Knowledge New and emerging technologies Augmented reality Virtual reality</p>	<p>International Cuisines</p> <p>Design Sketching Annotation</p> <p>Make 3D card modelling</p> <p>Knowledge Selection ingredients Food choice Heath Nutritional needs</p>	<p>Burger Box</p> <p>Design Sketching Layout Typography</p> <p>Make 3D card modelling</p> <p>Knowledge Labelling Food spoilage Measuring</p>

9	App Design	Trainer Project	Chair Design	Music Festival	Pizza Challenge	Science Behind Food
	<p>Design Sketching</p> <p>Make N/A</p> <p>Knowledge Computer-aided Design Target Market Design Development</p>	<p>Design Rendering Shading tone</p> <p>Make 3D card modelling</p> <p>Knowledge Colour theory Packaging Product analysis</p>	<p>Design Sketching Assembly drawing Isometric Drawing</p> <p>Make 3D card modelling Laser cutting</p> <p>Knowledge Standard components Flat packs furniture Use of woods</p>	<p>Design Concept Drawing/Sketching</p> <p>Make N/A</p> <p>Knowledge Social Issues Product Sustainability</p>	<p>Design N/A</p> <p>Make Knife Skills Raining agents Sauce making Use of the cooker</p> <p>Knowledge Sources and origins Weighing/Measuring Nutrition Packaging</p>	<p>Design N/A</p> <p>Make Knife Skills Preparation fruit and vegetables Cooking methods</p> <p>Knowledge Food provenance Weighing/Measuring Micronutrients Macronutrients</p>