

KS3 Technology – Year 7

	Topics Covered	Assessment
YEAR 7 Food Project	<p><u>Introduction to Food Technology</u> In this 13-week rotation, we will do a mixture of theory, demonstrations and practical work. Theory work will be a mixture of both written and hands on work learning about different things from health and safety in kitchen through to healthy eating.</p> <p><u>Theory Lessons to be covered</u></p> <ol style="list-style-type: none"> 1) Safety in the Kitchen 2) Bad Food Live' 3) Equipment (2 lessons) 4) Weighing and Measuring (2 lessons) 5) 'The Eatwell Plate' and Healthy Eating (2 lessons) 6) Sensory Analysis (Descriptors) 7) Biscuit design (computers/Food Printer) 8) <p><u>Demonstrations and Practical's to be covered</u></p> <ol style="list-style-type: none"> 1) Fruit Salad 2) Pizza Toast 3) Vegetable Sauce 4) Fairy Cakes 5) Lemonade 6) Flapjacks 7) Biscuits <p>Each lesson will be 50 minutes each, unless stated that 2 are needed. Demonstrations are always done the lesson before the practical</p>	<p>2 assessed practical's: Vegetable Sauce and Flapjack's</p> <p>2 written pieces: Midway (informal) and end of rotation (Formal)</p>
YEAR 7 Resistant Materials Project	<p>Pupils will be involved in designing and making their very own wooden trophy. Pupils will encounter practical skills needed to make such a product. They will be introduced to safe methods of working, the use of PPE (Personal Protective Equipment) and specific safety procedures whilst using various machines. This will prove to be quite a practical project. Later in the project pupils will be introduced to CAD (Computer Aided Design) software where they will be able to show off their computer design skills. During this opportunity the pupils will learn about the historical significance of the tangram puzzle, how it would be designed and made and the rules required to play the puzzle.</p> <p>To make comparisons the pupils will have an opportunity to design and make a jigsaw puzzle by hand using tools which require traditional methods of use. These will then be compared to an identical jigsaw cut out on the CAM (Computer Aided Manufacture) equipment.</p>	<p>Assessment will be based on practical outcomes and 2 formal (written) assessments over the project</p>

<p>Year 7</p> <p>Tie Dye Pencil Case</p> <p>(Tie-dye& Machine/Hand Sewing Skills)</p> <p>6 Week Project</p>	<p>Design Brief: "To create a hand sewn pencil case using tie-dye – special textiles resist technique. It will need to be bright and colourful, have a stencil design but be strong enough to hold pencils. You must fasten your pencil case with a Zip fastener."</p> <p>Overview of Unit: In this unit, pupils will learn to respond to a 'design scenario' by creating a tie-dye pencil case that meets the client's needs. They will look at the history of tie-dye and complete a homework project that links directly with their learning. Pupils will creatively explore the use of resist techniques, apply a fastener and add stencils to their pencil cases, embellishing their work with decorative hand sewing and sequins.</p> <p>Homework: Product Analysis – ACCESS FM</p>	<p>Formative Assessment:</p> <p>Half way into practical, pupils are given tutorials to discuss their progress and outline key areas for development. Written and verbal feedback offered.</p> <p>Summative Assessment:</p> <p>Levels given for Booklet, Exam Styled Assessment and Practical work.</p>
<p>Year 7</p> <p>Graphics Design</p> <p>(Drawing methods)</p> <p>6 Week Project</p>	<p>Design Brief: "To create a series of 1 point perspective drawings using line and tone. Shapes will need to be colourful, 3D and drawn using Graphic techniques."</p> <p>Overview of Unit: In this unit, pupils will learn to draw effectively using line, shape, tone and texture. Using these skills, pupils will develop an understanding of 1-point perspective and will be able to work through a series of shapes demonstrating these learnt techniques.</p> <p>Homework: Research Skills – Drawing (2D,3D isometric, oblique & exploded)</p>	<p>Formative Assessment:</p> <p>Half way into practical, pupils are given tutorials to discuss their progress and outline key areas for development. Written and verbal feedback offered.</p> <p>Summative Assessment:</p> <p>Levels given for Booklet, Exam Styled Assessment and Practical work.</p>

Progress Tracking Assessment dates

PT1: 25th January- 12th February 2017

PT2: 6th – 17th June 2017