

	<p>Food preparation and nutrition: Developing practical skills Knowledge: world foods</p> <p>Graphics 1 Pencil topper Knowledge: smart materials and composites, papers and boards</p> <p>Graphic 2: Pop up cards Knowledge: mechanisms and papers/boards selecting the right materials.</p>	<p>Food preparation and nutrition: Developing practical skills Knowledge: world foods</p> <p>Graphics 1 Pencil topper Knowledge: smart materials and composites, papers and boards</p> <p>Graphic 2: Pop up cards Knowledge: mechanisms and papers/boards selecting the right materials.</p>	<p>Food preparation and nutrition: Developing practical skills Knowledge: world foods</p> <p>Graphics 1 Pencil topper Knowledge: smart materials and composites, papers and boards</p> <p>Graphic 2: Pop up cards Knowledge: mechanisms and papers/boards selecting the right materials.</p>	<p>Food preparation and nutrition: Developing practical skills Knowledge: world foods</p> <p>Graphics 1 Pencil topper Knowledge: smart materials and composites, papers and boards</p> <p>Graphic 2: Pop up cards Knowledge: mechanisms and papers/boards selecting the right materials.</p>	<p>Food preparation and nutrition: Developing practical skills Knowledge: world foods</p> <p>Graphics 1 Pencil topper Knowledge: smart materials and composites, papers and boards</p> <p>Graphic 2: Pop up cards Knowledge: mechanisms and papers/boards selecting the right materials.</p>	<p>Food preparation and nutrition: Developing practical skills Knowledge: world foods</p> <p>Graphics 1 Pencil topper Knowledge: smart materials and composites, papers and boards</p> <p>Graphic 2: Pop up cards Knowledge: mechanisms and papers/boards selecting the right materials.</p>
Year 9	<p>Resistant materials: Mp3 speaker and head phone wrap. Knowledge: Electronics, polymers, timbers, new and emerging technologies. 2D design and laser cutting.</p> <p>Textiles: Cushion art based textiles. Knowledge: screen printing, sublimation and embroidery.</p> <p>Food preparation and nutrition: Developing practical skills. Knowledge: pastry and bread based products.</p> <p>Graphics: Popcorn packaging, Photoshop Knowledge: typography, papers and boards, food packaging.</p>	<p>Resistant materials: Mp3 speaker and head phone wrap. Knowledge: Electronics, polymers, timbers, new and emerging technologies. 2D design and laser cutting.</p> <p>Textiles: Cushion art based textiles. Knowledge: screen printing, sublimation and embroidery.</p> <p>Food preparation and nutrition: Developing practical skills. Knowledge: pastry and bread based products.</p> <p>Graphics: Popcorn packaging, Photoshop Knowledge: typography, papers and boards, food packaging.</p>	<p>Resistant materials: Mp3 speaker and head phone wrap. Knowledge: Electronics, polymers, timbers, new and emerging technologies. 2D design and laser cutting.</p> <p>Textiles: Cushion art based textiles. Knowledge: screen printing, sublimation and embroidery.</p> <p>Food preparation and nutrition: Developing practical skills. Knowledge: pastry and bread based products.</p> <p>Graphics: Popcorn packaging, Photoshop Knowledge: typography, papers and boards, food packaging.</p>	<p>Resistant materials: Mp3 speaker and head phone wrap. Knowledge: Electronics, polymers, timbers, new and emerging technologies. 2D design and laser cutting.</p> <p>Textiles: Cushion art based textiles. Knowledge: screen printing, sublimation and embroidery.</p> <p>Food preparation and nutrition: Developing practical skills. Knowledge: pastry and bread based products.</p> <p>Graphics: Popcorn packaging, Photoshop Knowledge: typography, papers and boards, food packaging.</p>	<p>Resistant materials: Mp3 speaker and head phone wrap. Knowledge: Electronics, polymers, timbers, new and emerging technologies. 2D design and laser cutting.</p> <p>Textiles: Cushion art based textiles. Knowledge: screen printing, sublimation and embroidery.</p> <p>Food preparation and nutrition: Developing practical skills. Knowledge: pastry and bread based products.</p> <p>Graphics: Popcorn packaging, Photoshop Knowledge: typography, papers and boards, food packaging.</p>	<p>Pupils choose their specialist DT/Art area and focus their studies in Resistant materials, Graphics, Food or Textiles.</p> <p>Knowledge: In their chosen area they develop their specialist knowledge to take forward to GCSE.</p>



<p>Year 10</p>	<p>Kids Chair project Research, Design and make a children's chair out of timber using a variety of processes. Knowledge covered is core timbers and impact on emerging technologies and sustainable issues. Specialist timbers scales of production. Maths questions</p>	<p>Kids Chair project make and plan children's chair variety of processes including CAD/CAM Knowledge covered specialist timbers, sources and origins selection of timbers and specialist techniques. Core: Technology in our world, how energy is generated. Maths questions</p>	<p>Lighting project Design, make and evaluate and light using laser cutting, 3D printing and wood turning and routing. Knowledge covered is core electronics, polymers. Specialist timbers covered is forces and stresses. Maths questions</p>	<p>Crazy creature keyring and packaging. Research, develop and make using smart materials and papers and boards. Metal G clamp, using working drawings make a clamp using metal fabricating skills. Knowledge covered is core metals and technical textiles. Papers and boards. Specialist timbers covered is forces and stresses. Maths questions</p>	<p>Clock project, research, design, make, and evaluate a clock inspired by design eras. Using flexible timber processes and computer aided manufacture create a unique clock design. Knowledge covered is core mechanical devices. Specialist forming and deforming of timbers. Maths questions</p>	<p>Non examined assessment (NEA) set by exam board to research develop, make and evaluate a chosen theme. Investigate and research theme. Produce a design brief and specification Knowledge covered: recap on theory covered and do lots of mini test. Maths questions.</p>
<p>Year 11</p>	<p>Non examined assessment (NEA) Design and develop Knowledge covered: recap on theory covered and do lots of mini test. Maths questions.</p>	<p>Non examined assessment (NEA) Develop, plan and make product Knowledge covered: recap on theory covered and do lots of mini test. Maths questions.</p>	<p>Non examined assessment (NEA) Make product Knowledge covered: recap on theory covered and mock exam. Maths questions.</p>	<p>Non examined assessment (NEA) Make product and test/evaluate Knowledge covered: recap on mock and do lots of mini test. Maths questions.</p>	<p>Knowledge covered: recap on mock and do lots of mini test. Maths questions.</p>	