

Term	Food - First half of rotation
Topics Covered	Basic food safety – Using a knife; using the cooker. Healthy Eating – The Eatwell guide and function of key nutrients. <b>Practical work:</b> Fruit salad, pizza toast, scones.
Expectations Challenge and Support	<u>Expectations-</u> All students will complete a booklet of work that evidences their design and creative process. This is tailored to their ability level. Practical work allows for recipe engineering and development.
Assessment opportunities	Students will be assessed on skills and knowledge demonstrated in practical and book work.
Homework	There will be three homework tasks set during this project in preparation for practical work.
Vocabulary	<b>Specific tool names:</b> The cooker – hob, grill, oven; cutting boards, knives, measuring jug, digital weighing scales. <b>Specific material names:</b> All ingredients used in the practical work. <b>Specific process names:</b> The claw and bridge holds; enzymic browning, grating, grilling, toasting, rubbing-in, binding, glaze.

Term	Food - Second half of rotation
Topics Covered	Basic food safety – Food hygiene: The 4 C's Healthy Eating – meal planning. <b>Practical work:</b> pasta sauce, fruit muffins, chicken fajitas.
Expectations Challenge and Support	<u>Expectations-</u> All students will complete a booklet of work that evidences their design and creative process. This is tailored to their ability level. Practical work allows for recipe engineering and development.
Assessment opportunities	Students will be assessed on skills and knowledge demonstrated in practical and book work.
Homework	There will be three homework tasks set during this project in preparation for practical work.
Vocabulary	<b>Specific tool names:</b> The cooker – hob, grill, oven; cutting boards, knives, measuring jug, digital weighing scales. <b>Specific material names:</b> All ingredients used in the practical work. <b>Specific process names:</b> Frying, caramelisation, batter, cross-contamination.

Term	Textiles - First half of rotation
Topics Covered	<p>Fleece hats:</p> <ul style="list-style-type: none"> <li>• Understanding the structure and shaping of a hat when developing drawn design ideas.</li> <li>• Accurate measurement of head to create individual templates</li> <li>• Understanding differences between knitted and woven fabrics</li> <li>• Marking out fabric and cutting with shears correctly</li> <li>• Learning how to thread up and use a sewing machine</li> <li>• Evaluating of techniques, materials and finished product</li> </ul>
Expectations Challenge and Support	<p><u>Expectations</u>- All students will complete a booklet of work that evidences their material knowledge, design and production processes. This is tailored to their ability level. They will design and produce a hat using a sewing machine and surface decoration.</p>
Assessment opportunities	<p>Students will be assessed on their ability to plan the production of a product that meets the design brief. They will also be assessed on their textiles making skills in the production of the hat.</p>
Homework	<p>There will be three homework tasks set during this project.</p> <ol style="list-style-type: none"> <li>1. Research fibre contents of some products.</li> <li>2. Research examples of hat designs on sale.</li> <li>3. Read page 165 in the B.O.K – Fibre properties</li> </ol>
Vocabulary	<p>Specific tool names:</p> <ul style="list-style-type: none"> <li>- Shears</li> <li>- Sewing machine : Take-up lever, Tension plate, Presser foot, Bobbin</li> </ul> <p>Specific material names:</p> <ul style="list-style-type: none"> <li>- Knitted, Woven, and Non-woven fabric</li> <li>- Fleece fabric</li> <li>- thread</li> </ul> <p>Specific process names:</p> <ul style="list-style-type: none"> <li>- Pattern</li> <li>- Sewing, Seam allowance, Hemming</li> <li>- Finishing</li> <li>- Shaping</li> </ul>

Term	Textiles - Second half of rotation
Topics Covered	<p>Decorated Pencil Case</p> <ul style="list-style-type: none"> <li>• Designing ideas</li> <li>• Accurate measurement of fabric</li> <li>• Applique decoration used to apply surface decoration</li> <li>• Safe use of the sewing machine</li> <li>• Sewing a zip fastener</li> </ul>
Expectations Challenge and Support	<p><u>Expectations</u>- All students will complete a booklet of work that evidences their design and creative process. This is tailored to their ability level. They will design and produce a pencil case using a sewing machine to input a zip and applique decoration.</p>
Assessment opportunities	<p>Students will be assessed on their development of making skills within this project.</p>
Homework	<p>There will be two homework tasks set during this project.</p> <ol style="list-style-type: none"> <li>1. Research ideas to support the development of creative pencil case designs.</li> <li>2. Complete “What are textiles fabrics?” page in the workbook.</li> </ol>
Vocabulary	<p>Specific tool names: As previous half term of rotation.</p>

	<ul style="list-style-type: none"><li>- Zip presser foot</li></ul> <p>Specific material names:</p> <ul style="list-style-type: none"><li>- Fibres: Cotton, Wool, silk, linen, viscose, polyester, acrylic, nylon, lycra.</li><li>- Polyester fleece</li></ul> <p>Specific process names:</p> <ul style="list-style-type: none"><li>- Applique</li></ul>
--	---

Term	Timber - First Half of Rotation	
Topics Covered	Megabug Project: <ul style="list-style-type: none"> <li>- Understanding and interpreting a design challenge</li> <li>- Drawing design ideas in 3D</li> <li>- Annotating design ideas</li> <li>- Basic metal working skills</li> <li>- Evaluation</li> </ul>	
Expectations Challenge and Support	All students will complete a booklet of work that evidences their design and creative process. This is tailored to their ability level. They will also produce a practical piece using basic metal working skills and a paint finish.	
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical skills and processes. <p>They will also have two summative assessments, one at the end of the design section and the other at the end of the making section. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.</p>	
Homework	Students are no longer set homework at KS3.	
Vocabulary	Justification Measurable Criteria Context Specification Shading Isometric Rendering Annotation Review Justify Material Names Tool Names	Finish Names Process Names Tolerance Quality control Manufacturing Safety Quality Accuracy Evaluation Review Justification Explanation

Term	Timber - Second Half of Rotation	
Topics Covered	Salt and Pepper Project: <ul style="list-style-type: none"> <li>- Drawing ideas in 3D</li> <li>- Annotating design ideas</li> <li>- Basic woodworking skills</li> </ul>	
Expectations Challenge and Support	All students will complete a booklet of work that evidences their design and creative process. This is tailored to their ability level. They will also produce a practical piece using basic wood working skills and a natural Danish oil finish.	
Assessment opportunities	Students will be assessed on their knowledge and skills during lessons to aid the retrieval of information held in their long-term memory. These tasks will be chosen from four key areas of knowledge associated with design and technology that include: literacy, design, practical skills and processes. <p>They will also have two summative assessments, one at the end of the design section and the other at the end of the making section. Students will be given formal feedback on these areas against a set of assessment criteria and additional feedback in the form of a strength, to improve and accuracy comment with a space provided for a student response.</p>	

Homework	Students are no longer set homework at KS3.	
Vocabulary	Justification Measurable Criteria Context Specification Shading Isometric Rendering Annotation Review Justify Material Names Tool Names	Finish Names Process Names Tolerance Quality control Manufacturing Safety Quality Accuracy Evaluation Review Justification Explanation