



HALF TERM 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Spatula &amp; coat hook</b>  <b>ALL KEYSTAGE 3 PUPILS HAVE ROTATED AT THE END OF SPRING TERM 2.</b>	<b>Objective:</b> To develop comprehension skills. To develop behaviour for learning skills. To develop accuracy using a ruler and pencil. Spatula six line graphics.	<b>Objective:</b> To develop comprehension skills. To develop behaviour for learning skills. Develop accuracy in using ruler and pencil. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	<b>Objective:</b> To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	<b>Objective:</b> To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	<b>Objective:</b> To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	<b>Objective:</b> To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials
<b>CAD 1</b> Pupil to rotate through room 60 and 63 to develop CAD/CAM skills and knowledge.	All year 7 to rotate through room 60 and 63 to develop CAD/CAM skills and knowledge. All to work through the CAD/CAM PowerPoint and design and make a Bookmark using Polypropylene. <b>KEY FOB EXTENSION TUTORIAL.</b> Pupils to model their initial designs using card, develop and then manufacture using acrylic.					
<b>Knowledge &amp; Skills development</b>	<ul style="list-style-type: none"> <li>Understanding contexts, users and purposes.</li> <li>Select and use accurately appropriate tools and equipment.</li> <li>Follow health and safety procedures.</li> <li>Understand how to classify materials.</li> <li>Understand the properties of woods.</li> </ul>					

<b>Assessment / Feedback Opportunities</b>	<p>Verbal feedback on 6 line graphics and CAD designs.</p> <p>Verbal feedback for all practical sessions.</p> <p>Cold calling to check for revision using Knowledge Organiser.</p> <p>‘Do Now’ opportunities through project.</p>
<b>Cultural Capital</b>	<ul style="list-style-type: none"> <li>• Understanding of woods, metals, and their uses in a range of settings.</li> <li>• Sustainability factors when selecting materials.</li> </ul>
<b>SMSC / Promoting British Values</b> (Democracy, Liberty, Rule of Law, Tolerance & Respect)	<ul style="list-style-type: none"> <li>• Tolerance and respect when sharing equipment.</li> <li>• Following Health and safety rules.</li> </ul>
<b>Reading opportunities</b>	<ul style="list-style-type: none"> <li>• Knowledge Organiser as homework.</li> </ul>
<b>Key Vocabulary</b>	<p>Ferrous, Non-ferrous, softwood, hardwood, file, hacksaw, pillar drill, tenon saw, file, countersink, coping saw, centre punch, drill bit, bench hook, wood vice, machine vice, ball pein hammer, engineer’s square, try square, scribe, centre punch.</p>
<b>Digital Literacy</b>	<p>Extension activity dependant on availability of computers to use 2D Design and Laser Cutter to engrave a logo onto the Spatula.</p>
<b>Careers</b>	<p>Joiner, Cabinet Maker, Engineer?</p>