



Design Technology Year 7	
Term	Curriculum Outline
Autumn 1	<b><u>Health and Safety</u></b> <ul style="list-style-type: none"><li>• Introduction to Machine tools</li><li>• Materials used in D+T</li><li>• Locker name plate</li></ul>
Autumn 2	<b><u>Introducing CAD/CAM</u></b> <ul style="list-style-type: none"><li>• 2D design and Google SketchUp</li><li>• Acrylic key fob</li><li>• Christmas Cards</li></ul>
Spring 1	<b><u>The Design Process</u></b> <ul style="list-style-type: none"><li>• Researching, Planning and Evaluating</li><li>• Design and make a jigsaw puzzle</li><li>• Picture frame</li></ul>
Spring 2	<b><u>Introduction to Moulding</u></b> <ul style="list-style-type: none"><li>• Polymers</li><li>• Vacuum Forming</li></ul>
Summer 1	<b><u>Working with Plastics</u></b> <ul style="list-style-type: none"><li>• Joining techniques</li><li>• Design and make a desk tidy in UPVC foam</li></ul>
Summer 2	<b><u>Fundamentals of Engineering</u></b> <ul style="list-style-type: none"><li>• Types of materials - timber</li><li>• Types of fit</li><li>• Design and make a toy racing car</li></ul>