

**KS3 DESIGN TECHNOLOGY  
DTVA**

<b>YEAR GROUP</b>	<b>TERM 1 PROJECT OUTLINE</b>	<b>TERM 2 PROJECT OUTLINE</b>	<b>TERM 3 PROJECT OUTLINE</b>
<b>7</b>	<ul style="list-style-type: none"> <li>● <b>DESIGN TECHNOLOGY</b></li> <li>● Slinky toy project</li> <li>● Using hand tools</li> <li>● Finishing techniques</li> <li>● Introduction to workshop machinery</li> </ul>	<ul style="list-style-type: none"> <li>● <b>SKILLS</b></li> <li>● Graphic design project – cosmetic packaging design</li> <li>● Drawing skills including isometric drawing</li> <li>● CAD</li> </ul>	<p><i>STUDENTS IN YEAR 7 STUDY DESIGN TECHNOLOGY ACROSS ONE TERM DUE TO TECHNOLOGY ROTATIONS</i></p>
<b>KEY SKILLS</b>	<p><i>Use of workshop tools and health and safety, confidence with hand tools, development of drawing techniques, 3D modelling</i></p>		
<b>8</b>	<ul style="list-style-type: none"> <li>● <b>DESIGN TECHNOLOGY</b></li> <li>● Insect hotel project</li> <li>● Joining methods</li> <li>● Development of skills in the workshop</li> <li>● Finger joints</li> <li>● Laser cutter</li> <li>● CAD</li> </ul>	<ul style="list-style-type: none"> <li>● <b>SKILLS</b></li> <li>● Graphic design project – Festival Design</li> <li>● Drawing conventions</li> <li>● CAD</li> </ul>	<p><i>STUDENTS IN YEAR 8 COVER DESIGN TECHNOLOGY ACROSS ONE TERM DUE TO TEHCNOLOGY ROTATIONS</i></p>
<b>KEY SKILLS</b>	<p><i>Development of drawing techniques, CAD/CAM, development of workshop techniques, understanding of a variety of woodworking joints and finishes</i></p>		
<b>9</b>	<ul style="list-style-type: none"> <li>● <b>DESIGN TECHNOLOGY</b></li> <li>● Lamp project</li> <li>● Biomimicry</li> <li>● Woodworking joints</li> <li>● Finishes</li> <li>● Electronics</li> <li>● CAD/CAM</li> </ul>	<ul style="list-style-type: none"> <li>● <b>DESIGN TECHNOLOGY</b></li> <li>● Pewter casting project</li> <li>● Working with pewter</li> <li>● Understanding mould design</li> </ul>	<ul style="list-style-type: none"> <li>● <b>DESIGN TECHNOLOGY</b></li> <li>● Design Challenge project</li> <li>● Students work independently to create their own solution to a brief</li> </ul>
<b>Key Skills</b>	<p><i>Students have opted for Design Technology in year 9. Year 9 focuses on developing their skills within a workshop setting and encouraging design independence</i></p>		

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