



## YEAR 7

YEAR	TRINITY 2	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1
7	X	<p>Pupils rotate in a 7 week rotation between the following areas. Art, FPN, Textiles and DT over the course of Year 7. Groups have one double and a single lesson each week, pupils will be taught across two rooms (workshop and computer room).</p> <p><b><u>Popup Book (card engineering) and Pull along toy</u></b></p> <p><b><u>Week 1</u></b> –</p> <ul style="list-style-type: none"> <li>• Intro to design project – Pop up mechanisms (card engineering) modelling.</li> <li>• Product Analysis of an existing book.</li> <li>• What is the Pop Art style?</li> <li>• Design a story that reflects a Christian Value.</li> </ul> <p><b><u>H/L</u></b> – Plan of story in set format</p> <p><b><u>Week 2</u></b> –</p> <ul style="list-style-type: none"> <li>• Introduction to using craft knife &amp; board safety (Knife license)</li> <li>• Who is your main character? Design Development of main character based on client feedback.</li> <li>• Introduction to 2D design</li> <li>• Begin to build book based on design specification given</li> </ul> <p><b><u>H/L</u></b> – Health &amp; Safety of the workshop</p> <p><b><u>Week 3</u></b> –</p> <ul style="list-style-type: none"> <li>• Introduction to the workshop and equipment - hand saws, files, pillar drill, glass paper, craft knives, use of scroll saws and band sander.</li> <li>• Create template for pull along toy</li> <li>• Begin to cut out toy using a range of tools.</li> <li>• How to complete a production log</li> <li>• Introduction to a range of different types of wood to make informed choices</li> </ul> <p><b><u>H/L</u></b> – Types of wood (Introduction of materials types)</p> <p><b><u>Week 4 to 6</u></b> -</p> <ul style="list-style-type: none"> <li>• Continue to create pull along toy</li> <li>• Continue to create popup book</li> <li>• Introduction to Cams &amp; different types of mechanical systems</li> <li>• Introduction to types of finishes you can apply to a range of wood &amp; papers</li> <li>• Introduction to Flow charts &amp; Manufacturing specifications</li> <li>• Developing skills in problem solving</li> </ul> <p><b><u>H/L</u></b> – Fact file into soft woods / hardwoods - Linking to ecological issues</p> <p><b><u>Week 7</u></b> -</p> <ul style="list-style-type: none"> <li>• Review of learning – set targets for next project</li> <li>• Finishing touches to pull along toy and popup book</li> <li>• Photographs of final products</li> <li>• Complete Evaluation process on Final products.</li> </ul>				



Saint Michael's CE High School

*A Church of England Academy*

Therefore, choose