

Design Technology Year 7

Learning Intentions Spring Term 1

2024-2025

	LESSON
WEEK 16 wc 6 th January	<p>Packaging Pupils will be introduced to the principles of Packaging:</p> <ul style="list-style-type: none"> • Why do products need to be packaged? – Preserve / Protect / Promote / Transport • Common materials for packaging including Paper and Board • Environmental issues associated with packaging production and disposal
WEEK 17 wc 13 th January	<p>Modelling in Technology / using CAD/CAM Why do we use models in Technology? The role of computer modelling and testing. How will CAD/CAM be used to produce the Shop identity packaging? Introducing the Cad Cam plotter for developing prototypes</p>
WEEK 18 wc 20 th January	<p>Workshop rules / Health and Safety The importance of Health and Safety in the workshop. What kind of accidents could occur in the workshop? Understanding how to use the machines safely - guards, PPE, floor tape, emergency stops, correct clothing and emergency procedures. Workshop rules. Pupils will complete a worksheet about workshop safety and design a safety poster of their own.</p> <p>Practical lesson Pupils will work towards the practical realisation of their design ideas.</p>
WEEK 19 wc 27 th January	<p>Practical Pupils will work towards the practical realisation of their design ideas, demonstrating appropriate Health and safety awareness and utilising relevant working techniques</p>
WEEK 20 wc 3 rd February	<p>Practical Pupils will work towards the practical realisation of their design ideas, demonstrating appropriate Health and safety awareness and utilising relevant working techniques</p>
WEEK 21 wc 10 th February	<p>Evaluation Review the project with the pupils. Class discussion with all the completed projects on view. Good examples and why. What improvements could others have made? All pupils to complete an evaluation work sheet to review their product</p>