

# Design Technology Year 7

## Learning Intentions Summer Term 2

2024-2025

WEEK 33 wc 2 <sup>nd</sup> June	<b>Project 2 – Graphics – Shop identity</b> Pupils will be introduced to the principles of Graphic Design: <ul style="list-style-type: none"><li>• What do we mean by the term Graphics?</li><li>• What are the key elements of Graphic design – <b>Combining Colour/Shape/Text /Image</b></li></ul> How do we apply the key elements to solve specific design problems?
WEEK 34 wc 9 <sup>th</sup> June	<b>Design brief and Initial ideas – Shop identity</b> What is a design brief and why do we use them in design technology? Discuss the correct method of producing initial ideas: <ul style="list-style-type: none"><li>• 3D sketches</li><li>• Colour</li><li>• Annotation</li></ul> Pupils to complete 2 initial ideas with accompanying annotation.
WEEK 35 wc 16 <sup>th</sup> June	<b>Packaging</b> Pupils will be introduced to the principles of Packaging: <ul style="list-style-type: none"><li>• Why do products need to be packaged? – Preserve / Protect / Promote / Transport</li><li>• Common materials for packaging including Paper and Board</li></ul> Environmental issues associated with packaging production and disposal
WEEK 36 wc 23 <sup>rd</sup> June	<b>Modelling in Technology / using CAD/CAM</b> 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
WEEK 37 wc 30 <sup>th</sup> June	<b>Workshop rules / Health and Safety</b> 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. <b>Practical lesson</b> Pupils will work towards practical realisation of their design ideas.
WEEK 38 wc 7 <sup>th</sup> July	<b>Practical lesson</b> Pupils will work towards practical realisation of their design ideas
WEEK 39 wc 14 <sup>th</sup> July	<b>Evaluation</b> 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.