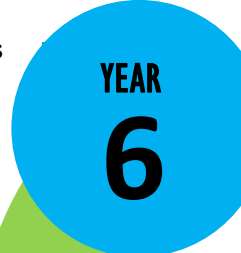


My Product Design Learning Journey



KS2 – Product Design



Health & Safety Re-cap Research

Design

Make

Evaluate



Reflections and Targets



High Quality Finished Products

In Year 6 learners will develop their knowledge of working safely when using tools and building on their previous knowledge of the design process.



Self and Peer Evaluation

KS2 – Product Design

Evaluate



Labelling Designs



Materials



Existing Products



Using Tools Safely

Year 5 and 6 will work through a range of design and make projects, repeating the Design Process cycle each time.

Finishing Techniques



Tool Skills



Basic Design Skills



Simple Mechanisms



Images



Introduce Design Process



Workshop Rules

Make

Design

Research

Health & Safety



In Year 5 learners will develop basic understanding of Health & Safety and the Design Process.

Key Stage 2 Learning Mat Product Design

The Design Process

Research

- Knowing your design brief and target market
- Looking at existing products
- Looking at design influences
- Learning technical knowledge (e.g. circuits)

Design

- Drawing ideas (pencil first then fine line pen)
- Adding colour (in pencil crayon)
- Labelling with notes

Make

- Working with tools and equipment safely
- Working with different materials
- Creating a high quality product

Evaluate

- Recognising strengths and improvements in the work of others
- Recognising strengths and improvements in your own work

Scissors 	Craft Knife 	Coping Saw 	File 
Metal Ruler 	PVA Glue 	Sand Paper 	Hammer 
Apron 	Goggles 	Pencil 	Double Sided Tape 
Hand Drill 	Sander 	Bench Drill 	Permanent Markers 

Design Brief: A starting point or a brief introduction to a project.

Target Market: Who you are making your product for.

Design Influence: Images and styles to base your own designs on.

Product: The completed item that you are making.