



Year Group	5	Subject	Resistant Materials	Taught in		Rotation	
Title	Jigsaw Puzzle						
Summary	Introduction to Resistant Materials and the workshop environment. Understand the safety aspects of working in a workshop environment. Designing and making a simple jigsaw puzzle using wood. Using tools and machinery safely and correctly. Pillar Drill and Jigsaw						
Key Skills	Make a suitable jigsaw puzzle from their own design. Understand the safety aspects of working in a workshop environment and the correct way to use a range of tools and machinery. Safely and correctly using a Pillar Drill and Jigsaw. Simple evaluation of their design. Improvements.						
Extra-Curricular							
Cross-Curricular	Key words, Design Specification – English. Evaluation – English, PSHCE - Designing for others. Maths – accurate measurement. Dividing into equal pieces.						

Year Group	5	Subject	Electronics	Taught in		Rotation	
Title	Mini-Key Light Project						
Summary	Introduction to the design process in Design and Technology. To design and make a working mini key light key ring.						
Key Skills	Understand and apply the design process to create a suitable design. To use basic electronic components to create a mini key light. To understand basic electronic circuits and components. To create a suitable design for their completed Mini-Light. The design process. The Problem (Design Brief), Research, Ideas, Develop/Change, Make, Evaluate.						
Extra-Curricular							
Cross-Curricular	Key words, Design Specification, Evaluation – English.						

Year Group	5	Subject	Textiles	Taught in		Rotation	
Title	Felt bag.						
Summary	Introduction to textiles and simple textiles techniques. Creating a Binka bookmark, felt glasses cleaner, felt bookmark.						
Key Skills	Threading a needle, control tail. (Binka Bookmark) 3 stiches to start and stop, even running stich x3. Blanket and Cross Stich. (Felt Glass Cleaner) 3 stiches to start and stop. Small even running stich. (Felt Bag) Paper design/template. Pin letters, sew letters, sew sides. Sew buttonhole. Sew button. (Felt Bookmark) Design from scraps. Sew design, sew sides, insert lolly sticks and complete.						
Extra-Curricular							
Cross-Curricular	Key words, Design Specification, Evaluation – English.						