

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	WHAT ARE THE BEST MATERIALS TO MAKE A BOAT Skills Focus: Background Research, designing, making			Deconstruct, design and make a class bus - wheels and axils Skills Focus: Design Criteria		Making Bird Feeders (willow Weaving Lady) Free Standing Structures Skills Focus: Planning
Year 2	WHAT ARE THE BEST MATERIALS TO MAKE A Dolls House?	Can we make a Giraffe puppet? Focus: Templates and joining techniques.			Healthy Living week. Focus Can they design their own healthy plate? Preparing fruit and vegetables	Mechanisms Focus Sliders and Levers Can they make a map of the physical features of a town they are studying? Map to have some sort of pop-up feature - eg, church or town hall.
Year 3			Focus - mechanical systems. Levers and linkages - design and make a science information leaflet with a flap.	Focus - building a volcano - 2d shape to 3d product.		Food Focus Healthy and varied diet - link to Science - How can Usain Bolt move so quickly.
Year 4		Focus - Simple Circuits - how would we live without electricity for a day?		Food Focus Healthy and varied diet - link to science - design a healthy lunch.		Focus - Shell Structures - design a water bottle or a toy box relating to History topic.
Year 5	Focus - Pulleys or Gears- Link to Science.		Focus - Frame structures - could they design a modern day bomb shelter?		Focus - Celebrating culture and seasonality - link to History and design a celebration food linked to Ancient China.	
Year 6	Focus - More complex switches and circuits - science link - electricity.			Focus - Combing fabric shapes - Link to LC - Islamic Civilisations		Focus - Celebrating culture and seasonality - design and make an End of Year 6 celebration item?