



Design Technology Long Term Plan

	Year 1	Year 2	Year 3	Year 4	Year 5	Year6
Autumn	Cooking and Nutrition Fruit kebabs	Textiles Marking out and joining fabric Finger puppets of animal pet for Traction Man	Mechanisms and Control (Pneumatics) Design and make a moving monster	Textiles Create a purse for the Rio Carnival	Structures Musical instruments	Structures Investigate and use techniques to reinforce and strengthen structures
Spring	Static Structures Create models from sheet and reclaimed materials	Mechanisms Vehicles using mechanisms (wheels, axels, pulleys and levers) Design and make a modern day fire engine	Free standing structures Photo frames	Linkage type mechanisms A guide to the rainforest with moving parts	Mechanisms Moving toys (Roman siege machine)	Mechanisms electrical and computer control Use motors to control speed and direction of movement
Summer	Moving Pictures Create a book with moving parts to show the evolution of a form of transport	Textiles Use a paper pattern and a range of jointing fabric Design a suit for Tim Peake	Cooking and nutrition Make a Greek salad: Food preparation techniques, combining flavours and textures.	Electrical control Design an alarm to protect a valuable painting/artefact	Cooking & nutrition Making Bread	Textiles Design, use patterns, templates and detailed working drawings Develop finishing techniques - T Shirts