

Whole School Design Technology Curriculum Overview

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	Mechanisms Sliders and levers <i>(pop up books)</i>	Structures Freestanding structures <i>(Great Fire of London)</i>	Structures Shell Structures <i>(Stone Age house or Christmas present box)</i>	Electrical Systems Simple circuits and switches <i>(Light up Christmas card)</i>	Mechanical Systems Pulleys and gears <i>(moon buggies)</i>	Food Celebrating cultures and seasonality
Spring	Food Preparing fruit and vegetables <i>(link to food around the world fruit salad)</i>	Mechanisms Wheels and axles <i>(push pull toys link to Brunel and railways)</i>	Mechanisms Pneumatics <i>(Link to angry earth/volcanoes)</i>	Mechanisms Levers and Linkages <i>(Pop up books)</i>	Textiles Combining different fabric shapes <i>(Insulated Drinks holder)</i>	Electrical Systems Monitoring and control <i>(museum alarm)</i>
Summer	Textiles Templates and joining materials <i>(Glove puppet)</i>	Food Preparing fruit and vegetables (link to science on food. Make a salad)	Textiles 2d to 3d shape Make a <i>(purse/beach bag link to Greece)</i>	Food Healthy and varied diet (Make a wrap/sandwich)	Mechanical Systems Cams (Moving toy for a young child)	Structures Frame structures <i>(Anderson shelters)</i>