



LIGHTHOUSE  
SCHOOLS PARTNERSHIP



### Design and Technology Long Term Overview

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	Textiles Sewing a simple puppet  (History Toys Link)	Textiles sewing a Christmas decoration	Making light up signs – recycled materials and circuits (Science Light/Electricity Link)	Bridges - cutting, joining and strengthening  (Geography Rivers Link)	Lighthouses – building tall structures  (Science Light Link)	Shelters and Structures  (History WW2 Link)
Spring	Flying Kites  (Geography Weather Link)	Making vehicles with moving wheels including use of construction kits (eg K'Nex, Lego)	Photo frames from cardboard and paper - cutting and joining, strengthening	Textiles sewing a pencil case or purse  (History Saxons Link)	Textiles sewing and decorating a cushion	Fairground rides and games  (Science Forces Link – levers gears and pulleys)
Summer	Moving Insect Pictures – pins, pivots and levers  (Science Habitats Link)	Making animal homes from everyday objects and materials (Science Materials and living things and habitats Link)	Moving story books - pins, pivots, levers, flaps	Moving insects and creatures - pneumatics  (Science Habitats Link)	Moving Toys - axels, wheels and cams  (History Victorians Link)	Props and set building for performances – recalling and using skills independently  (Optional)
Food Tech	Make a fruit salad	Make a mini pizza	Make a sandwich	Make biscuits	Make bread	Make soup/smoothies