



Curriculum Overview (Long Term Plan): Design and Technology

Autumn	Cycle A	Cycle B
Spring		
Summer		
R	Using simple tools; Scissors skills, pencil, paint brushes etc. Junk model (plan, draw, make, evaluate).	
	3D models	
	Make a lighthouse	
Robins Year 1 and 2	Design and make a castle. Make a moving portcullis	Design and make a hot cross bun.
	Design bunting for Dinosaur Party	Making a wooden Tudor House
	Making a moving puppet Leavers Sliders To make a Rosa Parks moving puppet. Explore a range of moving mechanisms	Design and make windsock
Wrens Year 3 and 4	Torches- A model that includes an electrical circuit.	Sewing – Christmas Decorations.
	Cooking – design and make jam tarts.	Pop up book – using levers and linkages.
	Design and make a Kite	Cooking – An edible garden. Make pesto, strawberry smoothie & tomato sauce.
Swallows Year 5 and 6	Sewing: Soft Toys	Shelters: apply their understanding of how to strengthen, stiffen and reinforce more complex structures
	Land yachts: use mechanical systems in their products	Fairground rides: use electrical systems in their products
	Pitta Bread: healthy food preparation	Lasagne: planning, preparing, layering Sewing: Make a beach bag