

Y2	Term 1 and 2	Term 3 and 4	Term 5 and 6
Enquiry question	How did the Great Fire change London?	Are all our journeys the same?	How does the weather affect us?
Design and Technology			
	Main Focus: Structure Outcome: Design and construct a bridge	Main Focus: Mechanisms Outcome: Design and construct a vehicle using wheels and axles	Main Focus: Food Outcome: Prepare a sandwich for a seaside picnic
Knowledge	Pupils should be taught:		
	Design	design purposeful, functional, appealing products for themselves and other users based on design criteria	
		generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology	
	Make	select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]	
		select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	
	Evaluate	explore and evaluate a range of existing products	
		evaluate their ideas and products against design criteria	
	Technical Knowledge	build structures, exploring how they can be made stronger, stiffer and more stable	
		explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products	
	Food and Nutrition	use the basic principles of a healthy and varied diet to prepare dishes	
understand where food comes from			
Skills	D1 - Produce detailed, labelled drawings or models of products based on design criteria D2 - Think of ideas and plan what to do next E1 - Investigate a range of existing products and say what they are supposed to do E2 - Explain how closely finished products meet their design criteria and say what they could do better in the future	D1 - Produce detailed, labelled drawings or models of products based on design criteria D2 - Think of ideas and plan what to do next E1 - Investigate a range of existing products and say what they are supposed to do E2 - Explain how closely finished products meet their design criteria and say what they could do better in the future	D1 - Produce detailed, labelled drawings or models of products based on design criteria D2 - Think of ideas and plan what to do next E1 - Investigate a range of existing products and say what they are supposed to do E2 - Explain how closely finished products meet their design criteria and say what they could do better in the future

	<p>E3 - Describe why a design, building or designer is important</p> <p>M1 - Use suggested tools safely and effectively, explaining why they have chosen a particular tool for the task.</p> <p>M2 - Choose appropriate materials and suggest ways of manipulating them to achieve a desired effect</p> <p>M3 - Work safely and hygienically in all construction, including cooking activities</p> <p>T2 - Build structures by making them strong, stiff and stable</p>	<p>E3 - Describe why a design, building or designer is important</p> <p>M1 - Use suggested tools safely and effectively, explaining why they have chosen a particular tool for the task.</p> <p>M2 - Choose appropriate materials and suggest ways of manipulating them to achieve a desired effect</p> <p>M3 - Work safely and hygienically in all construction, including cooking activities</p> <p>T3a - Use wheels and axles, cut wood/dowel using a bench hook and hacksaw</p> <p>T3b - Attach features to a design</p> <p>T3c - Create and use pivots and levers</p>	<p>E3 - Describe why a design, building or designer is important</p> <p>M1 - Use suggested tools safely and effectively, explaining why they have chosen a particular tool for the task.</p> <p>M2 - Choose appropriate materials and suggest ways of manipulating them to achieve a desired effect</p> <p>M3 - Work safely and hygienically in all construction, including cooking activities</p> <p>F1 - Cut, peel, grate and chop a range of ingredients to make dishes</p> <p>F2 - Identify the main food groups, including fruit and vegetables</p> <p>F3 - Identify the source for common foods</p>
Vocab	Stiffer, stronger, more stable	wheel, axle, doweling, vehicle, hacksaw, bench hook, measure, mark, accurate, features, wood, construction, splinter, sandpaper	cut, spread, stir, mix, hygiene, healthy, fruit, vegetable, energy, measure, cup, spoon, knife, farm