

Smallthorne Primary Academy

Design & Technology Long Term Overview 2022-2023



	Autumn		Spring		Summer	
	Nursery Rhymes - construction sets (fixing together) -building walls	Traditional Stories -Building bridges (balancing)	Food -Cookery- soup, pizza, toast, fruit salad Chinese New Year- moving dinosaurs	Julia Donaldson _{Clay}	Farm -Making bread and Butter -Windmills	Growing -Building with a purpose -Big outdoor construction
	Traditional Stories Explores a range of everyday objects and can talk about similarities and differences between them	Dinosaurs Draws what they are going to make. Chooses appropriate tools.	Transport Explains what they are happy with in a product and how they will tweak the design to improve it	We are super - Makes judgements about properties of different materials and their suitability for construction. Tests out the properties of materials.	Down at the bottom of the garden/ animals Experiments with designs and materials. Uses tools safely.	Sea and Sand Describes how a product is made up of many different parts
Year 1			What is D&T? Structures	Solid Structures Sliders		Cous Cous Dishes
Year 2			Wheels and Axles	Portable Snacks		Levers Frame Structures
Year 3			Paper Circuits	Vegetable Soup		frame structures
Year 4			Linked Levers	Shell Structures		Dips
Year 5			What is D&T? Arch Structures	Bread/Pizza		Cams
Year 6			What is D&T? Art Structures	Spaghetti Bolognese		Pulleys