

Subject: Design and Technology 2019 - 2020

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Following children's interests: Over the course of the year DT activities include: small and large indoor and outdoor construction, junk modelling, baking, making bird feeders, making decorations using natural materials during Forest School, den building, making a scarecrow designing minibeast habitats. Construction, Traditional Tales, People Who Help Us, Minibeasts.					
Reception	Exploring colour mixing Cooking with tools Design a nest for mother owl understanding of the need for safety		Cooking with tools Evaluating designs Joining methods manage some risks.		Cooking with tools Evaluating designs Design and plan handle equipment and tools effectively	
	Continuous Provision: Construction - lego, duplo, wooden bricks, stickle bricks, Knex, Creative - junk modelling, Playdoh Mud Kitchen - role play					
Year 1		Mechanisms Make a moving picture focusing on levers, wheels, sliders-cutting, shaping, joining	Where does food come from		Plan a healthy menu	Show how an animal breathes - template, bag, straw.
Year 2	Mechanisms (Models)	Construction		Cooking and nutrition		Materials (Australia t-shirt)

Year 3	Art Focus	Structure Romans Designing Roman Shields	Textiles - Book Bags	Art focus	Art Focus	Food - Pasta
Year 4	Art focus	Electrical components Short project 'switches' or longer project 'Light up sign'	Art focus	Structure Greenhouses	Art focus	Food Seasonal foods
Year 5	Art focus Rainforests	Structure Designing and making a Mayan temple	Art focus - Ancient Greek pottery art	Food Greek foods - Pitta bread (dough) Tzatziki dip	Art focus Sketch and paint bridges - Monet impressionism bridge art	Structure / moving components Designing and making a bridge from chosen materials. Gears and pulleys to create movement
Year 6	Art focus	Textiles Felt cases Trip to Nissan	Art focus	Electrical components Battery operated lights	Art focus	Structure Clocks (Leavers' present) Food Cooking and nutrition- Global food Pizza - making dough