

Subject Overview SCIENCE

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Early Years	Studying our families and ourselves Autumn changes Leaf study Mud kitchen Washing hands – hand germ experiment with bread The effects of exercise on the body	Cooking – melting chocolate Fire / sparkler safety Bubbling magic potions Making dough Studying different leaves and twigs	Winter weather changes Studying frost, ice and snow Ice experiment – making ice, melting ice Gravity – rocket launching Thrust – bottle cap experiment	Easter / spring – changes (new life) Planting – re-growing potatoes Building and investigating a bug hotel Life cycles - chicks	Washing clothes without a washing machine Different transport design Balloon powered cars / rockets This sinks and that floats - make a boat that floats Growing a rainbow and storm in a jar Growing plants / sunflower competition, growing a bean in a jar	The needs of a plant experiment Growing plants / sunflower competition, growing a bean in a jar drawing plants and flowers Life cycle of a caterpillar
Year 1	Materials		Animals including humans		Plants	
Year 2	Living things and habitats		Animals including humans		Plants Materials	
Year 3	Light (shadows)	Forces (magnets)	Animals including humans (nutrition muscles and skeleton)	Rocks and soils	Plants	
Year 4	States of matter solid liquid gas	Animals and humans (teeth and digestion)	Living things and habitats	Electricity (circuits)	Sound (vibration)	
Year 5	Forces	Earth and Space	Animals and living things	Habitats (life cycles)	Properties and changes in materials	
Year 6	Electricity symbols and diagrams	Light (straight lines)	Animals and living things (lungs circulatory system and diet)	Habitats classifying	Evolution and inheritance	