



	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	7 weeks	8 weeks	5 weeks	6 weeks	6 weeks	8 weeks
EARLY YEARS	UNDERSTANDING THE WORLD - Natural world: plants, animals, natural and found objects. - Developing an understanding of processes and changes over time e.g. growth, decay, seasons, life cycles, matter, forces. - Living things and the different environments/habitats they live in.					STEM PROJECT – How can we look after our planet?
YEAR 1	SEASONAL CHANGES (Autumn) observing changes	EVERYDAY MATERIALS identify and describe materials and their properties	SEASONAL CHANGES (Winter) ANIMALS INCLUDING HUMANS naming common animals, parts of the human body	SEASONAL CHANGES (Spring) PLANTS identifying common plants and parts of plants	SEASONAL CHANGES (Summer) including weather, seasons and daylight hours	RECAP AND CONSOLIDATION STEM PROJECT – What would happen if there were no plants or animals left in the sea?
YEAR 2	LIVING THINGS AND THEIR HABITATS identifying plants and animals	USES OF EVERYDAY MATERIALS identify and compare uses of materials	PLANTS identify and compare how seeds and bulbs grow into mature plants		ANIMALS INCLUDING HUMANS needs of animals – food, water, air	RECAP AND CONSOLIDATION STEM PROJECT – How do people go hungry if we can grow our own food?
YEAR 3	LIGHT sources, reflections and shadows	FORCES AND MAGNETS how things move how magnets attract and repel	ROCKS comparing and grouping	PLANTS functions of parts of plants	ANIMALS INCLUDING HUMANS nutrition skeletons and	RECAP AND CONSOLIDATION STEM PROJECT –

			fossils		muscles	Where does our rubbish go?
YEAR 4	SOUND how sound is made and travels	ELECTRICITY identifying common appliances creating simple circuits	STATES OF MATTER comparing and grouping solids, liquids and gases water cycle	LIVING THINGS AND THEIR HABITATS classifying and grouping	ANIMALS INCLUDING HUMANS digestive system teeth	RECAP AND CONSOLIDATION STEM PROJECT – How can we look after our planet?
YEAR 5	FORCES gravity, resistance and friction	LIVING THINGS AND THEIR HABITATS life cycles, habitats	PROPERTIES AND CHANGES OF MATERIALS comparing and changing	ANIMALS INCLUDING HUMANS changes as humans age	EARTH AND SPACE understanding solar system cycle of the moon	RECAP AND CONSOLIDATION STEM PROJECT – How can Fairtrade help us all and how can biomimicry support our food system?
YEAR 6	LIVING THINGS AND THEIR HABITATS classification	ANIMALS INCLUDING HUMANS circulatory system diet	ELECTRICITY understanding symbols and power	LIGHT how light travels how people see	EVOLUTION AND INHERITANCE adaptation	RECAP AND CONSOLIDATION STEM PROJECT – What is the future for electric power?

Following the Plymouth scheme of work; working scientifically is embedded into every unit with a focus on different scientific inquiries and the scientific skills required to carry out these inquiries

Summer 2 – STEM project theme – Looking after our planet – Linked to Catholic Social Teaching Principle – Care for our Common home