

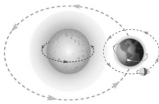
St Robert Bellarmine Catholic Primary School

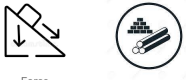
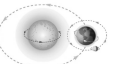
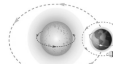
Curriculum Overview: Science



		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Nursery	Following Understanding the World Statements from EYFS Development Matters 2020 for three and four year olds.						
	• Use all their senses in hands-on exploration of natural materials. • Explore collections of materials with similar and/or different properties. • Talk about what they see, using a wide vocabulary. • Explore how things work. • Plant seeds and care for growing plants. • Understand the key features of the life cycle of a plant and an animal. • Begin to understand the need to respect and care for the natural environment and all living things. • Explore and talk about different forces they can feel. • Talk about the differences between materials and changes they notice.						
	ANIMALS, INCLUDING HUMANS  Topic: Ourselves What can we observe about the plants in our locality? What do we call the different parts of animals and human bodies?	SEASONAL CHANGE  Topic: Autumn and Winter What can we see changing around us in Autumn, Winter, Spring and Summer?	LIVING THINGS  Topic: Easter/Growing What can we see changing around us in Autumn, Winter, Spring and Summer? How do animals change as they grow?	LIVING THINGS & THEIR HABITAT  Topic: Mini-beasts What can we observe about the animals in our school grounds?	ANIMALS, INCLUDING HUMANS  Topic: Healthy and Active fortnight Nurse visit Healthy Foods How can we keep our bodies healthy?		

Reception	Following Understanding the World Statements from EYFS Development Matters 2020 for Reception. • Explore the natural world around them. • Describe what they see, hear and feel whilst outside. • Recognise some environments that are different to the one in which they live. • Understand the effect of changing seasons on the natural world around them				
	ANIMALS INCLUDING HUMANS  Topic: Ourselves What can we observe about the plants in our locality? How can we keep our bodies healthy? What do we call the different parts of animals and human bodies?	SEASONAL CHANGE  Topic: Autumn and Winter What can we see changing around us in Autumn, Winter, Spring and Summer?	PROPERTIES OF MATERIALS  Topic: Materials What are some properties of everyday materials? How are different everyday materials suited to their uses?	LIVING THINGS  Topic: Easter and growing What can we see changing around us in Autumn, Winter, Spring and Summer? How do animals change as they grow?	LIVING THINGS & THEIR HABITAT  Topic: environments, rainforests Recycling What can happen to living things when habitats change? How can we look after these habitats?

Year 1	SEASONAL CHANGE  What can we see changing around us in Autumn, Winter, Spring and Summer?	ANIMALS, INCLUDING HUMANS  What different ways can we group animals?		PROPERTIES OF MATERIALS  What every day materials are all around us? What makes materials different from each other? What different ways can we group materials?	SEASONAL CHANGE  What can we see changing around us in Autumn, Winter, Spring and Summer?
	ANIMALS, INCLUDING HUMANS  What do we call the different parts of animals and human bodies? Which parts of the body are linked to each sense?				PLANTS  What different types of plants can we see and name in our locality? What do we call the different parts of a plant?
Year 2	PROPERTIES OF MATERIALS  How are different everyday materials suited to their uses? Can we change the shape of solid objects?	LIVING THINGS & PLANTS  What are the differences between living things and things that have never been alive? What do plants need to grow healthily? LIVING THINGS & THEIR HABITAT  What does a habitat provide for an animal or plant? How do animals and plants depend on each other within a habitat?		ANIMALS, INCLUDING HUMANS  What things do all animals need to survive? What things can humans do to stay healthy?	
Year 3	LIGHT  What can we observe about the difference between light and dark? How are shadows formed? How are shadows different?	ROCKS  What different ways are there to group rocks? How are fossils formed? What are soils made from?	FORCES  What makes magnets special? (how magnets work) Which common materials are magnetic?	ANIMALS, INCLUDING HUMANS  How does the human skeleton work? How do muscles work?	PLANTS  What do plants need to survive and grow? How do flowering plants change as they grow?

Year 4	ANIMALS, INCLUDING HUMANS  How does the human digestive system work? What is a food chain?	FORCES  Force How can we make an electrical circuit? Which common materials conduct electricity?	CHANGING MATERIALS  Can we group everyday materials into solids, liquids and gases? What happens when things heat up and cool down? What scientific processes are happening in the water cycle?	SOUND  How are sounds made? How do we hear sounds? How do sounds change?	LIVING THINGS & THEIR HABITAT  What different ways are there to group animals? What different ways are there to group plants? What can happen to living things when habitats change?
Year 5	CHANGING MATERIALS  What different properties do everyday materials have? How can we separate solids from mixtures? Which changes can be reversed?	FORCES  How and why do objects move, slow down and speed up? How can we make it easier to move something?	EARTH & SPACE  Which is moving the Earth or the Sun? Why do we have night and day? Why does the Moon appear to change shape?	EARTH & SPACE  Which is moving the Earth or the Sun? Why do we have night and day? Why does the Moon appear to change shape?	LIVING THINGS AND THEIR HABITAT  What different ways do plants reproduce? How do different animals reproduce? ANIMALS, INCLUDING HUMANS  What happens as we grow older?
Year 6	LIGHT  How does light travel? How do we see objects? Why are shadows the shape they are?	FORCES  Force How can we vary circuits to make different things happen?	LIVING THINGS AND THEIR HABITAT  What different ways do scientists use to classify living things? EVOLUTION & INHERITANCE  What do living things inherit from their parents? How have living things adapted over time to survive in their environment?		ANIMALS, INCLUDING HUMANS  How does the circulatory system work and how might we avoid harming it?

