



SCIENCE OVERVIEW 2021-2022

SCIENCE	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 1	Everyday Materials How can we classify materials?		Animals Inc. Humans How do humans use their senses?	Animals Inc. Humans How can we identify different animals?		Plants How can we identify different plants?
Year 2	Living Things/Habitats How do animals survive in different habitats?		Animals inc. Humans What do animals and humans need to survive?	Animals inc. Humans Why is exercise and diet important?	Plants How do plants grow and survive?	Materials Which materials are best to use for particular uses?
Year 3	Plants What are the functions of the different parts of plants?	Rocks How can we compare and group different rocks and soils?	Animals inc. Humans Why do animals and humans have skeletons and muscles?	Light Where does light come from? How are shadows formed?		Forces and Magnets What is a magnet? Which materials are magnetic?
Year 4	Animals inc. Humans What is the digestive system and what part do teeth play?	Sound What are vibrations, pitch and volume?		Electricity What do you need to create a series circuit?	Living Things/Habitats How do food chains work? How can you classify animals?	States of Matter What are the changes in state for solids, liquids and gases?
Year 5	Materials and Properties What are the reversible and irreversible changes of solids, liquids and gases?		Earth and Space/Forces How do the bodies of the solar system move and what effect is created?		Living Things/Habitats How do life cycles of different animal groups compare?	Forces What are the effects of water resistance and friction?
Year 6	Living Things/Habitats How do we classify animals based on specific characteristics? How are water and nutrients transported around the body?	Electricity How do we create and compare circuits with a variety of components?	Animals including Humans/Light What is the circulatory system? How does light travel and reflect?	Evolution and Inheritance How have living things changed over the years?	Evolution and Inheritance How have living things changed over the years?	