

## Date Valley School SCIENCE Curriculum Map

### CYCLE 1

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>KS1</b>	<b>SEASONAL CHANGE</b> (Autumn/ Winter)  <b>ANIMALS INCLUDING HUMANS</b> The Human Body Senses Animal Bodies	<b>SEASONAL CHANGE</b> (Autumn/ Winter)  <b>EVERYDAY MATERIALS</b> Naming materials and identifying their properties	<b>SEASONAL CHANGE</b> (Autumn/ Winter)  <b>EVERYDAY MATERIALS</b> Naming materials and identifying their properties	<b>SEASONAL CHANGE</b> (Spring/ Summer)  <b>PLANTS</b> Identifying parts of a plant	<b>SEASONAL CHANGE</b> (Spring/ Summer)  <b>PLANTS</b> Growing and identifying flowers and trees	<b>SEASONAL CHANGE</b> (Spring/ Summer)  <b>SCIENTISTS AND INVENTORS</b> Consolidation of previous learning
<b>LKS2</b>	<b>SOUND</b> How sounds travel Pitch Soundproofing	<b>ELECTRICITY</b> Circuits Conductors and insulators Switches	<b>STATES OF MATTER</b> Solids, liquids and gases Heating and cooling The Water Cycle	<b>LIVING THINGS AND THEIR HABITATS</b> Grouping living things Classification Vertebrates / invertebrates Environmental changes	<b>ANIMALS INCLUDING HUMANS</b> The Digestive System Teeth Food chains	<b>SCIENTISTS AND INVENTORS</b> Consolidation of previous learning
<b>UKS2</b>	<b>EARTH AND SPACE</b> The Planets Night and Day The Moon	<b>ANIMALS INCLUDING HUMANS</b> The Circulatory System Healthy lifestyle Impact of drugs and alcohol	<b>EVOLUTION AND INHERITANCE</b> Inheritance Adaptation Evolution	<b>LIVING THINGS AND THEIR HABITATS</b> Life cycle of plants and animals	<b>ANIMALS INCLUDING HUMANS</b> Human reproduction Gestation Life expectancy	<b>SCIENTISTS AND INVENTORS</b> Consolidation of previous learning

CYCLE 2

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>KS1</b>	<b>USES OF EVERYDAY MATERIALS</b> Uses and properties of materials	<b>LIVING THINGS AND THEIR HABITATS</b> Living, Dead and Never Alive Habitats Food Chains	<b>PLANTS</b> Life cycle of a plant What plants need to grow	<b>THE ENVIRONMENT</b> Climate change Reduce, Reuse, Recycle Endangered animals	<b>ANIMALS INCLUDING HUMANS</b> Growing and changing	<b>THE ENVIRONMENT</b> Climate change Reduce, Reuse, Recycle Endangered animals  <b>SCIENTISTS AND INVENTORS</b> Consolidation of previous learning
<b>LKS2</b>	<b>FORCES</b> Pushes and Pulls Magnets	<b>LIGHT</b> Light and Dark Mirrors Shadows	<b>ROCKS</b> Types of rocks Fossils Soil	<b>ANIMALS INCLUDING HUMANS</b> Nutrition The skeleton Muscles	<b>PLANTS</b> Parts of a plant What plants need to grow Life cycle of a plant	<b>SCIENTISTS AND INVENTORS</b> Consolidation of previous learning
<b>UKS2</b>	<b>ELECTRICITY</b> Volts investigations	<b>FORCES</b> Gravity Friction Resistance	<b>PROPERTIES AND CHANGES OF MATERIALS</b> Conductors and insulators Dissolving and separating materials Reversible and irreversible changes	<b>LIVING THINGS AND THEIR HABITATS</b> Classification Microorganisms	<b>LIGHT</b> Reflection and refraction Shadows	<b>SCIENTISTS AND INVENTORS</b> Consolidation of previous learning