



# Annual Framework - Science

YEAR	AUT 1	AUT 2	SPR 1	SPR 2	SUM 1	SUM 2	
<b>EYFS</b>	Living things and their habitats		Materials Forces, Earth and Space		Plants		
<b>Year 1</b>	Forces, Earth & Space: Seasonal Changes  What happens outside, and what we wear in each season?	Materials: Everyday Materials  How can we sort objects and materials?	Animals inc Humans: Sensitive Bodies  How do our senses help us explore the world?	Animals inc Humans: Comparing Animals  How are some animals the same or different?	Plants: Introduction to Plants  What plants can we find outside?	Working Scientifically: Making Connections: Investigating Science through stories  What can we learn about plants and animals by looking closely?	
<b>Year 2</b>	Living things and their Habitats: Habitats  How do we know if something is alive?	Living things and their Habitats: Micro Habitats  How do scientists learn about minibeast habitats and what do botanists do?	Materials: Uses of Everyday Materials  Why is it important to use eco-friendly materials?	Animals inc Humans: Life Cycles & Health  How do animals change over time and what do they need to stay alive?	Plants: Plant Growth  What do plants need, and how do we know if they are healthy?	Working Scientifically: Making Connections: Plant-based Materials  How can we reuse old objects and natural materials to help the environment?	
<b>Year 3</b>	Animals inc Humans: Movement & Nutrition  What do our bones and muscles do, and how can we keep them healthy?	Forces, Earth & Space: Forces and Magnets  How does friction affect how things move on different surfaces, and what can magnets do?	Materials: Rocks and Soils  Are all rocks the same? How are they formed and what are they used for?	Energy: Light and Shadows  How does light help us see, and what happens when there's no light?	Plants: Plant Reproduction  What are the different parts of a plant, and how do they help the plant grow?	Working Scientifically: Making Connections: Does hand-span affect grip strength?	
<b>Year 4</b>	Animals inc Humans: Digestion & Food  How do different types of teeth help us and other animals to eat?	Energy: Electricity and Circuits  How do electrical circuits work, and how can we use electricity safely?	Materials: States of Matter  How do solids, liquids, and gases change?	Energy: Sound and Vibrations  How do vibrations make sound, and how can you change the volume?	Living things and their Habitats: Classification and Changing Habitats  How can we group living things, and how do habitats change over time?	Working Scientifically: Making Connections  How does the flow of liquids compare?	
<b>Year 5</b>	Materials: Mixtures and separation  How can we separate different mixtures, and how does temperature affect dissolving?	Materials: Properties & Changes  How do the properties of materials affect how we use them?	Forces, Earth & Space: Earth and Space  What are the names of some planets in our Solar System, and how do they move?	Living Things and their Habitats: Life Cycles & Reproduction  How do different animals reproduce, and how do their life cycles vary?	Forces, Earth and Space: Unbalanced Forces  How do gravity, air and water resistance affect how things move?	Animals inc Humans: Human timeline  How do humans grow, and how do our bodies change?	Working Scientifically: Making Connections  Does the size of an asteroid affect the size of its impact crater?
<b>Year 6</b>	Living Things and their Habitats: Classifying Big and Small  How do we group living things, and how did Carl Linnaeus help with this?	Energy: Light and reflection  How does light travel, and how do mirrors help us see things in different ways?	Living Things and their Habitats: Evolution and Inheritance  How do characteristics get passed from parents to offspring, and how do species evolve?	Energy: Circuits, batteries and switches  How do batteries affect the brightness of bulbs?	Animals inc Humans: Circulation and health  How does the heart and blood help our body, and how does exercise affect our heart rate?	Working Scientifically: Making Connections  Are some sunglasses safer than others?	

