

Science Overview

Unit overview: what and when

Mixed age rolling programme example:

	EYFS	Y1/2 (Year A)	Y1/2 (Year B)	Y3/4 (Year A)	Y3/4 (Year B)	Y5/6 (Year A)	Y5/6 (Year B)
Autumn 1	Seasonal change - Autumn Animals including HUMANS	Living things and their habitats (Y2) Dead/alive <i>Habitats</i>	Seasonal change (Y1) <i>Forces and Space -</i>	Electricity (Y4) <i>Electricity and Circuits</i>	Forces and <i>magnets</i> (Y3)	Properties & changes of materials (Y5) <i>Mixtures and Separation</i>	Electricity (Y6) <i>Circuits, Batteries and Switches</i>
Autumn 2	Seasonal change – Winter Living things and their habitats	Living things and their habitats (Y2) <u><i>Microhabitats</i></u>	ANIMALS including humans (Y1) <i>Comparing animals</i>	Animals including HUMANS (Y4) Food chains Digestion & Teeth <i>Digestion and Food</i>	Animals including humans/Forces (Y3) <i>Making Connections; does hand span affect grip strength?</i>	Properties & changes of materials (Y5) <i>Properties and Changes</i>	Forces and Space (Y5) <i>Earth & Space</i>
Spring 1	Properties of materials Animals including HUMANS	Materials (Y1) <i>Everyday Materials</i>	Plants (Y1) <i>Introduction to Plants</i>	States of matter (Y4) <i>States of matter (Y4)</i>	Animals including humans (Y3) Food groups Body functions <i>Movement and Nutrition</i>	<i>Living things: Evolution & inheritance</i> (Y6)	Living things & their habitats (Y6) Vertebrates and invertebrates Classification <i>Classifying Big and Small</i>
Spring 2	Seasonal change – Spring ANIMALS including humans	Properties of materials (Y2) <i>Uses of Everyday materials</i>	Plants (Y1 & Y2) (Seasonal Change) <i>Plant Growth</i>	States of matter (Y4) <i>Making Connections; how does the flow of liquids compare?</i>	Light (Y3) <i>Light and Shadow</i>	Light (Y6) <i>Light and Reflection</i>	Forces (Y5) <i>Unbalanced Forces</i>
Summer 1	Living things and their habitats Plants	Animals including HUMANS (Y2) Simple human life cycle What humans need <i>Lifecycles and Health</i>	Animals including HUMANS (Y1) Simple body parts <i>Sensitive Bodies</i>	Living things and their habitats (Y4) Animal and plant groups Classification <i>Classification and changing habitats</i>	Rocks (Y3) <i>Rocks and Soil</i>	Living things & their habitats (Y5) Life cycles, including plants and fertilisation <i>Life Cycles and Reproductions</i>	Animals including HUMANS (Y6) <i>Circulation and health</i>
Summer 2		ANIMALS including humans (Y2) Simple life cycles What animals need	Seasonal change (Y1) <i>Making Connections; Investigating Science through stories</i>	Sound (Y4) <i>Sounds and Vibrations</i>	Plants (Y3) Parts of a plant Pollination <i>Plant Reproduction</i>	Animals including HUMANS (Y5) Human body <i>Human Timeline</i>	Making Connections; Does the size of an asteroid affect the diameter of its impact crater? (Y5) Are some sunglasses safer than others? (Y6)