Science Curriculum Overview

Bassingbourn Community Primary School · 2026 to 2029

Science is taught from Reception to Year 6 using the Kapow Primary scheme of work. Our classes are mixed-age, so units follow a two-year rolling programme. Each year ends with a "Making connections" investigation that brings learning together.

Reception

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Every year	I am a scientist		Animal adventures	Our beautiful planet	Exploring our local area	

Years 1 and 2 (mixed classes; the two years then alternate)

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
2026–27	Plants: introduction to plants	Seasonal changes	Living things: habitats	Animals, including humans: life cycles and health	Plants: plant growth	Making connections: Ocean protectors
2027–28	Animals, including humans: sensitive bodies	Materials: everyday materials	Animals, including humans: comparing animals	Materials: uses of everyday materials	Living things: microhabitats	Making connections: Fairytale Science

Years 3 and 4 (mixed classes; the two years then alternate)

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
2026–27	Animals, including humans: digestion and food	Electricity and circuits	Materials: states of matter	Sound and vibrations	Living things: classification and changing habitats	Making connections: How does the flow of liquids compare?
2027–28	Animals, including humans: movement and nutrition	Forces and magnets	Plants: plant reproduction	Light and shadows	Materials: rocks and soil	Making connections: How does wind force affect seed dispersal?

Years 5 and 6 (separate classes in 2026–27, then mixed classes from 2027–28; the two years then alternate)

YEAR AND CLASS	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
2026–27 Year 5	Materials: mixtures and separation	Materials: properties and changes	Earth and space	Animals, including humans: circulation and health	Light and reflection	Making connections: How reflective are space blankets?
2026–27 Year 6	Living things: classifying big and small	Light and reflection	Living things: evolution and inheritance	Circuits, batteries and switches	Animals, including humans: circulation and health	Making connections: Are some sunglasses safer than others?
2027–28 Years 5 and 6	Living things: life cycles and reproduction	Unbalanced forces	Living things: classifying big and small	Circuits, batteries and switches	Living things: evolution and inheritance	Animals, including humans: human timeline Making connections: How does light affect the direction of plant growth?
2028–29 Years 5 and 6	Materials: mixtures and separation	Materials: properties and changes	Earth and space	Animals, including humans: circulation and health	Light and reflection	Making connections: How reflective are space blankets?