

Biology

In our KS3 Science journey our core intention is to share our passion for the three separate subjects. We care deeply about the nurturing of critical thinking skills, problem solving, natural curiosity and creative thought. We aim to provide a rich, exciting and challenging programme for our very able cohort. Our curriculum is designed to develop the skills and knowledge we know stimulates interest and enthusiasm. The purpose is to allow each child to thrive within the scientific disciplines. Our aim is to build confidence and ability in practical science, develop social skills such as teamwork, negotiation, supporting others and working towards common goals.

By the end of KS3 in Biology students will have learnt ideas for keeping healthy, general health and consequences of unhealthy lifestyle choices. They will have a wide understanding and appreciation of the variety of life and levels of organisation from cells to organisms in the world. Students will recognise the interdependence within ecosystems and the importance of environmental stewardship for sustainability.

Year	Half Term	Content
7	a)	Introduction to Biology and Cells
	b)	Introduction to Biology and Cells
	c)	Classification and Variation
	d)	Classification and Variation, Reproduction wk 4
	e)	Reproduction
	f)	Ecology and practical skills
8	a)	Microbes
	b)	Microbes
	c)	Digestion
	d)	Digestion
	e)	Ecological relationships
	f)	Ecological relationships
9	a)	Power to the Machine
	b)	Power to the Machine
	c)	Cells and Microscopy
	d)	Cells and Microscopy
	e)	Cells and Microscopy
	f)	Cells and Microscopy