

Biology Curriculum Map

Curriculum Intent

To create a Biology curriculum that:

- Enthuse students about the natural world and the universe around them through a STEM lens.
- Coach students to Think Like a Scientist.

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	What is the difference between animal and plant cells?	How are cells adapted to do their jobs?	How does gas exchange take place in the lungs?	How does an antagonistic pair of muscles work?	How does a fetus develop?	How is a seed made?
Year 8	How is food digested?	How do drugs, alcohol and smoking affect health?	How do plants make their own food?	What is adaptation?	How do we inherit our characteristics?	What is the process of natural selection?
Year 9	How are prokaryotic and eukaryotic cells the same and different?	What are diffusion, osmosis and active transport?	How are animals and plants made up?	How do enzymes work?	What is respiration?	What is transpiration?
Year 10	What is a reflex action?	How are blood sugar levels controlled?	What affects the distribution and abundance of organisms?	What is eutrophication?	What are mitosis and meiosis?	What is genetic engineering?
Year 11	What are the theories of evolution?	How do vaccinations work?	What are monoclonal antibodies?	Revision	Revision	Revision