

Year 7 Topics

Topic	Description
7AB - Cells and Reproduction	A study of the main organs in the body and modern transplant surgery and a study of reproduction, pregnancy and birth in animals, including humans.
7CD - Ecology and Classification	A study of habitats, food chains and adaptation including opportunities to engage in fieldwork and a study of inheritance and variation and how living organisms can be classified into groups.
7EF - Chemical Reactions	A study of the properties and reactions of acids and alkalis and a study of simple chemical reactions and how to carry them out safely.
7G - Particles	A study of the states of matter, particle theory, diffusion and pressure.
7IJ - Energy and Electricity	A study of the use of fossil fuels and alternative energy sources and a study of the uses and dangers of electricity and how to set up electrical circuits.
7K - Forces and Space	A study of the uses of different forces and how to measure them and a study of the Earth and Moon, the Solar System and galaxies and the universe.
8AB - Food and Respiration	A study of the components of a healthy diet and how the digestive system works and a study of respiration and circulation and how to maximise these activities in sport.
8KL - Light and Sound	A study of the way light behaves in mirrors, lenses and prisms and a study of how we hear sounds and the structure and function of the ear.