

Science LTP 2023 onwards

	Autumn Term (Biology based)	Spring Term (Chemistry based)	Summer Term (Physics based)
Year 7/8 Our universe Cycle A 23-24	Our universe Biology based learning about the Earth and universe, ranging from animals, plants and habitats to food chains and evolution.	Our universe Chemistry based learning about the Earth and universe, ranging from materials like rocks and fossils to the uses of these materials (e.g. metals and rocks).	Our universe Physics based learning about the Earth and universe, ranging from Earth and other planets to light and sound.
Year 7/8 How my body works Cycle B 24-25	How my body works Biology based learning about the human body, ranging from features of the outer body to internal organs to how we grow.	How my body works Chemistry based learning about the human body, ranging from the materials that make up the body and chemical substances we need (e.g. food, oxygen, water) including states, to bodily functions such as digestion (e.g. acids and chemicals).	How my body works Physics based learning related back to the human body, starting with forces and how things move linking to the movement of joints and muscles in the body.
Year 9 Keeping myself safe and healthy in the world	Keeping safe and healthy in the world Biology based learning about health and safety, ranging from healthy eating to the dangers of drugs and alcohol abuse.	Keeping safe and healthy in the world Chemistry based learning about health and safety, ranging from how to keep your teeth healthy (acids) to staying safe in the lab and at home to hazard symbols to looking for dangers and risk assessments.	Keeping safe and healthy in the world Physics based learning about health and safety, ranging from using electricity safely to keeping ourselves safe from forces (e.g. speed limits, seatbelts, speeding, texting and driving).
Year 10 Me and the future of the Earth (John Muir Award)	Me and the future of the Earth Biology based learning about protecting the planet, ranging from sustainable living (e.g. growing vegetables) to endangered animals to conservation of species.	Me and the future of the Earth Chemistry based learning about protecting the planet, ranging from reducing, reusing and recycling materials to deforestation to global warming and climate change.	Me and the future of the Earth Physics based learning about protecting the planet, ranging from electricity to renewable energy.
Year 11 My future	My future Biology based learning about being an adult in the world, ranging from puberty and reproduction to genetics and inheritance to medical advances (e.g. organ donation, vaccines etc.)	My future Chemistry based learning about being an adult in the world, ranging from the chemistry of cooking (e.g. dissolving, conduction, convection) to the chemistry of cleaning (e.g. health and safety, chemicals etc.)	My future Physics based learning about being an adult in the world, ranging from calculating energy bills to reducing energy use to using tools effectively (e.g. forces and rewiring plugs etc.)