

The Polygon School 2024-2025

Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Biology 7A Muscles and bones.	Biology 7A Muscles and bones.	Physics 7L Energy.	Biology 7A Cells, tissues, organs and systems.	Physics 7J Current and electricity	Chemistry 7F Acids and alkalis
Year 8	Biology 8A Food and nutrition	Chemistry 8E Combustion	Physics 8J Light	Biology 8C Breathing and respiration	Physics 8L Earth and space	Chemistry 8H Rocks
Year 9	Entry Level Certificate (ELC) Biology – The human body.	ELC Chemistry – Elements, mixtures and compounds.	ELC Physics – Energy, forces and the structure of matter.	ELC Biology – Environment, evolution and inheritance.	ELC Chemistry – Chemistry in our world.	ELC Physics – Electricity, magnetism and waves.

KS4	iGCSE - Autumn term		iGCSE – Spring term		iGCSE – Summer term	
	Biology content 1 The nature and variety of living organisms 2 Structure and functions in living organisms 3 Reproduction and inheritance 4 Ecology and the environment 5 Use of biological resources		Chemistry content 1 Principles of chemistry 2 Inorganic chemistry 3 Physical chemistry 4 Organic chemistry		Physics content 1 Forces and motion 2 Electricity 3 Waves 4 Energy resources and energy transfers 5 Solids, liquids and gases 6 Magnetism and electromagnetism 7 Radioactivity and particles 8 Astrophysics	

