

SCIENCE

CURRICULUM BY YEAR GROUP

Curriculum Year 7

AUTUMN TERM	Chemical Reactions
	Particle Theory and Weathering
SPRING TERM	Particle physics
	Electricity and Forces
SUMMER TERM	Ecology
	Cells, Tissue and Growth

Curriculum Year 8

AUTUMN TERM	Periodic Table
	Reactions
SPRING TERM	Healthy Bodies
	Respiration and Circulation
SUMMER TERM	Energy and Motion
	Forces and Waves

Curriculum Year 9
(The school starts GCSE in year 9)

AUTUMN TERM	Review KS3 Biology and Chemistry
SPRING Term	Review KS3 Physics and Scientific Skills
SUMMER Term	GCSE Biology

Curriculum Year 10

AUTUMN TERM	Fundamental Chemistry - atoms, periodic table and reactions CI.4 Crude Oil and Hydrocarbons CI.2 Limestone and Building Materials CI.3 Extracting Metals and Alloys
SPRING TERM	CI.5 Other substances from Crude Oil, Polymers and Ethanol CI.6 Plant Oils CI.7 The Earth's Crust
SUMMER TERM	PI.1 Transfer of Energy PI.2 Energy and Efficiency PI.5 Waves and the Universe PI.3. Electrical Appliances PI.4 Generating Electricity

Curriculum Year 11

AUTUMN TERM	C2.1 Structure and Bonding and C2.2 Structure influence C2.6 Acids and Bases C2.7 Electrolysis B2.1 Cells and B2.2 Organs
SPRING TERM	B2.3 Photosynthesis B2.5 Proteins and Enzymes
SUMMER TERM	P2.1 Forces and their effects. P2.2 Kinetic Energy P2.5 Radioactivity

Curriculum Year 11
BETC

AUTUMN TERM	Finishing Principles of Applied Science Unit 4 Biology and Our Environment 4.1 4.2 4.3
SPRING Term	Unit 6.1 Unit 6.2
SUMMER Term	Unit 6.3 Unit 6.4