

Key Stage 3 Science Curriculum

Year 7

Big Idea	Subtopics	AQA GCSE Syllabus Link
Forces	Speed and Gravity	Physics - Forces an Introduction – Paper 2 Physics - Forces and Motion – Paper 2
Electromagnets	Voltage, Resistance and Current	Physics - Electricity and Introduction – Paper 1
Energy	Cost of Energy and Energy Transfer	Physics - Energy – Paper 1
Waves	Sound and Light	Physics - Wave and Wave Properties – Paper 1
Matter	Particle Model and Separating Mixtures	Chemistry - Bonding, Structure and Properties of Matter – Paper 1
Reactions	Metals and Non-metals and Acids and Alkalis	Chemistry - Chemical Changes – Paper 1
Earth	Earth structure and Universe	Chemistry - Chemical Changes (Extraction of Metals) – Paper 1 Physics - Space – Paper 2 (Physics only)
Organisms	Movement and Cells	Biology - Cell Biology – Paper 1 Biology - Organisation – Paper 1
Ecosystems	Interdependence and Plant Reproduction	Biology - Inheritance, Variation and Evolution – Paper 2 Biology - Ecology – Paper 2
Genes	Variation and Human Reproduction	Biology - Inheritance, Variation and Evolution – Paper 2

