



Key Stage 3 Science Curriculum

Year 8

Big Idea	Subtopics	AQA GCSE Syllabus Link
Forces	Contact Forces and Pressure	Physics - Forces an Introduction – Paper 2 Physics - Particle Model of Matter – Paper 1
Electromagnets	Magnetism and Electromagnetism	Physics - Magnetism and Electromagnetism – Paper 2
Energy	Work and Heating and Cooling	Physics - Energy Stores and Transfers – Paper 1
Waves	Wave Effects and Wave Properties	Physics - Wave and Wave Properties – Paper 1
Matter	Periodic Table and Elements	Chemistry - Atomic Structure and Periodic Table – Paper 1
Reactions	Chemical Energy and Types of Reaction	Chemistry - Chemical Changes – Paper 1 Chemistry - Energy Changes – Paper 1
Earth	Climate and Earth Resources	Chemistry - Chemistry of the Atmosphere – Paper 2 Chemistry - Using Resources – Paper 2
Organisms	Breathing and Digestion	Biology - Cell Biology – Paper 1 Biology - Organisation – Paper 1
Ecosystems	Respiration and Photosynthesis	Biology – Bioenergetics – Paper 2
Genes	Evolution and Inheritance	Inheritance, Variation and Evolution – Paper 2

