

## GCSE (9–1) Combined Science Biology (Higher)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>A: Cell biology and digestion</b>	<b>AQA:</b> 4.1.1.1–4.1.1.5, 4.1.2.1–4.1.2.3, 4.1.3.1–4.1.3.3, 4.2.1, 4.2.2.1 <b>Edexcel:</b> B1.1–B1.9, B1.11, B1.12, B1.15, B1.17, B2.1, B2.2, B2.5, B2.6, B2.8, B2.9, B6.7, B6.8, B8.1–B8.3	Cell structure and microscopes	Cell specialisation and differentiation	Cell division	Transport in cells	The digestive system and enzymes	<b>A</b>	<b>A</b>
<b>B: Circulatory system and infection</b>	<b>AQA:</b> 4.2.2.2, 4.2.2.4, 4.2.2.6, 4.2.3.1, 4.3.1.1, 4.3.1.3–4.3.1.5 <b>Edexcel:</b> B2.8, B5.4–B5.6, B5.8, B6.8, B6.9, B5.24, B5.25, B7.17, B8.3, B8.7, B8.8	The heart, blood vessels and blood	Non-communicable diseases	Plant tissues, organs and systems	Communicable diseases – viral and bacterial diseases	Communicable diseases – fungal and protist diseases	<b>B</b>	<b>B</b>
<b>C: Drug development, plant and animal systems</b>	<b>AQA:</b> 4.3.1.6–4.3.1.9, 4.4.1.1 – 4.4.1.3, 4.4.2.1–4.4.2.3, 4.5.1, 4.5.2.1, 4.5.2.4 <b>Edexcel:</b> B2.13, B2.14, B5.12–B5.14, B5.16, B5.20, B6.2–B6.6, B7.9, B8.9, B8.10, B8.12	Defence systems, vaccination, antibiotics and painkillers	Drug development and monoclonal antibodies	Photosynthesis	Respiration	Homeostasis and the nervous system	<b>C</b>	<b>C</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>D: Reproduction, DNA and genetics</b>	<b>AQA:</b> 4.5.3.1, 4.5.3.2, 4.5.3.4, 4.5.3.6, 4.6.1.1–4.6.1.5 <b>Edexcel:</b> B3.21, B3.3–B3.5, B7.1, B7.4, B7.5, B7.8, B7.13, B7.15, B7.16, B7.17	Hormonal coordination in humans	Human reproduction and contraception	Treating infertility and negative feedback	Types of reproduction and meiosis	DNA structure and the genome	<b>D</b>	<b>D</b>
<b>E: Inheritance, variation and evolution</b>	<b>AQA:</b> 4.6.1.6–4.6.1.8, 4.6.2.1–4.6.2.5, 4.6.3.1–4.6.3.7 <b>Edexcel:</b> B3.12–B3.16, B3.19, B3.20, B3.22, B3.23, B4.2, B4.3, B4.4, B4.5, B4.8, B4.10, B4.11, B4.14	Inheritance and sex determination	Genetic understanding, variation and selective breeding	Genetic engineering and cloning	Evolution and speciation	Evidence for evolution – extinction	<b>E</b>	<b>E</b>
<b>F: Ecology</b>	<b>AQA:</b> 4.6.4, 4.7.1.1–4.7.1.4, 4.7.2.1–4.7.2.4, 4.7.3.1–4.7.3.6 <b>Edexcel:</b> B4.7, B6.1, B9.1–B9.4, B9.6, B9.9, B9.10, B9.12–B9.15	Classification and communities	Adaptations, abiotic and biotic factors	Organisation, cycling of materials and decomposition	Environmental change, biodiversity and waste management	Land use, deforestation and global warming	<b>F</b>	<b>F</b>
<b>G: Cell biology, organisation and plant systems</b>	<b>AQA:</b> 4.1.3.1–4.1.3.3, 4.2.3.1, 4.2.3.2, 4.3.3.1, 4.3.3.2, 4.4.1.1–4.4.1.3, 4.5.4.1, 4.5.4.2	Transport in cells	Plant tissues, organs and systems	Plant diseases	Photosynthesis	Plant hormones	<b>G</b>	<b>G</b>

# Pearson Tutoring Programme Resources Mapping



Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
	<b>Edexcel:</b> B1.15–B1.17, B2.8, B6.2–B6.10, B6.12, B8.1–B8.3							
<b>H: Cells, genetic engineering and drug development</b>	<b>AQA:</b> 4.1.2.1–4.1.2.3, 4.3.1.6–4.3.1.9, 4.3.2.1, 4.3.2.2, 4.6.1.1–4.6.1.5 <b>Edexcel:</b> B2.1, B2.2, B2.5, B2.8, B2.9, B3.3–B3.5, B3.21, B5.12–B5.14, B5.16, B5.20	Cell division	Defence systems, vaccination, antibiotics and painkillers	Drug development and monoclonal antibodies	Types of reproduction and meiosis	DNA structure and the genome	<b>H</b>	<b>H</b>

## GCSE (9–1) Combined Science Biology (Foundation)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>A: Cell biology</b>	<b>AQA:</b> 4.1.1.1–4.1.1.5, 4.1.2.1–4.1.2.3, 4.1.3.1–4.1.3.3 <b>Edexcel:</b> B1.1–B1.6, B1.15, B1.17, B2.1, B2.2, B2.5, B2.6, B2.8, B2.9, B6.7, B6.8, B8.1–B8.3	Cell structure	Cell differentiation and specialisation	Mitosis	Stem cells	Transport in cells	<b>A</b>	<b>A</b>
<b>B: Organisation and infection</b>	<b>AQA:</b> 4.2.1, 4.2.2.1 – 4.2.2.7, 4.3.1.1–4.3.1.5 <b>Edexcel:</b> B1.7–B1.9, B1.11, B1.12, B2.4, B5.1–B5.6, B5.8, B5.24, B5.25, B7.17, B8.3, B8.6–B8.10	The digestive system	Heart and blood	Non-communicable disease	Communicable diseases 1	Communicable diseases 2	<b>B</b>	<b>B</b>
<b>C: Defence and systems in animals and plants</b>	<b>AQA:</b> 4.2.3.1, 4.2.3.2, 4.3.1.6–4.3.1.9, 4.4.1.1–4.4.1.3, 4.4.2.1–4.4.2.3, 4.6.3.7 <b>Edexcel:</b> B2.8, B5.12–B5.14, B5.16, B5.20, B6.2–B6.4, B6.6–B6.10, B6.12, B8.9, B8.10, B8.12	Defence, prevention and treatment	New cures	Plant systems	Photosynthesis	Respiration and metabolism	<b>C</b>	<b>C</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>D: Homeostasis and response, inheritance and evolution</b>	<b>AQA:</b> 4.5.2.2, 4.5.2.3, 4.5.3.1, 4.5.3.2, 4.5.3.4, 4.5.3.5, 4.6.1.6–4.6.1.8, 4.6.3.4–4.6.3.6 <b>Edexcel:</b> B3.12–B3.16, B4.3–B4.5, B7.1, B7.4–B7.7, B7.13–B7.17	The brain and eye	The endocrine system	Human reproduction	Inheritance	Evolution and extinction	<b>D</b>	<b>D</b>
<b>E: Environment, adaptation and diversity</b>	<b>AQA:</b> 4.6.4, 4.7.1, 4.7.1.2–4.7.1.4, 4.7.3.1–4.7.3.6 <b>Edexcel:</b> B4.7, B9.1–B9.4, B9.9, B9.10	Living organisms in the environment	Biotic factors and adaptations	Biodiversity and waste management	Changing landscapes and biodiversity	Global warming	<b>E</b>	<b>E</b>
<b>F: Cells, plants and photosynthesis</b>	<b>AQA:</b> 4.1.3.1–4.1.3.3, 4.2.3.1, 4.2.3.2, 4.4.1.1–4.4.1.3, 4.7.4.1–4.7.4.3, 4.7.5.1–4.7.5.4 <b>Edexcel:</b> B1.15, B1.17, B2.8, B6.2–B6.4, B6.6–B6.10, B6.12, B8.1–B8.3	Transport in cells	Plant systems	Photosynthesis	Feeding relationships	Food production	<b>F</b>	<b>F</b>
<b>G: Respiration and reproduction, inheritance, variation and evolution</b>	<b>AQA:</b> 4.4.2.1–4.4.2.3, 4.5.3.4, 4.5.3.5, 4.6.2.1–4.6.2.5, 4.6.3.1–4.6.3.3 <b>Edexcel:</b> B3.19, B3.20, B3.22, B3.23, B4.2, B4.8, B4.10, B4.11, B4.14, B7.4–B7.6, B8.9, B8.10, B8.12	Respiration and metabolism	Human reproduction	Evolution	Differences	Applied genetics	<b>G</b>	<b>G</b>
<b>H: Organisation and transport in plants and animals</b>	<b>AQA:</b> 4.1.3.1–4.1.3.3, 4.2.1, 4.2.2.1–4.2.2.3, 4.2.3.1, 4.2.3.2, 4.7.2.1–4.7.2.3	Transport in cells	The digestive system	The heart and blood	Plant systems	Feeding and cycles	<b>H</b>	<b>H</b>

# Pearson Tutoring Programme Resources Mapping



Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
	<b>Edexcel:</b> B1.7–B1.9, B1.11, B1.12, B1.15, B1.17, B2.8, B6.1, B6.7–B6.10, B6.12, B8.1–B8.3, B8.6–B8.8, B9.3, B9.6, B9.12–B9.15							

## GCSE (9–1) Combined Science Chemistry (Higher)

The table shows the contents of each Group of lessons, mapped to the specification. Some lessons may appear in more than one Group.

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>A: Atoms and the periodic table</b>	<b>AQA:</b> 4.1.1.1–4.1.1.7, 4.1.2.1–4.1.2.6 <b>Edexcel:</b> C0.1, C0.3, C1.1, C1.3–C1.5, C1.10–C1.13, C1.15, C1.17–C1.19, C2.7, C2.8, C6.1, C6.5, C6.6, C6.12, C6.14, C6.16	Atoms, elements, compounds and mixtures	The development of the atomic model and relative electrical charges	Atomic mass, relative atomic mass and electronic structure	The periodic table and its development	Groups of elements	<b>A</b>	<b>A</b>
<b>B: Bonding and metals, redox</b>	<b>AQA:</b> 4.2.1.1–4.2.1.5, 4.2.2.1–4.2.2.8, 4.2.3.1–4.2.3.3, 4.4.1.1–4.4.1.4 <b>Edexcel:</b> C1.21, C1.26–C1.28, C1.31–C1.42, C2.1, C2.4, C3.21, C4.1–C4.6	Ionic bonding and compounds	Covalent bonding and metallic bonding	The particle theory and properties of small molecules	Structure and properties	Metals, oxidation and reduction	<b>B</b>	<b>B</b>
<b>C: Quantitative chemistry</b>	<b>AQA:</b> 4.3.1.1–4.3.1.4, 4.3.2.1–4.3.2.5, 4.4.1.1–4.4.1.4, 4.4.2.1–4.4.2.6 <b>Edexcel:</b> C0.1, C1.43, C1.47–C1.53, C3.1–C3.5, C3.7, C3.8, C3.11, C3.13, C3.15, C3.16, C3.18	Chemical equations and measurements	Moles, equations and concentrations	Metals, oxidation and reduction	Acid and salts	Acids and pH	<b>C</b>	<b>C</b>
<b>D: Electrolysis, energy changes, rates of reaction</b>	<b>AQA:</b> 4.4.3.1–4.4.3.5, 4.5.1.1–4.5.1.3, 4.6.1.1–4.6.1.4, 4.6.2.1–4.6.2.7 <b>Edexcel:</b> C3.16, C3.22, C3.24, C3.25, C3.27, C3.29, C4.7, C4.13,	Electrolysis	Exothermic and endothermic reactions	Rates of reaction	Reversible reactions and equilibrium	Changing conditions	<b>D</b>	<b>D</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
	C4.17, C7.3–C7.7, C7.10–C7.12, C7.14–C7.16							
<b>E: Organic chemistry, chemical analysis and atmosphere</b>	<b>AQA:</b> 4.7.1.1–4.7.1.4, 4.7.2.1–4.7.2.4, 4.8.1.1–4.8.1.3, 4.8.2.2–4.8.2.4, 4.8.3.2–4.8.3.5, 4.9.1.1–4.9.1.4 <b>Edexcel:</b> C2.5, C2.6, C2.9, C3.12, C6.8, C8.2, C8.4, C8.5, C8.16, C8.17, C8.19, C8.21–C8.23	Crude oil and alkanes	Alkenes, alcohols and carboxylic acids	Purity, formulations and chromatography	Chemical tests	The Earth's atmosphere	<b>E</b>	<b>E</b>
<b>F: Atmosphere and resources</b>	<b>AQA:</b> 4.9.1.1–4.9.1.4, 4.9.2.1–4.9.2.4, 4.9.3.1, 4.9.3.2, 4.10.1.1–4.10.1.4, 4.10.2.1, 4.10.2.2 <b>Edexcel:</b> C2.12, C4.2, C4.8, C4.10, C4.11, C8.8–C8.13, C8.19, C8.21, C8.22, C8.24–C8.26	The Earth's atmosphere	Greenhouse gases	Atmospheric pollutants	Using the Earth's resources	Lifecycle assessments and recycling	<b>F</b>	<b>F</b>
<b>G: Particles, structure, metals and rates</b>	<b>AQA:</b> 4.1.2.3–4.1.2.6, 4.2.2.1, 4.2.2.2, 4.2.2.4–4.2.2.8, 4.2.3.1–4.2.3.3, 4.4.1.1–4.4.1.4, 4.6.1.1–4.6.1.3, 4.6.1.4 <b>Edexcel:</b> C1.18, C1.32, C1.34–C1.40, C2.1, C2.4, C4.1–C4.6, C6.1, C6.5, C6.6, C6.12, C6.14, C6.16, C7.3–C7.7	Groups of elements	The particle theory and properties of small molecules	Structures and properties	Metals, oxidation and reduction	Rates of reaction	<b>G</b>	<b>G</b>



Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>H: Periodic table, energy and rates of reaction</b>	<p><b>AQA:</b> 4.1.2.1–4.1.2.6, 4.2.1.1–4.2.1.3, 4.2.2.3, 4.5.1.1–4.5.1.3, 4.6.1.1–4.6.1.4</p> <p><b>Edexcel:</b> C1.13, C1.15, C1.17, C1.18, C1.21, C1.26–C1.28, C1.32, C1.33, C1.40, C1.42, C3.21, C6.1, C6.5, C6.6, C6.12, C6.14, C6.16, C7.3–C7.7, C7.10–C7.12, C7.14–C7.16</p>	The periodic table and its development	Groups of elements	Ionic bonding and compounds	Exothermic and endothermic reactions	Rates of reaction	<b>H</b>	<b>H</b>

## GCSE (9–1) Combined Science Chemistry (Foundation)

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Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>A: Atoms and the periodic table</b>	<b>AQA:</b> 4.1.1.1–4.1.1.7, 4.1.2.1–4.1.2.4, 4.1.2.6 <b>Edexcel:</b> C0.1, C0.3, C1.1, C1.3–C1.5, C1.10–C1.13, C1.15, C1.17–C1.19, C2.7, C2.8, C6.6, C6.12, C6.14, C6.16	Atoms, elements, compounds and mixtures	The development of the model of the atom	Subatomic particles	Development of the periodic table	Metals and non-metals	<b>A</b>	<b>A</b>
<b>B: Metals and bonding</b>	<b>AQA:</b> 4.1.2.3–4.1.2.6, 4.1.3.1, 4.1.3.2, 4.2.1.1–4.2.1.5, 4.2.2.1, 4.2.2.3, 4.2.2.4, 4.2.2.7, 4.2.2.8 <b>Edexcel:</b> C1.18, C1.21, C1.26–C1.28, C1.31–C1.34, C1.40–C1.42, C2.1, C2.4, C3.21, C6.1, C6.5, C6.6, C6.12, C6.14, C6.16	Metals and non-metals	Metals	Ionic bonding	Covalent bonding	Metallic bonding	<b>B</b>	<b>B</b>
<b>C: Chemical bonds, equations and reactivity of metals</b>	<b>AQA:</b> 4.2.1.4, 4.2.2.1, 4.2.2.2, 4.2.2.4, 4.2.2.6, 4.2.3.1–4.2.3.3, 4.3.1.1–4.3.1.4, 4.4.1.1–4.4.1.3 <b>Edexcel:</b> C1.28, C1.31, C1.34, C1.35, C1.37, C1.38, C1.41, C1.43, C1.47, C2.1, C2.4, C4.1, C4.3–C4.6	Covalent bonding	Structure and bonding of carbon	Conservation of mass and balanced equations	Reactivity of metals 1	Reactivity of metals 2	<b>C</b>	<b>C</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>D: Acid reactions and electrolysis</b>	<b>AQA:</b> 4.3.2.5, 4.4.2.1–4.4.2.5, 4.4.3.1–4.4.3.4 <b>Edexcel:</b> C1.49, C3.1–C3.3, C3.5, C3.7, C3.11, C3.13–C3.16, C3.18, C3.22, C3.24, C3.25, C4.7	Reactions of acids	Making soluble salts	Titration	Electrolysis of molten compounds	Electrolysis of aqueous solutions	<b>D</b>	<b>D</b>
<b>E: Rates of reaction and energy changes</b>	<b>AQA:</b> 4.2.1.5, 4.2.2.1, 4.2.2.7, 4.2.2.8, 4.5.1.1, 4.5.1.2, 4.6.1.1–4.6.1.4, 4.6.2.1–4.6.2.3 <b>Edexcel:</b> C1.40, C2.1, C2.4, C4.13, C7.3–C7.7, C7.10,, C7.11, C7.15, C7.16	Metallic bonding	Exothermic and endothermic reactions	Reactions and graphs	Collision theory and activation energy	Reversible reactions and dynamic equilibrium	<b>E</b>	<b>E</b>
<b>F: Organic chemistry and chemical analysis</b>	<b>AQA:</b> 4.1.1.2, 4.2.2.2, 4.3.1.1–4.3.1.4, 4.7.1.1–4.7.1.4, 4.7.2.1, 4.7.2.2, 4.8.1.1–4.8.1.3, 4.8.2.1–4.8.2.4, 4.8.3.1–4.8.3.7 <b>Edexcel:</b> C1.43, C1.47, C2.7–C2.9, C3.12, C6.8, C8.2, C8.4, C8.5, C8.16, C8.17, C8.23	Conservation of mass and balanced equations	Carbon compounds as fuels	Alkenes	Purity, formulations and chromatography	Identification of common gases and ions	<b>F</b>	<b>F</b>
<b>G: Atmosphere and using resources</b>	<b>AQA:</b> 4.9.1.1–4.9.1.4, 4.9.2.1–4.9.2.4, 4.9.3.1, 4.9.3.2, 4.10.1.1–4.10.1.3, 4.10.2.1, 4.10.2.2, 4.10.3.1–4.10.3.3 <b>Edexcel:</b> C2.12, C2.4, C4.10–C4.12, C8.8–	Earth's atmosphere	Greenhouse gases	Atmospheric pollutants	Obtaining potable water	Materials, life cycle assessment and recycling	<b>G</b>	<b>G</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
	C8.13, C8.19, C8.21, C8.22, C8.24–C8.26							
<b>H: Metals: bonding and reactions</b>	<b>AQA:</b> 4.1.2.5, 4.1.3.1, 4.1.3.2, 4.2.1.1–4.2.1.3, 4.2.1.5, 4.2.2.1–4.2.2.3, 4.2.2.7, 4.2.2.8, 4.4.1.1–4.4.1.3 <b>Edexcel:</b> C1.21, C1.26–C1.28, C1.32, C1.33, C1.40, C1.42, C2.1, C2.4, C3.21, C4.1, C4.3–C4.6, C6.1	Metals	Ionic bonding	Metallic bonding	Reactivity of metals 1	Reactivity of metals 2	<b>H</b>	<b>H</b>

## GCSE (9–1) Combined Science Physics (Higher)

The table shows the contents of each Group of lessons, mapped to the curriculum. Some lessons may appear in more than one Group.

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>A: Electricity and electro-magnetism</b>	<b>AQA:</b> 4.2.1.1–4.2.1.4, 4.2.2, 4.2.3.1, 4.2.3.2, 4.2.4.1–4.2.4.3, 4.7.2.1–4.7.2.4, 4.7.3.1–4.7.3.4 <b>Edexcel:</b> P10.2–P10.13, P10.18–P10.24, P10.27–P10.30	Current, potential difference and resistance	Resistors and series and parallel circuits	The domestic electricity supply	Electro-magnetism	Electromagnetic induction	<b>A</b>	<b>A</b>
<b>B: Energy stores, systems and resources</b>	<b>AQA:</b> 4.1.1.1–4.1.1.4, 4.1.2.1, 4.1.2.2, 4.13, 4.5.1.1, 4.5.1.2, 4.5.2, 4.5.6.1.1, 4.5.6.3.1 <b>Edexcel:</b> P2.1–P2.4, P2.28, P3.1–P3.14, P8.1, P8.3–P8.7, P8.10, P8.12–P8.14	Stores and systems	Power and efficiency	Energy resources	Motion	Work and energy	<b>B</b>	<b>B</b>
<b>C: Atomic structure and radiation</b>	<b>AQA:</b> 4.4.1.1–4.4.1.3, 4.4.2.1, 4.4.2.2, 4.4.2.3, 4.4.2.4, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.4.4.1, 4.4.4.2 <b>Edexcel:</b> P6.1–P6.16, P6.18–P6.23, P6.25–P6.29, P6.31, P6.32	Putting and atom together	Radioactivity	Decay and half-life	Radiation around us	Fission and fusion	<b>C</b>	<b>C</b>
<b>D: Forces and power</b>	<b>AQA:</b> 4.1.1.4, 4.1.2.2, 4.5.1.1, 4.5.1.2, 4.5.1.3, 4.5.2, 4.5.3, 4.5.4, 4.5.6.1.1, 4.5.6.3.1 <b>Edexcel:</b> P2.1–P2.4, P2.28, P3.8, P3.9,	Motion	Gravity and elasticity	Power and efficiency	Work and energy	Turning moments	<b>D</b>	<b>D</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
	P3.11–P3.14, P8.5–P8.7, P8.10, P8.12–P8.14, P9.1, P9.2, P9.10, P15.1–P15.5							
<b>E: Newton, momentum and waves</b>	<b>AQA:</b> 4.5.6.2.1–4.5.6.2.3, 4.5.7.1–4.5.7.3, 4.6.1.1–4.6.1.5, 4.6.2.1, 4.6.2.2 <b>Edexcel:</b> P2.14–P2.18, P2.22–P2.26, P4.1–P4.7, P4.10, P4.11, P5.7, P5.8, P5.10–P5.14	Newton’s Laws of Motion	Momentum	Properties of waves	Waves in our world	Electromagnetic waves	<b>E</b>	<b>E</b>
<b>F: Matter and light</b>	<b>AQA:</b> 4.3.2.2, 4.3.2.3, 4.3.3.1–4.3.3.3, 4.6.2.3–4.6.2.6 <b>Edexcel:</b> P5.20–P5.24, P14.7–P14.10, P14.12–P14.15	Temperature matters	Particles and pressure	Wave production and detection	How electromagnetic radiation is used	Lenses	<b>F</b>	<b>F</b>
<b>G: Energy and motion</b>	<b>AQA:</b> 4.1.1.4, 4.1.2.2, 4.5.1.1, 4.5.1.2, 4.5.2, 4.5.6.1.1, 4.5.6.2.1, 4.5.6.2.2, 4.5.6.2.3, 4.5.6.3.1, 4.5.7.1–4.5.7.3 <b>Edexcel:</b> P2.1–P2.4, P2.14–P2.18, P2.22–P2.26, P2.28, P3.8, P3.11–P3.14, P8.5–P8.7, P8.10, P8.12–P8.14, P9.1, P9.2	Power and efficiency	Motion	Work and energy	Newton’s Laws of Motion	Momentum	<b>G</b>	<b>G</b>

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>H: Energy, motion, gravity and work</b>	<b>AQA:</b> 4.1.1.1–4.1.1.3, 4.1.2.1, 4.5.1.1–4.5.1.3, 4.5.2, 4.5.3, 4.5.4, 4.5.6.1.1, 4.5.6.3.1 <b>Edexcel:</b> P2.1–P2.4, P2.28, P3.1–P3.7, P3.9, P3.10, P8.1, P8.3, P8.5–P8.7, P9.1, P9.2, P9.10	Stores and systems	Motion	Gravity and elasticity	Work and energy	Turning moments	<b>H</b>	<b>H</b>

## GCSE (9–1) Combined Science Physics (Foundation)

The table shows the contents of each Group of lessons, mapped to the curriculum. Some lessons may appear in more than one Group.

Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>A: Electricity and electro-magnetism</b>	<b>AQA:</b> 4.2.1.1–4.2.1.4, 4.2.2, 4.2.3.1, 4.2.3.2, 4.2.4.1–4.2.4.3, 4.7.2.1 <b>Edexcel:</b> P10.2–P10.13, P10.18–P10.24, P10.27–P10.42, P12.7–P12.9	Electric circuits	Current, resistance and potential difference	Series and parallel circuits	Electrical energy and power	Electro-magnetism	<b>A</b>	<b>A</b>
<b>B: Particle model, atomic structure and isotopes</b>	<b>AQA:</b> 4.3.1.1, 4.3.1.2, 4.3.2.1–4.3.2.3, 4.3.3.1, 4.3.3.2, 4.4.1.1–4.4.1.3, 4.4.2.1 <b>Edexcel:</b> P6.1–P6.11, P6.14–P6.16, P14.1, P14.2, P14.4–P14.10, P14.12–P14.15	Particle model of matter	Internal energy and energy transfers	The particle model and gas pressure	Atomic structure	Radioactivity	<b>B</b>	<b>B</b>
<b>C: Radioactivity</b>	<b>AQA:</b> 4.4.1.1–4.4.1.3, 4.4.2.1–4.4.2.3, 4.4.3.2 <b>Edexcel:</b> P6.1–P6.11, P6.14–P6.16, P6.18–P6.23, P6.25–P6.27	Atomic structure	Radioactivity	Nuclear equations	Radioactive decay and half-life	Half-life of a radioactive source	<b>C</b>	<b>C</b>
<b>D: Energy and particles</b>	<b>AQA:</b> 4.1.1.1–4.1.1.4, 4.1.2.1, 4.1.2.2, 4.1.3, 4.3.1.1, 4.3.1.2, 4.3.2.1–4.3.2.3, 4.3.3.1, 4.3.3.2 <b>Edexcel:</b> P3.1–P3.14, P6.17, P8.1, P8.3, P8.4, P8.10, P8.12–P8.14, P14.1, P14.2, P14.4–P14.10, P14.12–P14.15	Energy changes in a system	Power and efficiency	Particle model of matter	Internal energy and energy transfers	The particle model and gas pressure	<b>D</b>	<b>D</b>



Lesson Group	Specification coverage (AQA / Edexcel)	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Pre-Test	Post-Test
<b>E: Forces and motion</b>	<b>AQA:</b> 4.1.1.2, 4.1.1.3, 4.5.1.1–4.5.1.4, 4.5.2, 4.5.3, 4.5.6.1.1–4.5.6.1.5 <b>Edexcel:</b> P2.1–P2.4, P2.7–P2.11, P2.13, P2.20, P2.21, P3.1, P3.2, P8.4–P8.7, P9.1–P9.5, P15.1–P15.5	Forces	Work done and energy transfer	Forces and elasticity	Motion along a line	Graphs of motion	<b>E</b>	<b>E</b>
<b>F: Electro-magnetic waves and lenses</b>	<b>AQA:</b> 4.5.6.3.1–4.5.6.3.4, 4.6.1.1–4.6.1.3, 4.6.2.1–4.6.2.4 <b>Edexcel:</b> P2.27–P2.31, P4.1–P4.7, P4.10, P4.11, P5.7, P5.8, P5.10–P5.14, P5.20–P5.24	Stopping safely	Describing waves	Electromagnetic waves	Emission and absorption of electromagnetic waves	Uses and applications of electromagnetic waves	<b>F</b>	<b>F</b>
<b>G: Work and forces</b>	<b>AQA:</b> 4.1.1.1–4.1.1.4, 4.1.2.1, 4.1.2.2, 4.1.3, 4.5.1.1–4.5.1.4, 4.5.2, 4.5.6.1.1–4.5.6.1.3 <b>Edexcel:</b> P2.1–P2.5, P2.20, P31–P3.14, P8.1, P8.3–P8.7, P8.10, P8.12–P8.14, P9.1–P9.5	Energy changes in a system	Power and efficiency	Forces	Work done and energy transfer	Motion along a line	<b>G</b>	<b>G</b>
<b>H: Electrical energy and motion</b>	<b>AQA:</b> 4.1.1.2, 4.1.1.3, 4.2.3.1, 4.2.3.2, 4.2.4.1–4.2.4.3, 4.5.1.1–4.5.1.4, 4.5.2, 4.5.6.1.1–4.5.6.1.5 <b>Edexcel:</b> P2.1–P2.5, P2.7–P2.10, P2.13, P2.20, P2.21, P3.1, P3.2, P8.4–P8.7, P9.1–P9.5, P10.27–P10.42	Electrical energy and power	Forces	Work done and energy transfer	Motion a long a line	Graphs of motion	<b>H</b>	<b>H</b>