

Manchester Hospital School
Long Term Plan

Leo Kelly School and Galaxy House
Topics will be adapted depending on the needs of the pupils

Science

Please see knowledge and skills sequence of learning for further information relating to programmes of study

→ Progression →

<p>AQA Trilogy Science</p> <p>11</p> <p>Chemistry Physics Biology</p>	<p>Genetics and evolution</p> <p>B12 Reproduction B13 Variation and evolution B14 Genetics and evolution</p>	<p>Forces in action</p> <p>P8 Forces in Balance P9 Motion P10 Forces and motion</p>	<p>Rates, equilibrium and organic chemistry</p> <p>C8 Rates and equilibrium C9 Crude oil and fuels</p>	<p>Ecology</p> <p>B15 Adaptations, interdependence and competition B16 Organising an ecosystem B17 Biodiversity and ecosystems</p>	<p>Waves, electromagnetism and space</p> <p>P11 Wave properties P12 Electromagnetic waves P13 Electromagnetism</p>	<p>Analysis and the Earth's resources</p> <p>C10 Chemical analysis C11 The earth's atmosphere C12 The earth's resources</p>
<p>AQA Trilogy Science</p> <p>10</p> <p>Chemistry Physics Biology</p>	<p>Cells and organisation</p> <p>B1 Cell structure and transport B2 Cell division B3 Organisation and the digestive system B4 Organising plants and animals</p>	<p>Energy and energy resources</p> <p>P1 Conservation and dissipation of energy P2 Energy transfer by heating P3 Energy resources</p>	<p>Atoms, bonding and moles</p> <p>C1 Atomic structure C2 Periodic table C3 Structure and bonding C4 Chemical calculations</p>	<p>Disease and bioenergetics</p> <p>B5 Communicable disease B6 Preventing and printing disease B7 Non-communicable disease B8 Photosynthesis B9 Respiration</p>	<p>Particles at work</p> <p>P4 Electric circuits P5 Electricity in the home P6 Molecules and matter P7 Radioactivity</p>	<p>Chemical reactions and energy changes</p> <p>C5 Chemical changes C6 Electrolysis C7 Energy changes</p> <p><i>B10 The human nervous system B11 Hormonal coordination</i></p>
<p>AQA GCSE Biology</p>	<p>Cells and organisation</p> <p>B1 Cell structure and transport B2 Cell division B3 Organisation and the digestive system</p>	<p>Disease and bioenergetics</p> <p>B5 Communicable disease B6 Preventing and printing disease</p>	<p>Biological responses</p> <p>B10 The human nervous system B11 Hormonal coordination</p>	<p>Genetics and evolution</p> <p>B13 Reproduction B14 Variation and evolution B15 Genetics and evolution</p>	<p>Ecology</p> <p>B16 Adaptations, interdependence and competition B17 Organising an ecosystem B18 Biodiversity and ecosystems</p>	<p>Revision and Exam preparation</p>

	B4 Organising plants and animals	B7 Non-communicable disease B8 Photosynthesis B9 Respiration	B12 Homeostasis in action			
KS3 Cycle B	Health and lifestyle The periodic table	Electricity and magnetism Biological processes	Separation techniques Energy	Eco-systems and adaptation Metals and other materials	Motion and pressure Inheritance	The Earth
KS3 Cycle A	Cells Particle behaviour	Forces Body systems	Atoms, elements & compounds Sound	Reproduction in plants and animals Reactions	Light Acids and Alkalis	Space