



## New Woodlands School Secondary Science Programme of Study

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<b>FORCES</b> – Speed  <b>ENERGY</b> Energy Costs  <b>Black History Month</b>	<b>ELECTROMAGNETS</b> Voltage and Resistance	<b>WAVES</b> Sound	<b>MATTER</b> Particle Model  <b>REACTIONS</b> – Metals and Non-Metals  <b>British Science Week</b> 10-19 March 2023	<b>EARTH</b> – Earth Structure  <b>ORGANISMS</b> – Movement	<b>ECOSYSTEM</b> – Interdependence  <b>GENES</b> – Variation
8	<b>FORCES</b> Gravity  <b>ENERGY</b> – Energy Transfer  <b>Black History Month</b>	<b>ELECTROMAGNETS</b> Current	<b>WAVES</b> – Light	<b>MATTER</b> – Separating Mixtures  <b>REACTIONS</b> – Acids and Alkalis  <b>British Science Week</b> 10-19 March 2023	<b>EARTH</b> - Universe  <b>ORGANISMS</b> - Cells	<b>ECOSYSTEM</b> – Plant Reproduction  <b>GENES</b> – Human Reproduction

9	<p><b>FORCES</b> Contact Forces and Pressure</p> <p><b>ENERGY</b> – Heating and Cooling</p> <p><b>Black History Month</b></p>	<p><b>ELECTROMAGNETS</b> Electromagnets and Magnets</p>	<p><b>WAVES</b> – Wave Effects and Properties</p>	<p><b>MATTER</b> – Periodic Table / Elements British Science Week 11-20 March 2022</p> <p><b>REACTIONS</b> – Chemical Energy / Types of Energy</p> <p><b>British Science</b> <b>Week</b> 10-19 March 2023</p>	<p><b>EARTH</b> – Climate/ Earth Resources</p> <p><b>ORGANISMS</b> – Breathing / Digestion</p>	<p><b>ECOSYSTEM</b> – Respiration / Photosynthesis</p> <p><b>GENES</b> – Evolution / Inheritance</p>

#### Key stage 4

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	<p>AQA ELC SCIENCE BIOLOGY <b>Component 1: The Human Body</b></p> <p><b>Black History Month</b></p>	<p>AQA ELC SCIENCE BIOLOGY <b>Component 1: The Human Body</b></p> <p>Teacher Devised Assignment (TDA)</p> <p>Assessment</p>	<p>AQA ELC SCIENCE CHEMISTRY <b>Component 3: Chemistry: Elements, Mixtures and Compounds</b></p>	<p>AQA ELC SCIENCE CHEMISTRY <b>Component 3: Chemistry: Elements, Mixtures and Compounds</b></p> <p>Teacher Devised Assignment (TDA)</p> <p>Assessment</p>	<p>AQA ELC SCIENCE PHYSICS <b>Component 5: Energy, Forces and the Structure of Matter</b></p>	<p>AQA ELC SCIENCE PHYSICS <b>Component 5: Energy, Forces and the Structure of Matter</b></p> <p>Teacher Devised Assignment (TDA)</p> <p>Assessment</p>

				<b>British Science Week</b> 10-19 March 2023		
11	AQA ELC SCIENCE BIOLOGY <b>Component 2: Biology: Environment, Evolution and Inheritance</b>  Black History Month	AQA ELC SCIENCE BIOLOGY <b>Component 2: Biology: Environment, Evolution and Inheritance</b>  Teacher Devised Assignment (TDA)  Assessment	AQA ELC SCIENCE CHEMISTRY <b>Component 4: Chemistry in our World</b>	AQA ELC SCIENCE CHEMISTRY <b>Component 4: Chemistry in our World</b>  Teacher Devised Assignment (TDA)  Assessment  <b>British Science Week</b> 10-19 March 2023	AQA ELC SCIENCE PHYSICS <b>Component 6: Electricity, Magnetism and Waves</b>	AQA ELC SCIENCE PHYSICS <b>Component 6: Electricity, Magnetism and Waves</b>  Teacher Devised Assignment (TDA)  Assessment