

## Court School Longterm Overview: Science

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Values	 <b>Respect &amp; Resilience</b>		 <b>Health &amp; Happiness</b>		 <b>Kindness &amp; Independence</b>	
	<b>Respect</b>	<b>Resilience</b>	<b>Health</b>	<b>Happiness</b>	<b>Kindness</b>	<b>Independence</b>
<b>LKS2A</b>	<b>Biology</b> Skeletons & Movement	<b>Biology</b> Nutrition & Diet & Food Waste	<b>Chemistry</b> Soils, Rocks & Fossils	<b>Physics</b> Light	<b>Biology</b> Plants A&B Sustainability: Biodiversity	<b>Physics</b> Forces Physics: Magnets
<b>LKS2B</b>	<b>Biology</b> Group & Classify Living Things Biology: Data Collection A	<b>Chemistry</b> States of Matter	<b>Physics</b> Sound Biology: Data Collection B	<b>Physic</b> Electricity Sustainability: Energy	<b>Biology</b> Habitats Biology: Data Collection C Sustainability: Deforestation	<b>Biology</b> The Digestive Sysytem Biology: Food Chains
<b>UKS2A</b>	<b>Physics</b> Forces	<b>Physics</b> Earth Sustainability: Global; Warming	<b>Chemistry</b> Properties of Materials	<b>Biology</b> Animals including Humans	<b>Biology</b> Reproduction A	<b>Biology</b> Reproduction B
<b>UKS2B</b>	<b>Biology</b> Living Things & Their Habitats	<b>Physics</b> Light Sustainability Light Pollution	<b>Physics</b> Electricity Sustainability Renewable Energy	<b>Biology</b> The Circulatory System Diet, Drugs & Lifestyle	<b>Biology</b> Variation & Adaptations	<b>Biology</b> Fossils Theme to be released
<b>Year 7</b>	<b>Chemistry</b> Matter as Particles Biology: Cells	<b>Physics</b> Forces Chemistry: Separation	<b>Physics</b> Magnetism <b>Chemistry</b> Chemical Reactions <b>Physics</b> Space	<b>Chemistry</b> Acids & Alkalis <b>Biology</b> Digestion & Health	<b>Biology</b> Gas Exchange <b>Physics</b> Speed	<b>Biology</b> Reproduction <b>Physics</b> Waves
<b>Year 8</b>	<b>Chemistry</b> The Periodic Table <b>Physics</b> Charge and Electrical Current <b>Biology</b> Transport Systems	<b>Physics</b> Energy & Power <b>Chemistry</b> Energetics	<b>Physics</b> Light <b>Chemistry</b> Reactions of Metals	<b>Physics</b> Density & Pressure <b>Biology</b> Bioenergetics	<b>Biology</b> Coordination <b>Physics</b> Electrical Circuits <b>Biology</b> Genetics	<b>Chemistry</b> Reactivity <b>Biology</b> Interdependence
<b>Year 9</b>	<b>Biology</b> Respiration Physics; Heating & Cooling	<b>Chemistry</b> Earth & the Atmosphere <b>Physics</b>	<b>Biology</b> Variation <b>Biology</b>	<b>Physics:</b> Electromagnetism <b>Chemistry</b>	<b>Physics</b> Forces <b>Chemistry</b>	<b>Biology</b> Cell Transport Transport in Organisms

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		Engineering	Cells	Atoms	Bonding	
<b>Year 10A GCSE Biology</b>	The Nature and Variety of Organisms	Blood and Organs	DNA and Inheritance	Human Nutrition	Plant Nutrition and Transport	Ecology and Environment
<b>Year 10A GCSE Chemistry</b>	Particles and Mixtures	Periodic Table and Bonding	Group 1, 7, 0 and Atmospheric Gases	Rate of Reaction and Energetics	Inorganic Chemistry	Hydrocarbons
<b>Year 10A GCSE Physics</b>	Astrophysics	Waves	Forces and Motion	Solids, Liquids and Gases	Electricity	Energy Resources
<b>Year 10A BTEC Applied Science Introductory</b>	<b>Unit A1</b> Being Organised	<b>Unit A SC12</b> Investigating Crime Scene Evidence	<b>Unit A2</b> Developing a Personal Progression Plan	<b>Unit A SC6</b> Planning a Scientific Experiment	<b>Unit A SC7</b> Investigating Variations in Plants and Animals	<b>Unit A SC10</b> Making a Chemical Product
<b>Year 11B GCSE Biology</b>	Respiration and Gas Exchange	Reproduction	Use of Biological Resources	Revision and Past Papers	Revision and IGCSE Exams	Revision and IGCSE Exams
<b>Year 11 Chemistry GCSE B</b>	Alcohols, Acids and Polymers	Equations and Calculations	Electrolysis and Qualitative Tests	Revision and Past Papers	Revision and IGCSE Exams	Revision and IGCSE Exams
<b>Year 11 Physics GCSE B</b>	Radioactivity and Particles	Energy Transfers	Magnetism and Electromagnetism	Revision and Past Papers	Revision and IGCSE Exams	Revision and IGCSE Exams
<b>Year 11 BTEC B</b>	<b>Unit A Sc3</b> Working with Others	<b>Unit A Sc9</b> Practical Actions to Protect the Environment	<b>Unit A4</b> Researching a Topic	<b>Unit ASc11</b> Testing the Properties of Products	<b>Unit ASc13</b> Exploring Biology	<b>Unit ASc14</b> Chemistry
<b>BTEC Level 1 &amp; 2 Applied Science Year A</b>	1 Principles of Science	2 Chemistry & Our Earth	3 Energy & Our Universe	4 Biology & our Environment	15 Investigating a Crime Scene	13 Monitoring the Environment
<b>BTEC Level 1 &amp; 2 Applied Science Year B</b>	8 Scientific Skills	6 Applications of Physical Science	7 Health Applications of Life Science	5 Applications of Chemical Substance	12 The Living Body	9 Practical Scientific Project