

## SCIENCE

### KS3 SCIENCE

	TERM 1	TERM 2	TERM 3
Year 7	<b>CONTENT</b> Introduction: Becoming a Scientist Cells Particles	<b>CONTENT</b> Forces Structure and Function of the Body Elements, Atoms and Compounds	<b>CONTENT</b> Biological Processes Light Space
Year 8	<b>CONTENT</b> Processes of Life Waves Acids and Alkalis AND the Periodic Table	<b>CONTENT</b> Electricity and Magnetism Reproduction and Inheritance	<b>CONTENT</b> Mission to Mars KS4 Skills
	<b>ASSESSMENTS</b> <ul style="list-style-type: none"> <li>Standardised Tests which can monitor progress</li> <li>Homework Assessments</li> <li>Required Practical Write-ups</li> </ul>	<b>ASSESSMENTS</b> <ul style="list-style-type: none"> <li>Standardised Tests which can monitor progress</li> <li>Homework Assessments</li> <li>Required Practical Write-ups</li> </ul>	<b>ASSESSMENTS</b> <ul style="list-style-type: none"> <li>Standardised Tests which can monitor progress</li> <li>Homework Assessments</li> <li>Required Practical Write-ups</li> <li>End of Year exam</li> </ul>
	<b>HOW PARENTS CAN SUPPORT LEARNING</b>  Ensuring your child completes homework and brings the correct equipment to every lesson  Ensuring your child is able to access Google classroom and Kerboodle	<b>HOW PARENTS CAN SUPPORT LEARNING</b>  Ensuring your child completes homework and brings the correct equipment to every lesson  Ensuring your child is able to access Google classroom and Kerboodle	<b>HOW PARENTS CAN SUPPORT LEARNING</b>  Ensuring your child completes homework and brings the correct equipment to every lesson  Ensuring your child is able to access Google classroom and Kerboodle

**GCSE SCIENCE – AQA Trilogy 8464 /Separate Sciences (Biology 8461, Chemistry 8462, Physics 8463)**

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Year 9	<p><b>CONTENT</b>                      Cell Structure and Transport                      Atomic Structure and The Periodic Table                      Particle Model Matter</p>	<p><b>CONTENT</b>                      Enzymes and Digestion                      Chemistry of the Atmosphere</p>	<p><b>CONTENT</b>                      Biodiversity                      Transpiration and Translocation</p>
Year 10	<p><b>CONTENT</b>                      Bioenergetics, Photosynthesis, Respiration                      Cell Division and Reproduction                      Circulatory System                      Structure and Bonding                      Mixtures and Equations                      Electricity                      Atomic Structure and Radiation</p>	<p><b>CONTENT</b>                      Non communicable Diseases                      Communicable Diseases                      Organisation of Ecosystems                      Treating Disease                      Acids and Metals                      Electrolysis                      Nuclear Fission (Triple)                      Forces</p>	<p><b>CONTENT</b>                      Organisation of the Ecosystem                      Biodiversity                      Organic Chemistry                      Chemistry of the Atmosphere                      Using Resources                      Forces                      Waves                      Electromagnetism (Triple do Space first)</p>
YEAR 11	<p><b>CONTENT</b>                      Food production (for triple)                      Homeostasis                      Energy changes                      Chemistry Triple content                      Reaction rates                      Reversible Reactions                      Dynamic Equilibrium                      Waves                      Electromagnetism</p>	<p><b>CONTENT</b>                      DNA, Inheritance and Biotechnology                      Evolution and Change                      Moles Triple content                      Alcohols and Amino Acids – Triple Content                      Chemical Analysis (Triple Content)                      Chemistry Practical Review                      Chemistry Exam Technique                      Space (Triple)</p>	<p><b>CONTENT</b>                      Evolution and Change                      Practical review                      Revision Techniques                      Exam Question Practice</p>
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