

## SCIENCE

### KS3 SCIENCE

	TERM 1	TERM 2	TERM 3
Year 7	<b>CONTENT</b> Introduction: Becoming a Scientist Particles and Separating techniques Energy	<b>CONTENT</b> Cells, tissues and organ systems Chemistry Fundamentals Forces	<b>CONTENT</b> Forces Health Key Skills
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                      Energy</p>	<p><b>CONTENT</b>                      Enzymes and Digestion                      Chemistry of the Atmosphere                      Particle Model of Matter</p>	<p><b>CONTENT</b>                      Photosynthesis                      Plant Transport</p>
Year 10	<p><b>CONTENT</b>                      Respiration                      Cell Division and Reproduction                      Mixtures and Equations                      Acids and Metals                      Electricity                      Atomic Structure and Radiation</p>	<p><b>CONTENT</b>                      Circulatory System                      Non communicable Diseases                      Communicable Diseases                      Treating Disease                      Acids and Metals                      Electrolysis                      Organic Chemistry                      Forces</p>	<p><b>CONTENT</b>                      Organisation of the Ecosystem                      Biodiversity                      Organic Chemistry                      Chemistry of the Atmosphere                      Using Resources                      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                      Forces</p>	<p><b>CONTENT</b>                      DNA, Inheritance and Biotechnology                      Evolution and Change                      Moles                      Chemistry Practical Review                      Chemistry Exam Technique                      Chemistry Triple content                      Electromagnetism                      Nuclear Fission, Fusion and Space (set 1 only)</p>	<p><b>CONTENT</b>                      Evolution and Change                      Transition Metals (set 1 only)                      Chemical Analysis (set 1 only)                      Practical review                      Revision Techniques                      Exam Question Practice</p>
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