

## SCIENCE

### KS3 SCIENCE

|        | TERM 1   | TERM 2   | TERM 3   |
|--------|--|--|--|
| Year 7 | <b>CONTENT</b><br>Introduction to science Cells<br>Particles<br>Waves  | <b>CONTENT</b><br>Health<br>Chemistry Basics<br>Separating Techniques  | <b>CONTENT</b><br>Revision Techniques<br>Forces  |
| Year 8 | <b>CONTENT</b><br>Process of Life<br>Electricity and Magnetism<br>Acids and Alkalis AND the Periodic Table   | <b>CONTENT</b><br>Acids and Alkalis AND the Periodic Table<br>Energy<br>Reproduction and Inheritance   | <b>CONTENT</b><br>Revision Techniques<br>Making a Salt<br>Space  |
|        | <b>ASSESSMENTS</b> <ul style="list-style-type: none"> <li>Standardised Tests which can monitor progress</li> <li>Homework Assessments</li> </ul>   | <b>ASSESSMENTS</b> <ul style="list-style-type: none"> <li>Standardised Tests which can monitor progress</li> <li>Homework Assessments</li> </ul>   | <b>ASSESSMENTS</b> <ul style="list-style-type: none"> <li>Standardised Tests which can monitor progress</li> <li>Homework Assessments</li> <li>End of Year exam</li> </ul>                                       |
|        | <b>HOW PARENTS CAN SUPPORT LEARNING</b><br><br>Ensuring your child completes homework and brings the correct equipment to every lesson<br><br>Ensuring your child is able to access moodle, kerboodle and doddle . | <b>HOW PARENTS CAN SUPPORT LEARNING</b><br><br>Ensuring your child completes homework and brings the correct equipment to every lesson<br><br>Ensuring your child is able to access moodle, kerboodle and doddle | <b>HOW PARENTS CAN SUPPORT LEARNING</b><br><br>Ensuring your child completes homework and brings the correct equipment to every lesson<br><br>Ensuring your child is able to access moodle, kerboodle and doddle |

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

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|---------|---|---|--|
| Year 9  | <p><b>CONTENT</b></p> <p>Atomic Structure and The Periodic Table<br/>Cell Structure and Function<br/>Molecules and Matter<br/>Structure and Bonding</p>   | <p><b>CONTENT</b></p> <p>Structures and Bonding<br/>Organisation of the Ecosystem<br/>Energy<br/>Enzymes and Digestion</p>  | <p><b>CONTENT</b></p> <p>Enzymes and Digestion<br/>Revision skills<br/>Sampling<br/>Respiration</p>  |
| Year 10 | <p><b>CONTENT</b></p> <p>Photosynthesis<br/>Circulatory System and Transpiration<br/>Mixtures and Equations<br/>Acids and Metals<br/>Energy<br/>Electricity</p>   | <p><b>CONTENT</b></p> <p>Cell Division and Reproduction<br/>Non communicable Diseases<br/>Homeostasis<br/>Acids and Metals<br/>Electrolysis<br/>Atomic Structure<br/>Hooke’s Law, acceleration, momentum<br/>Waves</p>                                  | <p><b>CONTENT</b></p> <p>Homeostasis<br/>Biodiversity<br/>Organic Chemistry<br/>Chemistry of the Atmosphere<br/>Using Resources<br/>Waves<br/>Electromagnetism</p>   |
| YEAR 11 | <p><b>CONTENT</b></p> <p>Communicable Diseases<br/>Preventing and Treating Disease<br/>Biodiversity/Sampling, Cycling and Food production<br/>Using resources<br/>Energy<br/>Chemistry Triple content<br/>Reaction rates<br/>Forces</p> | <p><b>CONTENT</b></p> <p>DNA Inheritance and Biotechnology<br/>Evolution and Change<br/>Reversible Reactions<br/>Dynamic equilibrium and Moles<br/>Chemistry Triple content<br/>Electromagnetism<br/>Nuclear Fission, Fusion and Space (set 1 only)</p> | <p><b>CONTENT</b></p> <p>Evolution and Change ( Double science only)<br/>Food Production (Set 1 only)<br/>Transition Metals (set 1 only)<br/>Chemical Analysis (set 1 only)<br/>Revision Techniques<br/>Exam Question Practice</p> |
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