

## Year 11 Exams – Science

Year 11 students will sit 6 exams in summer. The exam board is AQA. [Science | Subjects | AQA](#)

Combined Science students: each paper will be 1 hour 15 minutes.

Separate (Triple) Science students: each paper will be 1 hour 45 minutes.

| AQA GCSE Combined Science Revision Checklist |                                                                                                                                                                                   |              |  |  |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|--|
| Biology                                      |                                                                                                                                                                                   |              |  |  |
| Cell Biology – Biology Paper 1               |                                                                                                                                                                                   | Date revised |  |  |
| Cell Structure                               | <a href="https://mmerevise.co.uk/gcse-biology-revision/cell-structure/">https://mmerevise.co.uk/gcse-biology-revision/cell-structure/</a>                                         |              |  |  |
| Differentiation and Specialisation           | <a href="https://mmerevise.co.uk/gcse-biology-revision/differentiation-and-specialisation/">https://mmerevise.co.uk/gcse-biology-revision/differentiation-and-specialisation/</a> |              |  |  |
| Microscopy                                   | <a href="https://mmerevise.co.uk/gcse-biology-revision/microscopy/">https://mmerevise.co.uk/gcse-biology-revision/microscopy/</a>                                                 |              |  |  |
| Cell Division                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/cell-division/">https://mmerevise.co.uk/gcse-biology-revision/cell-division/</a>                                           |              |  |  |
| Culturing Microorganisms                     | <a href="https://mmerevise.co.uk/gcse-biology-revision/culturing-microorganisms/">https://mmerevise.co.uk/gcse-biology-revision/culturing-microorganisms/</a>                     |              |  |  |
| Stem Cells                                   | <a href="https://mmerevise.co.uk/gcse-biology-revision/stem-cells/">https://mmerevise.co.uk/gcse-biology-revision/stem-cells/</a>                                                 |              |  |  |
| Diffusion                                    | <a href="https://mmerevise.co.uk/gcse-biology-revision/diffusion/">https://mmerevise.co.uk/gcse-biology-revision/diffusion/</a>                                                   |              |  |  |
| Exchange Surfaces                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/exchange-surfaces/">https://mmerevise.co.uk/gcse-biology-revision/exchange-surfaces/</a>                                   |              |  |  |
| Osmosis                                      | <a href="https://mmerevise.co.uk/gcse-biology-revision/osmosis/">https://mmerevise.co.uk/gcse-biology-revision/osmosis/</a>                                                       |              |  |  |
| Active Transport                             | <a href="https://mmerevise.co.uk/gcse-biology-revision/active-transport/">https://mmerevise.co.uk/gcse-biology-revision/active-transport/</a>                                     |              |  |  |
| Organisation – Biology Paper 1               |                                                                                                                                                                                   |              |  |  |
| Organisation of Cells                        | <a href="https://mmerevise.co.uk/gcse-biology-revision/organisation-of-cells/">https://mmerevise.co.uk/gcse-biology-revision/organisation-of-cells/</a>                           |              |  |  |
| Enzymes                                      | <a href="https://mmerevise.co.uk/gcse-biology-revision/enzymes/">https://mmerevise.co.uk/gcse-biology-revision/enzymes/</a>                                                       |              |  |  |
| Digestive Enzymes                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/digestive-enzymes/">https://mmerevise.co.uk/gcse-biology-revision/digestive-enzymes/</a>                                   |              |  |  |
| Digestive System                             | <a href="https://mmerevise.co.uk/gcse-biology-revision/the-lungs/">https://mmerevise.co.uk/gcse-biology-revision/the-lungs/</a>                                                   |              |  |  |
| The Lungs                                    | <a href="https://mmerevise.co.uk/gcse-biology-revision/the-lungs/">https://mmerevise.co.uk/gcse-biology-revision/the-lungs/</a>                                                   |              |  |  |
| Circulatory System                           | <a href="https://mmerevise.co.uk/gcse-biology-revision/circulatory-system/">https://mmerevise.co.uk/gcse-biology-revision/circulatory-system/</a>                                 |              |  |  |
| The Heart                                    | <a href="https://mmerevise.co.uk/gcse-biology-revision/the-heart/">https://mmerevise.co.uk/gcse-biology-revision/the-heart/</a>                                                   |              |  |  |

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| Components of the Blood                           | <a href="https://mmerevise.co.uk/gcse-biology-revision/components-of-the-blood/">https://mmerevise.co.uk/gcse-biology-revision/components-of-the-blood/</a>   |  |  |  |
| Cardiovascular Disease                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/cardiovascular-diseases/">https://mmerevise.co.uk/gcse-biology-revision/cardiovascular-diseases/</a>   |  |  |  |
| Health Issues                                     | <a href="https://mmerevise.co.uk/gcse-biology-revision/health-issues/">https://mmerevise.co.uk/gcse-biology-revision/health-issues/</a>                       |  |  |  |
| Cancer                                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/cancer/">https://mmerevise.co.uk/gcse-biology-revision/cancer/</a>                                     |  |  |  |
| Plant Tissues and Organs                          | <a href="https://mmerevise.co.uk/gcse-biology-revision/plant-tissues-and-organs/">https://mmerevise.co.uk/gcse-biology-revision/plant-tissues-and-organs/</a> |  |  |  |
| <b>Infection and Response - Biology Paper 1</b>   |                                                                                                                                                               |  |  |  |
| Pathogens                                         | <a href="https://mmerevise.co.uk/gcse-biology-revision/pathogens/">https://mmerevise.co.uk/gcse-biology-revision/pathogens/</a>                               |  |  |  |
| Disease Examples                                  | <a href="https://mmerevise.co.uk/gcse-biology-revision/disease-examples/">https://mmerevise.co.uk/gcse-biology-revision/disease-examples/</a>                 |  |  |  |
| Human Defence Systems                             | <a href="https://mmerevise.co.uk/gcse-biology-revision/human-defence-systems/">https://mmerevise.co.uk/gcse-biology-revision/human-defence-systems/</a>       |  |  |  |
| Vaccinations and Drugs                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/vaccinations-and-drugs/">https://mmerevise.co.uk/gcse-biology-revision/vaccinations-and-drugs/</a>     |  |  |  |
| Developing Drugs                                  | <a href="https://mmerevise.co.uk/gcse-biology-revision/developing-drugs/">https://mmerevise.co.uk/gcse-biology-revision/developing-drugs/</a>                 |  |  |  |
| <b>Bioenergetics - Biology Paper 1</b>            |                                                                                                                                                               |  |  |  |
| Photosynthesis                                    | <a href="https://mmerevise.co.uk/gcse-biology-revision/photosynthesis/">https://mmerevise.co.uk/gcse-biology-revision/photosynthesis/</a>                     |  |  |  |
| Rate of Photosynthesis                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/rate-of-photosynthesis/">https://mmerevise.co.uk/gcse-biology-revision/rate-of-photosynthesis/</a>     |  |  |  |
| Respiration                                       | <a href="https://mmerevise.co.uk/gcse-biology-revision/respiration/">https://mmerevise.co.uk/gcse-biology-revision/respiration/</a>                           |  |  |  |
| Respiration and Exercise                          | <a href="https://mmerevise.co.uk/gcse-biology-revision/respiration-and-exercise/">https://mmerevise.co.uk/gcse-biology-revision/respiration-and-exercise/</a> |  |  |  |
| Metabolism                                        | <a href="https://mmerevise.co.uk/gcse-biology-revision/metabolism/">https://mmerevise.co.uk/gcse-biology-revision/metabolism/</a>                             |  |  |  |
| <b>Homeostasis and Response - Biology Paper 2</b> |                                                                                                                                                               |  |  |  |
| Homeostasis                                       | <a href="https://mmerevise.co.uk/gcse-biology-revision/homeostasis/">https://mmerevise.co.uk/gcse-biology-revision/homeostasis/</a>                           |  |  |  |
| The Nervous System                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/the-nervous-system/">https://mmerevise.co.uk/gcse-biology-revision/the-nervous-system/</a>             |  |  |  |
| Endocrine System                                  | <a href="https://mmerevise.co.uk/gcse-biology-revision/endocrine-system/">https://mmerevise.co.uk/gcse-biology-revision/endocrine-system/</a>                 |  |  |  |
| Control of Blood Glucose                          | <a href="https://mmerevise.co.uk/gcse-biology-revision/control-of-blood-glucose/">https://mmerevise.co.uk/gcse-biology-revision/control-of-blood-glucose/</a> |  |  |  |
| Human Reproduction                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/human-reproduction/">https://mmerevise.co.uk/gcse-biology-revision/human-reproduction/</a>             |  |  |  |
| Feedback Systems (higher only)                    | <a href="https://mmerevise.co.uk/gcse-biology-revision/feedback-systems/">https://mmerevise.co.uk/gcse-biology-revision/feedback-systems/</a>                 |  |  |  |

| Inheritance, Variation and Evolution - Biology Paper 2             |                                                                                                                                                                                   |  |  |  |
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| DNA                                                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/dna/">https://mmerevise.co.uk/gcse-biology-revision/dna/</a>                                                               |  |  |  |
| Reproduction                                                       | <a href="https://mmerevise.co.uk/gcse-biology-revision/reproduction/">https://mmerevise.co.uk/gcse-biology-revision/reproduction/</a>                                             |  |  |  |
| Meiosis                                                            | <a href="https://mmerevise.co.uk/gcse-biology-revision/meiosis/">https://mmerevise.co.uk/gcse-biology-revision/meiosis/</a>                                                       |  |  |  |
| Genetic Inheritance                                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/genetic-inheritance/">https://mmerevise.co.uk/gcse-biology-revision/genetic-inheritance/</a>                               |  |  |  |
| Inherited Disorders                                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/inherited-disorders/">https://mmerevise.co.uk/gcse-biology-revision/inherited-disorders/</a>                               |  |  |  |
| Variation                                                          | <a href="https://mmerevise.co.uk/gcse-biology-revision/variation/">https://mmerevise.co.uk/gcse-biology-revision/variation/</a>                                                   |  |  |  |
| Evolution                                                          | <a href="https://mmerevise.co.uk/gcse-biology-revision/evolution/">https://mmerevise.co.uk/gcse-biology-revision/evolution/</a>                                                   |  |  |  |
| Evidence for Evolution                                             | <a href="https://mmerevise.co.uk/gcse-biology-revision/evidence-for-evolution/">https://mmerevise.co.uk/gcse-biology-revision/evidence-for-evolution/</a>                         |  |  |  |
| Selective Breeding                                                 | <a href="https://mathsmadeeasy.co.uk/gcse-biology-revision/selective-breeding/">https://mathsmadeeasy.co.uk/gcse-biology-revision/selective-breeding/</a>                         |  |  |  |
| Genetic Engineering                                                | <a href="https://mmerevise.co.uk/gcse-biology-revision/genetic-engineering/">https://mmerevise.co.uk/gcse-biology-revision/genetic-engineering/</a>                               |  |  |  |
| Classifying Organisms                                              | <a href="https://mmerevise.co.uk/gcse-biology-revision/classifying-organisms/">https://mmerevise.co.uk/gcse-biology-revision/classifying-organisms/</a>                           |  |  |  |
| Ecology - Biology Paper 2                                          |                                                                                                                                                                                   |  |  |  |
| Ecosystems                                                         | <a href="https://mmerevise.co.uk/gcse-biology-revision/ecosystems/">https://mmerevise.co.uk/gcse-biology-revision/ecosystems/</a>                                                 |  |  |  |
| Investigating Ecosystems                                           | <a href="https://mmerevise.co.uk/gcse-biology-revision/investigating-ecosystems/">https://mmerevise.co.uk/gcse-biology-revision/investigating-ecosystems/</a>                     |  |  |  |
| Water and Nutrient Cycles                                          | <a href="https://mmerevise.co.uk/gcse-biology-revision/water-and-nutrient-cycles/">https://mmerevise.co.uk/gcse-biology-revision/water-and-nutrient-cycles/</a>                   |  |  |  |
| Effect of Human Activity on Biodiversity                           | <a href="https://mmerevise.co.uk/gcse-biology-revision/effect-of-humans-on-biodiversity/">https://mmerevise.co.uk/gcse-biology-revision/effect-of-humans-on-biodiversity/</a>     |  |  |  |
| Trophic Levels                                                     | <a href="https://mmerevise.co.uk/gcse-biology-revision/trophic-levels/">https://mmerevise.co.uk/gcse-biology-revision/trophic-levels/</a>                                         |  |  |  |
| Chemistry                                                          |                                                                                                                                                                                   |  |  |  |
| <b>Atomic Structure and the Periodic Table – Chemistry Paper 1</b> |                                                                                                                                                                                   |  |  |  |
| Atoms                                                              | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/atoms/">https://mmerevise.co.uk/gcse-chemistry-revision/atoms/</a>                                                       |  |  |  |
| History of Atomic Structure                                        | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/the-history-of-atomic-structure/">https://mmerevise.co.uk/gcse-chemistry-revision/the-history-of-atomic-structure/</a>   |  |  |  |
| Elements                                                           | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/elements/">https://mmerevise.co.uk/gcse-chemistry-revision/elements/</a>                                                 |  |  |  |
| Chemical Reactions and Compounds                                   | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/chemical-reactions-and-compounds/">https://mmerevise.co.uk/gcse-chemistry-revision/chemical-reactions-and-compounds/</a> |  |  |  |

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| Separating Mixtures                                                    | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/separating-mixtures/">https://mmerevise.co.uk/gcse-chemistry-revision/separating-mixtures/</a>                                   |  |  |  |
| Periodic Table                                                         | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/the-periodic-table/">https://mmerevise.co.uk/gcse-chemistry-revision/the-periodic-table/</a>                                     |  |  |  |
| Trends in the Periodic Table                                           | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/trends-in-the-periodic-table/">https://mmerevise.co.uk/gcse-chemistry-revision/trends-in-the-periodic-table/</a>                 |  |  |  |
| <b>Bonding, Structure and Properties of Matter – Chemistry Paper 1</b> |                                                                                                                                                                                           |  |  |  |
| States of Matter                                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/states-of-matter/">https://mmerevise.co.uk/gcse-chemistry-revision/states-of-matter/</a>                                         |  |  |  |
| Ionic Bonding                                                          | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/ionic-bonding/">https://mmerevise.co.uk/gcse-chemistry-revision/ionic-bonding/</a>                                               |  |  |  |
| Covalent Bonding                                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/covalent-bonding/">https://mmerevise.co.uk/gcse-chemistry-revision/covalent-bonding/</a>                                         |  |  |  |
| Giant Structures                                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/giant-structures/">https://mmerevise.co.uk/gcse-chemistry-revision/giant-structures/</a>                                         |  |  |  |
| Metallic Bonding                                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/metallic-bonding/">https://mmerevise.co.uk/gcse-chemistry-revision/metallic-bonding/</a>                                         |  |  |  |
| <b>Quantitative Chemistry – Chemistry Paper 1</b>                      |                                                                                                                                                                                           |  |  |  |
| Relative Formula Mass                                                  | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/relative-formula-mass/">https://mmerevise.co.uk/gcse-chemistry-revision/relative-formula-mass/</a>                               |  |  |  |
| Calculating Using Moles (higher only)                                  | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/calculations-using-moles/">https://mmerevise.co.uk/gcse-chemistry-revision/calculations-using-moles/</a>                         |  |  |  |
| Limiting Reactants (higher only)                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/limiting-reactants/">https://mmerevise.co.uk/gcse-chemistry-revision/limiting-reactants/</a>                                     |  |  |  |
| Concentrations of Solutions                                            | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/concentrations-of-solutions/">https://mmerevise.co.uk/gcse-chemistry-revision/concentrations-of-solutions/</a>                   |  |  |  |
| <b>Chemical Changes – Chemistry Paper 1</b>                            |                                                                                                                                                                                           |  |  |  |
| Metals                                                                 | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/metals/">https://mmerevise.co.uk/gcse-chemistry-revision/metals/</a>                                                             |  |  |  |
| Acids and Bases                                                        | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/acids-and-bases/">https://mmerevise.co.uk/gcse-chemistry-revision/acids-and-bases/</a>                                           |  |  |  |
| Reactions of Acids                                                     | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/reactions-of-acids/">https://mmerevise.co.uk/gcse-chemistry-revision/reactions-of-acids/</a>                                     |  |  |  |
| Electrolysis                                                           | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/electrolysis/">https://mmerevise.co.uk/gcse-chemistry-revision/electrolysis/</a>                                                 |  |  |  |
| <b>Energy Changes – Chemistry Paper 1</b>                              |                                                                                                                                                                                           |  |  |  |
| Endothermic and Exothermic Reactions                                   | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/endothermic-and-exothermic-reactions/">https://mmerevise.co.uk/gcse-chemistry-revision/endothermic-and-exothermic-reactions/</a> |  |  |  |
| <b>The Rate and Extent of Chemical Changes – Chemistry Paper 2</b>     |                                                                                                                                                                                           |  |  |  |
| Rate of Reaction                                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/rate-of-reaction/">https://mmerevise.co.uk/gcse-chemistry-revision/rate-of-reaction/</a>                                         |  |  |  |
| Factors that affect Rate of Reaction                                   | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/factors-that-affect-rate-of-reaction/">https://mmerevise.co.uk/gcse-chemistry-revision/factors-that-affect-rate-of-reaction/</a> |  |  |  |
| Reversible Reactions and Equilibria                                    | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/reversible-reactions-and-equilibria/">https://mmerevise.co.uk/gcse-chemistry-revision/reversible-reactions-and-equilibria/</a>   |  |  |  |
| <b>Organic Chemistry – Chemistry Paper 2</b>                           |                                                                                                                                                                                           |  |  |  |

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| Hydrocarbon Compounds                                  | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/hydrocarbons-and-alkanes/">https://mmerevise.co.uk/gcse-chemistry-revision/hydrocarbons-and-alkanes/</a>                               |  |  |  |
| Crude Oil                                              | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/crude-oil/">https://mmerevise.co.uk/gcse-chemistry-revision/crude-oil/</a>                                                             |  |  |  |
| <b>Chemical Analysis – Chemistry Paper 2</b>           |                                                                                                                                                                                                 |  |  |  |
| Pure Substances and Formulations                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/pure-substances-and-formulations/">https://mmerevise.co.uk/gcse-chemistry-revision/pure-substances-and-formulations/</a>               |  |  |  |
| Chromatography                                         | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/chromatography/">https://mmerevise.co.uk/gcse-chemistry-revision/chromatography/</a>                                                   |  |  |  |
| Chemical Tests                                         | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/chemical-tests/">https://mmerevise.co.uk/gcse-chemistry-revision/chemical-tests/</a>                                                   |  |  |  |
| <b>Chemistry of the Atmosphere – Chemistry Paper 2</b> |                                                                                                                                                                                                 |  |  |  |
| Composition of the Atmosphere                          | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/the-composition-of-the-atmosphere/">https://mmerevise.co.uk/gcse-chemistry-revision/the-composition-of-the-atmosphere/</a>             |  |  |  |
| Greenhouse Gases                                       | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/greenhouse-gases/">https://mmerevise.co.uk/gcse-chemistry-revision/greenhouse-gases/</a>                                               |  |  |  |
| Atmospheric Pollutants                                 | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/atmospheric-pollutants/">https://mmerevise.co.uk/gcse-chemistry-revision/atmospheric-pollutants/</a>                                   |  |  |  |
| <b>Using Resources – Chemistry Paper 2</b>             |                                                                                                                                                                                                 |  |  |  |
| Earth's Natural Resources                              | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/earths-natural-resources/">https://mmerevise.co.uk/gcse-chemistry-revision/earths-natural-resources/</a>                               |  |  |  |
| Potable Waters                                         | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/potable-water/">https://mmerevise.co.uk/gcse-chemistry-revision/potable-water/</a>                                                     |  |  |  |
| Treatment of Waste Water                               | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/treatment-of-waste-water/">https://mmerevise.co.uk/gcse-chemistry-revision/treatment-of-waste-water/</a>                               |  |  |  |
| Biological Methods of Extracting Metals (higher only)  | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/biological-methods-of-extracting-metals/">https://mmerevise.co.uk/gcse-chemistry-revision/biological-methods-of-extracting-metals/</a> |  |  |  |
| Life cycle assessments                                 | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/life-cycle-assessments/">https://mmerevise.co.uk/gcse-chemistry-revision/life-cycle-assessments/</a>                                   |  |  |  |
| Reducing Use of Resources                              | <a href="https://mmerevise.co.uk/gcse-chemistry-revision/reducing-use-of-resources/">https://mmerevise.co.uk/gcse-chemistry-revision/reducing-use-of-resources/</a>                             |  |  |  |
| <b>Physics</b>                                         |                                                                                                                                                                                                 |  |  |  |
| <b>Energy – Physics Paper 1</b>                        |                                                                                                                                                                                                 |  |  |  |
| Energy Stores and Systems                              | <a href="https://mmerevise.co.uk/gcse-physics-revision/energy-stores-and-systems/">https://mmerevise.co.uk/gcse-physics-revision/energy-stores-and-systems/</a>                                 |  |  |  |
| Energy Calculations                                    | <a href="https://mmerevise.co.uk/gcse-physics-revision/energy-calculations/">https://mmerevise.co.uk/gcse-physics-revision/energy-calculations/</a>                                             |  |  |  |
| Energy Changes                                         | <a href="https://mmerevise.co.uk/gcse-physics-revision/energy-changes/">https://mmerevise.co.uk/gcse-physics-revision/energy-changes/</a>                                                       |  |  |  |
| Power                                                  | <a href="https://mmerevise.co.uk/gcse-physics-revision/power/">https://mmerevise.co.uk/gcse-physics-revision/power/</a>                                                                         |  |  |  |
| Conservation of Energy                                 | <a href="https://mmerevise.co.uk/gcse-physics-revision/conservation-of-energy/">https://mmerevise.co.uk/gcse-physics-revision/conservation-of-energy/</a>                                       |  |  |  |
| Efficiency                                             | <a href="https://mmerevise.co.uk/gcse-physics-revision/efficiency/">https://mmerevise.co.uk/gcse-physics-revision/efficiency/</a>                                                               |  |  |  |

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|                                                  | <a href="#">ciency/</a>                                                                                                                                                             |  |  |  |
| Non-renewable Energy Resources                   | <a href="https://mmerevise.co.uk/gcse-physics-revision/non-renewable-energy-sources/">https://mmerevise.co.uk/gcse-physics-revision/non-renewable-energy-sources/</a>               |  |  |  |
| Renewable Energy Resources                       | <a href="https://mmerevise.co.uk/gcse-physics-revision/renewable-energy-sources/">https://mmerevise.co.uk/gcse-physics-revision/renewable-energy-sources/</a>                       |  |  |  |
| <b>Electricity– Physics Paper 1</b>              |                                                                                                                                                                                     |  |  |  |
| Electrical Charge and Current                    | <a href="https://mmerevise.co.uk/gcse-physics-revision/electrical-charge-and-current/">https://mmerevise.co.uk/gcse-physics-revision/electrical-charge-and-current/</a>             |  |  |  |
| Potential Difference and Resistance              | <a href="https://mmerevise.co.uk/gcse-physics-revision/potential-difference-and-resistance/">https://mmerevise.co.uk/gcse-physics-revision/potential-difference-and-resistance/</a> |  |  |  |
| Resistors                                        | <a href="https://mmerevise.co.uk/gcse-physics-revision/resistors/">https://mmerevise.co.uk/gcse-physics-revision/resistors/</a>                                                     |  |  |  |
| Series and Parallel Circuits                     | <a href="https://mmerevise.co.uk/gcse-physics-revision/series-and-parallel-circuits/">https://mmerevise.co.uk/gcse-physics-revision/series-and-parallel-circuits/</a>               |  |  |  |
| Mains Electricity                                | <a href="https://mmerevise.co.uk/gcse-physics-revision/mains-electricity/">https://mmerevise.co.uk/gcse-physics-revision/mains-electricity/</a>                                     |  |  |  |
| Power and Energy Transfer                        | <a href="https://mmerevise.co.uk/gcse-physics-revision/power-and-energy-transfer/">https://mmerevise.co.uk/gcse-physics-revision/power-and-energy-transfer/</a>                     |  |  |  |
| The National Grid                                | <a href="https://mmerevise.co.uk/gcse-physics-revision/the-national-grid/">https://mmerevise.co.uk/gcse-physics-revision/the-national-grid/</a>                                     |  |  |  |
| <b>Particle Model of Matter– Physics Paper 1</b> |                                                                                                                                                                                     |  |  |  |
| States of Matter                                 | <a href="https://mmerevise.co.uk/gcse-physics-revision/states-of-matter/">https://mmerevise.co.uk/gcse-physics-revision/states-of-matter/</a>                                       |  |  |  |
| Density                                          | <a href="https://mmerevise.co.uk/gcse-physics-revision/density/">https://mmerevise.co.uk/gcse-physics-revision/density/</a>                                                         |  |  |  |
| Specific Latent Heat                             | <a href="https://mmerevise.co.uk/gcse-physics-revision/specific-latent-heat/">https://mmerevise.co.uk/gcse-physics-revision/specific-latent-heat/</a>                               |  |  |  |
| Gases and Pressure                               | <a href="https://mmerevise.co.uk/gcse-physics-revision/gases-and-pressure/">https://mmerevise.co.uk/gcse-physics-revision/gases-and-pressure/</a>                                   |  |  |  |
| <b>Atomic Structure– Physics Paper 1</b>         |                                                                                                                                                                                     |  |  |  |
| Atomic Structure                                 | <a href="https://mmerevise.co.uk/gcse-physics-revision/atomic-structure/">https://mmerevise.co.uk/gcse-physics-revision/atomic-structure/</a>                                       |  |  |  |
| Nuclear Radiation                                | <a href="https://mmerevise.co.uk/gcse-physics-revision/nuclear-radiation/">https://mmerevise.co.uk/gcse-physics-revision/nuclear-radiation/</a>                                     |  |  |  |
| Radioactive Half Life                            | <a href="https://mmerevise.co.uk/gcse-physics-revision/radioactive-half-life/">https://mmerevise.co.uk/gcse-physics-revision/radioactive-half-life/</a>                             |  |  |  |
| Uses and Risks of Radiation                      | <a href="https://mmerevise.co.uk/gcse-physics-revision/uses-and-risks-of-radiation/">https://mmerevise.co.uk/gcse-physics-revision/uses-and-risks-of-radiation/</a>                 |  |  |  |
| <b>Forces – Physics Paper 2</b>                  |                                                                                                                                                                                     |  |  |  |
| Types of Forces                                  | <a href="https://mmerevise.co.uk/gcse-physics-revision/types-of-forces/">https://mmerevise.co.uk/gcse-physics-revision/types-of-forces/</a>                                         |  |  |  |
| Resultant Force                                  | <a href="https://mmerevise.co.uk/gcse-physics-revision/resultant-force/">https://mmerevise.co.uk/gcse-physics-revision/resultant-force/</a>                                         |  |  |  |
| Work Done by a Force                             | <a href="https://mmerevise.co.uk/gcse-physics-revision/work/">https://mmerevise.co.uk/gcse-physics-revision/work/</a>                                                               |  |  |  |

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|                                                         | <a href="#">done-by-a-force/</a>                                                                                                                                                        |  |  |  |
| Elasticity                                              | <a href="https://mmerevise.co.uk/gcse-physics-revision/elasticity/">https://mmerevise.co.uk/gcse-physics-revision/elasticity/</a>                                                       |  |  |  |
| Pressure                                                | <a href="https://mmerevise.co.uk/gcse-physics-revision/pressure/">https://mmerevise.co.uk/gcse-physics-revision/pressure/</a>                                                           |  |  |  |
| Describing Motion                                       | <a href="https://mmerevise.co.uk/gcse-physics-revision/describing-motion/">https://mmerevise.co.uk/gcse-physics-revision/describing-motion/</a>                                         |  |  |  |
| Motion Graphs                                           | <a href="https://mmerevise.co.uk/gcse-physics-revision/motion-graphs/">https://mmerevise.co.uk/gcse-physics-revision/motion-graphs/</a>                                                 |  |  |  |
| Newton's Laws of Motion                                 | <a href="https://mmerevise.co.uk/gcse-physics-revision/newtons-laws-of-motion/">https://mmerevise.co.uk/gcse-physics-revision/newtons-laws-of-motion/</a>                               |  |  |  |
| Braking                                                 | <a href="https://mmerevise.co.uk/gcse-physics-revision/braking/">https://mmerevise.co.uk/gcse-physics-revision/braking/</a>                                                             |  |  |  |
| Momentum (higher only)                                  | <a href="https://mmerevise.co.uk/gcse-physics-revision/momentum/">https://mmerevise.co.uk/gcse-physics-revision/momentum/</a>                                                           |  |  |  |
| <b>Waves – Physics Paper 2</b>                          |                                                                                                                                                                                         |  |  |  |
| Types of Waves                                          | <a href="https://mmerevise.co.uk/gcse-physics-revision/types-of-waves/">https://mmerevise.co.uk/gcse-physics-revision/types-of-waves/</a>                                               |  |  |  |
| Measuring Waves                                         | <a href="https://mmerevise.co.uk/gcse-physics-revision/measuring-waves/">https://mmerevise.co.uk/gcse-physics-revision/measuring-waves/</a>                                             |  |  |  |
| Electromagnetic Waves                                   | <a href="https://mmerevise.co.uk/gcse-physics-revision/electromagnetic-waves/">https://mmerevise.co.uk/gcse-physics-revision/electromagnetic-waves/</a>                                 |  |  |  |
| Radio Waves (higher only)                               | <a href="https://mmerevise.co.uk/gcse-physics-revision/radio-waves/">https://mmerevise.co.uk/gcse-physics-revision/radio-waves/</a>                                                     |  |  |  |
| Ultraviolet, X-ray and Gamma Waves                      | <a href="https://mmerevise.co.uk/gcse-physics-revision/ultraviolet-x-ray-and-gamma-rays/">https://mmerevise.co.uk/gcse-physics-revision/ultraviolet-x-ray-and-gamma-rays/</a>           |  |  |  |
| Microwaves, Infrared and Visible Light                  | <a href="https://mmerevise.co.uk/gcse-physics-revision/microwaves-infrared-and-visible-light/">https://mmerevise.co.uk/gcse-physics-revision/microwaves-infrared-and-visible-light/</a> |  |  |  |
| <b>Magnetism and Electromagnetism – Physics Paper 2</b> |                                                                                                                                                                                         |  |  |  |
| Magnets                                                 | <a href="https://mmerevise.co.uk/gcse-physics-revision/magnets/">https://mmerevise.co.uk/gcse-physics-revision/magnets/</a>                                                             |  |  |  |
| Electromagnetism                                        | <a href="https://mmerevise.co.uk/gcse-physics-revision/electromagnetism/">https://mmerevise.co.uk/gcse-physics-revision/electromagnetism/</a>                                           |  |  |  |
| The Motor Effect (higher only)                          | <a href="https://mmerevise.co.uk/gcse-physics-revision/the-motor-effect/">https://mmerevise.co.uk/gcse-physics-revision/the-motor-effect/</a>                                           |  |  |  |
| The Generator Effect (higher only)                      | <a href="https://mmerevise.co.uk/gcse-physics-revision/the-generator-effect/">https://mmerevise.co.uk/gcse-physics-revision/the-generator-effect/</a>                                   |  |  |  |
| Transformers (higher only)                              | <a href="https://mmerevise.co.uk/gcse-physics-revision/transformers/">https://mmerevise.co.uk/gcse-physics-revision/transformers/</a>                                                   |  |  |  |
| <b>Scientific Skills</b>                                |                                                                                                                                                                                         |  |  |  |
| <b>Scientific Methods</b>                               |                                                                                                                                                                                         |  |  |  |
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| Statistics Calculations          | <a href="https://mmerevise.co.uk/gcse-science-revision/statistics-calculations/">https://mmerevise.co.uk/gcse-science-revision/statistics-calculations/</a>                   |  |  |  |
| Errors and Uncertainty           | <a href="https://mmerevise.co.uk/gcse-science-revision/errors-and-uncertainties/">https://mmerevise.co.uk/gcse-science-revision/errors-and-uncertainties/</a>                 |  |  |  |
| The Scientific Method            | <a href="https://mmerevise.co.uk/gcse-science-revision/the-scientific-method/">https://mmerevise.co.uk/gcse-science-revision/the-scientific-method/</a>                       |  |  |  |
| Peer Review                      | <a href="https://mmerevise.co.uk/gcse-science-revision/peer-review/">https://mmerevise.co.uk/gcse-science-revision/peer-review/</a>                                           |  |  |  |
| Ethics                           | <a href="https://mmerevise.co.uk/gcse-science-revision/ethics/">https://mmerevise.co.uk/gcse-science-revision/ethics/</a>                                                     |  |  |  |
| Experimental Design              | <a href="https://mmerevise.co.uk/gcse-science-revision/experimental-design/">https://mmerevise.co.uk/gcse-science-revision/experimental-design/</a>                           |  |  |  |
| Thinking Scientifically          | <a href="https://mmerevise.co.uk/gcse-science-revision/thinking-scientifically/">https://mmerevise.co.uk/gcse-science-revision/thinking-scientifically/</a>                   |  |  |  |
| Comparing Results                | <a href="https://mmerevise.co.uk/gcse-science-revision/comparing-results/">https://mmerevise.co.uk/gcse-science-revision/comparing-results/</a>                               |  |  |  |
| Sampling                         | <a href="https://mmerevise.co.uk/gcse-science-revision/sampling/">https://mmerevise.co.uk/gcse-science-revision/sampling/</a>                                                 |  |  |  |
| Working Safely in a Lab          | <a href="https://mmerevise.co.uk/gcse-physics-revision/working-safely-in-a-lab/">https://mmerevise.co.uk/gcse-physics-revision/working-safely-in-a-lab/</a>                   |  |  |  |
| Using Equipment                  | <a href="https://mmerevise.co.uk/gcse-science-revision/using-equipment/">https://mmerevise.co.uk/gcse-science-revision/using-equipment/</a>                                   |  |  |  |

All Year 11 students have access to a wide range of revision materials and subject-specific resources through the school's online platforms — including the school website, Office 365, SharePoint, and their school email accounts. These can be easily accessed by scanning the QR code in the front of their planners.