

Y11 Revision 2018

Double award (Combined Science Trilogy 8464)

The specification for double award chemistry can be found by following the link, the chemistry topics start on page 66:

<http://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF>

Topics for revision:

Paper 1

- 5.1 Atomic structure and the periodic table
- 5.2 Bonding, structure, and the properties of matter
- 5.3 Quantitative chemistry
- 5.4 Chemical changes
- 5.5 Energy changes

Paper 2

- 5.6 The rate and extent of chemical change
- 5.7 Organic chemistry
- 5.8 Chemical analysis
- 5.9 Chemistry of the atmosphere

Higher tier topics (HT only):

- 5.3.2.1 Moles
- 5.3.2.2 Amounts of substances in equations
- 5.3.2.3 Using moles to balance equations
- 5.3.2.4 Limiting reactants
- 5.4.1.4 Oxidation and reduction in terms of electrons
- 5.4.2.5 Strong and weak acids
- 5.4.3.5 Representation of reactions at electrodes as half equations
- 5.5.1.3 The energy change of reactions
- 5.6.2.4 The effect of changing conditions on equilibrium
- 5.6.2.5 The effect of changing concentration on equilibrium
- 5.6.2.6 The effect of temperature changes on equilibrium
- 5.6.2.7 The effect of pressure changes on equilibrium
- 5.10.1.4 Alternative methods of extracting metals

Please follow this link for practice papers and mark schemes that you should use as part of your revision. Papers 3 and 4 (foundation and higher) are Chemistry papers:

<http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources>

Other websites that will be useful for your revision:

<https://www.bbc.co.uk/education/subjects/zs6hvcw>

<http://www.s-cool.co.uk/gcse/chemistry>

<http://www.gcsescience.com/gcse-chemistry-revision.htm>

Triple award (Chemistry 8462)

The specification for triple award chemistry can be found by following the link below:

<http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF>

Topics for revision:

Paper 1

- 4.1 Atomic structure and the periodic table
- 4.2 Bonding, structure, and the properties of matter
- 4.3 Quantitative chemistry
- 4.4 Chemical changes
- 4.5 Energy changes

Paper 2

- 4.6 The rate and extent of chemical change
- 4.7 Organic chemistry
- 4.8 Chemical analysis
- 4.9 Chemistry of the atmosphere

Please follow this link for practice papers and mark schemes that you should use as part of your revision:

<http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462/assessment-resources>

Other websites that will be useful for your revision:

<https://www.bbc.co.uk/education/subjects/zs6hvcw>

<http://www.s-cool.co.uk/gcse/chemistry>

<http://www.gcsescience.com/gcse-chemistry-revision.htm>