

Online Catch Up Learning Guide
Subject – Chemistry (Triple and Trilogy)

Key Stage 4 (AQA GCSE)

Year 9 will be covering this content to build on learning on these topics done in Year 8

Terms	Topics	Online learning resources
1 & 2	GCSE Chemistry is taught to Y9 students at the start of this term. As part of the curriculum the students also get to review the work they did in Chemistry in year 8 for example the Periodic Table. This content will be assessed in Paper 1 of the two chemistry exams. • Atoms, elements and compounds (topic 5.1) • Bonding, Structure and the properties of matter (topic 5.2) • Quantitative chemistry (topic 5.3) • Chemical changes (topic 5.4) • Energy changes (topic 5.5)	AQA Combined Science Specification https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF Seneca learning: https://app.senecalearning.com/courses?Price=Free&Exam+Board=AQA&Subject=Combined+Science BBC bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8r997h Century: app.century.tech Physics and maths tutor (this also has chemistry): https://www.physicsandmathstutor.com Free science lessons Youtube channel: https://www.youtube.com/@Freesciencelessons

Year 10 will be covering this content to build on learning on these topics done in Year 9

Terms	Topics	Online learning resources
1 & 2	Chemistry is taught to Y10 students in the first and second terms previously by their science teachers, who will be teaching different aspects of the course. This content will be assessed in Paper 1 of the two chemistry exams. Teacher 1 • Energy changes (topic 5.5)	AQA Combined Science Specification https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF AQA Single GCSE Chemistry Specification https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF Seneca learning: https://app.senecalearning.com/courses?Price=Free&Exam+Board=AQA&Subject=Combined+Science (Combined) https://app.senecalearning.com/courses?Price=Free&Exam+Board=AQA&Subject=Chemistry&Age+Group=GCSE (Separate)

	• The rate and extent of chemical changes (topic 5.6) • Organic chemistry (topic 5.7) • Chemical analysis (topic 5.8) • Chemistry of the atmosphere (topic 5.9) • Using resources (topic 5.10)	BBC bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8r997h (Combined) https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb (Separate) Century: app.century.tech Physics and maths tutor (this also has chemistry): https://www.physicsandmathstutor.com Free science lessons Youtube channel: https://www.youtube.com/@Freesciencelessons
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Year 11

Terms	Topics	Online learning resources
1 & 2	In the trilogy teacher will revise the Paper 1 and Paper 2. Students studying the Single GCSE Chemistry will have extra contents in Topics 1 – 7 (this is clearly signposted in the specification and ONA resources). They will be revising the trilogy contents in conjunction with the trilogy revision.	AQA Combined Science Specification https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF AQA Single GCSE Chemistry Specification https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF Seneca learning: https://app.senecalearning.com/courses?Price=Free&Exam+Board=AQA&Subject=Combined+Science (Combined) https://app.senecalearning.com/courses?Price=Free&Exam+Board=AQA&Subject=Chemistry&Age+Group=GCSE (Separate) BBC bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8r997h (Combined) https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb (Separate) Century: app.century.tech Physics and maths tutor (this also has chemistry): https://www.physicsandmathstutor.com Free science lessons Youtube channel:

		https://www.youtube.com/@Freesciencelessons
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KEY STAGE 5

Unit	Online learning resources
1&2	https://www.chemguide.co.uk/ https://chemrevise.org/3-edexcel-revision-guides/ https://chemrevise.org/3-edexcel-revision-guides/ https://www.knockhardy.org.uk/ppoints.htm https://www.a-levelchemistry.co.uk/