

# Assessment Week Term 2 2019/20: Information for students, parents & carers - YEAR 11

The second round of mock examinations begin on Monday 24th February for Year 11

Subject	Topics to revise	Resources, further information and support
Art	<p><b>Externally Set Assignment</b>  <b>Students will be issued with the exam paper week beginning 06.01.20.</b>                      They will be assessed Using the AQA Assessment Objectives:                      -AO1: Develop ideas through investigation, demonstrating critical understanding of sources.                      -AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media materials, techniques and processes.                      -AO3: Record ideas, observations and insights relevant to intentions as work progresses.                      -AO4: Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.                      The preparatory period January-March 2020.</p>	<p><a href="http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8-201-8206">http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8-201-8206</a>  <a href="http://www.bbc.co.uk/education/subjects/z6hs34j">http://www.bbc.co.uk/education/subjects/z6hs34j</a>  <a href="http://www.techradar.com/how-to/photography-video-capture/cameras/10-rules-of-photo-composition-and-why-they-work-1320770">http://www.techradar.com/how-to/photography-video-capture/cameras/10-rules-of-photo-composition-and-why-they-work-1320770</a>  <a href="http://www.youtube.com/watch?v=M_WhBvXRmUY">www.youtube.com/watch?v=M_WhBvXRmUY</a>  <a href="https://uk.pinterest.com/explore/gcse-art-sketchbook/">https://uk.pinterest.com/explore/gcse-art-sketchbook/</a></p>
Construction	<p><b>Unit 1: Safety and Security in Construction</b>  <b>Unit 3: Planning Construction Projects</b>                      All of the content of both units will be examined in past papers</p>	<p>Students will be provided with revision information, past papers and mark schemes.</p>
D&T	<p><b>Written paper: 2 hours</b>                      All of the taught content will be examined in a past paper.</p>	<p>Students will be provided with revision materials, past papers, markschemes and extension tasks.</p>
Computing	<ul style="list-style-type: none"> <li>-Von Neumann Architecture</li> <li>-Binary arithmetic / and logical shifts</li> <li>-Sorting and searching algorithms</li> <li>-Data storage and compression</li> <li>-Operating systems software / application software / utility software</li> <li>-Tracetables</li> <li>-Programming structures</li> <li>-Flowcharts</li> <li>-Binary/linear searches</li> <li>-Bubble sort, and merge sort</li> </ul>	<p>Students will be provided with revision materials by their Computing teacher</p> <p>Past papers</p> <p>Seneca</p> <p>Pixl revision materials</p>
Drama	<p><b>Written paper 1 hour 30 mins</b>                      Section A: Questions will be on the set text 'DNA' by Dennis Kelly.                      Section B Live Performance - Macbeth</p> <p><b>Performance of Text</b>                      Performance or design for both extracts from their chosen text.                      Students will not be allowed the script for extract 1 so must know their lines.</p>	<p>Students can take home their folders to revise from. All students have a revision guide.</p>

<b>English</b>	<p><b>Language:</b>  Paper 1: Questions 1-4 on a fictional text  Q5 writing to describe or narrate.  Paper 2: Questions 1-4 on two non-fiction texts  Q5 Writing to persuade/argue/present a viewpoint.</p> <p><b>Literature:</b>  Paper 1: 'Macbeth OR 'Romeo and Juliet' and 'A Christmas Carol'.  Paper 2: 'An Inspector Calls OR 'Blood Brothers', Poetry Anthology (Power and Conflict) and how to respond to unseen poetry.</p>	<p><a href="https://www.bbc.com/bitesize/examspecs/zcbchv4">https://www.bbc.com/bitesize/examspecs/zcbchv4</a>  <a href="https://www.oxfordhomeschooling.co.uk/blog/english-toolkit-1/">https://www.oxfordhomeschooling.co.uk/blog/english-toolkit-1/</a>  <a href="https://www.youtube.com/watch?v=Ti5CKcdwbuA">https://www.youtube.com/watch?v=Ti5CKcdwbuA</a>  <a href="http://www.sparknotes.com/shakespeare/macbeth/">http://www.sparknotes.com/shakespeare/macbeth/</a>  <a href="https://www.sparknotes.com/shakespeare/romeojuliet/">https://www.sparknotes.com/shakespeare/romeojuliet/</a>  <a href="http://www.sparknotes.com/lit/christmascarol/">http://www.sparknotes.com/lit/christmascarol/</a>  <a href="http://www.sparknotes.com/drama/an-inspector-calls/">http://www.sparknotes.com/drama/an-inspector-calls/</a>  <a href="https://www.litcharts.com/lit/blood-brothers">https://www.litcharts.com/lit/blood-brothers</a>  <a href="https://www.bbc.com/bitesize/topics/zxv7sg8">https://www.bbc.com/bitesize/topics/zxv7sg8</a>  <a href="https://www.bbc.com/bitesize/topics/zs43ycw">https://www.bbc.com/bitesize/topics/zs43ycw</a>  Seneca Learning - AQA English Literature course  <a href="https://senecalearning.com/">https://senecalearning.com/</a></p>
<b>RS</b>	<p><b>All of Component 1: Religious, Philosophical and Ethical Studies in the Modern World.</b>  Theme 1: Relationships  Theme 2: Life and Death  Theme 3: Issues of Good and Evil  Theme 4: Issues of Human Rights</p> <p><b>Component 2: Issues of Christianity - Christian Beliefs</b>  Nature of God, Trinity, Jesus - incarnation, atonement, resurrection, The Seven Sacraments, Evangelism</p> <p><b>Component 2: Issues of Christianity - Christian Practices</b>  Britain as a Christian Community, Worldwide Church, Prayer, Worship</p> <p><b>Component 3: Issues of a world faith - Islamic beliefs</b>  Shahada and Tawhid – importance of belief and the oneness of Allah, Night of Power/Night Journey, Angels, Prophethood, Akhirah – janna and Jahannam</p> <p><b>Component 3: Issues of a world faith - Islamic practices</b>  Festivals – Eid ul Adha and Eid ul Fitr, Ashura, Salat (ritual prayer), Zakat (charity), Pilgrimage (Hajj and Karbala for Shia Muslims), Qur'an, Hadith and Shariah, Jihad – greater and lesser</p>	<p>Question booklets.</p> <p>Exercise books (year 10 and 11 - see me if you haven't already got them)  <a href="http://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=724">http://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=724</a>  <a href="http://www.bbc.co.uk/religion/religions/christianity/beliefs/basics_1.shtml">http://www.bbc.co.uk/religion/religions/christianity/beliefs/basics_1.shtml</a>  <a href="http://www.bbc.co.uk/religion/religions/christianity/">http://www.bbc.co.uk/religion/religions/christianity/</a></p> <p><a href="https://www.eduqas.co.uk/qualifications/religious-studies/gcse/eduqas-gcse-RS-spec-full-from-2016.pdf">https://www.eduqas.co.uk/qualifications/religious-studies/gcse/eduqas-gcse-RS-spec-full-from-2016.pdf</a>  <a href="https://www.bbc.com/bitesize/topics/zdprkqt">https://www.bbc.com/bitesize/topics/zdprkqt</a>  <a href="http://www.bbc.co.uk/religion/religions/islam/">http://www.bbc.co.uk/religion/religions/islam/</a>  <a href="http://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=1122">http://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=1122</a></p>
<b>Food Technology</b>	<p><b>Food Science</b></p> <p><b>Food, nutrition, diet and health</b></p> <p><b>Food provenance</b></p> <p><b>Food Choice</b></p>	<p>Students should take their revision guides and workbooks home. The following websites may also be useful for revision in areas identified from previous mock exam:  <a href="https://www.bbc.co.uk/bitesize/guides/zks8jty/revision/2https://www.msc.org/what-we-are-doing/our-approach/what-is-sustainable-fishing">https://www.bbc.co.uk/bitesize/guides/zks8jty/revision/2https://www.msc.org/what-we-are-doing/our-approach/what-is-sustainable-fishing</a>  <a href="http://meatandeducation.redmeatinfo.com/resources/112">http://meatandeducation.redmeatinfo.com/resources/112</a>  <a href="https://www.nutrition.org.uk/nutritionscience/allergy.html">https://www.nutrition.org.uk/nutritionscience/allergy.html</a></p>

		<a href="https://www.redtractor.org.uk/choose-site">https://www.redtractor.org.uk/choose-site</a> <a href="https://www.bbc.com/bitesize/guides/z9rqcj6/revision/3">https://www.bbc.com/bitesize/guides/z9rqcj6/revision/3</a> <a href="https://www.fairtrade.org.uk/Buying-Fairtrade">https://www.fairtrade.org.uk/Buying-Fairtrade</a> <a href="https://www.bbc.co.uk/bitesize/guides/zmqth39/revision/5">https://www.bbc.co.uk/bitesize/guides/zmqth39/revision/5</a> <a href="https://www.bbc.co.uk/bitesize/guides/zdjvgdm/revision/3">https://www.bbc.co.uk/bitesize/guides/zdjvgdm/revision/3</a> <a href="https://www.gov.uk/food-labelling-and-packaging">https://www.gov.uk/food-labelling-and-packaging</a>
<b>French</b>	<p>Pupils will be assessed in all four skills of listening, speaking, reading and writing. The papers will cover content from all three themes.</p> <p><b><u>Theme 1: Identity and culture</u></b></p> <p><b><u>Theme 2: Local, national, international and global areas of interest</u></b></p> <p><b><u>Theme 3: Current and future study and employment</u></b></p>	<p>Speaking booklets for both the speaking and writing papers. Forever phrases and Cheat sheet.</p> <p><a href="https://quizlet.com/183455422/aqa-gcse-french-vocabulary-flash-cards/">https://quizlet.com/183455422/aqa-gcse-french-vocabulary-flash-cards/</a></p> <p><a href="http://www.linguascope.com">www.linguascope.com</a> - the beginners section for basic noun / verb phrases, intermediate for longer expressions, grammatical structures.</p> <p><a href="https://www.memrise.com/group/307149/">https://www.memrise.com/group/307149/</a></p> <p><a href="https://www.memrise.com/course/52220/aqa-gcse-french-vocabulary/">https://www.memrise.com/course/52220/aqa-gcse-french-vocabulary/</a></p> <p><a href="http://www.pearsonactivelearn.com">www.pearsonactivelearn.com</a> to practise listening and reading.</p>
<b>Geography</b>	<p><b><u>AQA Paper 1 Living with the physical environment</u></b></p> <p><b><u>The challenge of natural hazards:</u></b>  What is a natural hazard? Plate boundaries, causes, effects and responses of earthquakes (Haiti and Christchurch), planning, predicting and preparing for tectonic hazards, living with tectonic hazards, causes, effects and responses of tropical storms (Hurricane Katrina), monitoring, predicting and reducing the impact of tropical storms, the changing nature of tropical storms, an example of a recent extreme weather event in the UK (Somerset Levels floods) causes, evidence, effects and management of climate change.</p> <p><b><u>Living world</u></b>  Characteristics and locations of major biomes, UK ecosystems (freshwater reed bed). Tropical rainforests: characteristics and interdependence of tropical rainforests, adaptations of plants and animals, causes and impacts of deforestation in The Amazon Rainforest, strategies to manage tropical rainforests. Cold environments: Characteristics of cold environments, plant and animal adaptations, opportunities and challenges in Alaska, management strategies in cold environments (Alaska).</p> <p><b><u>Physical landscapes in the UK</u></b>  Overview of UK physical landscapes, coastal processes, rock type and coastal landforms, characteristics and formation of erosional and depositional landforms (The Holderness Coastline), hard engineering, soft engineering and managed retreat and an example at the Holderness</p>	<p>Revision guides produced by the department are available on Class Charts and Google Classroom.</p> <p>Students can access practice question on both Class Charts and Google Classroom in addition to using past homework/assessments in their folders.</p>

coastline. The long and cross profile of a river, fluvial processes, characteristics and formation of landforms in the upper, middle and lower course of the river, an example of a UK river valley (River Tees), physical and human factors that affect flood risk, hydrographs, hard and soft engineering strategies. An example of a UK flood management scheme (Boscastle)

### **AQA Paper 2 Challenges in the human environment**

#### **Urban Issues and challenges**

Patterns and trends in urbanisation, distribution of population and cities, megacities.

An example of an urban area in a NEE/LIC (Rio): location and the importance of the city, causes of growth, opportunities and challenges and how to plan for the urban poor,

An urban of a major UK city (Newcastle): location and importance, impact of migration, opportunities and challenges, urban regeneration, features of sustainable living and transport strategies.

#### **The changing economic world**

Different economic and social measures of development, limitations of economic and social measures, link between stages of the Demographic Transition Model and the level of development, causes of uneven development (physical, economic and historical), consequences of uneven development: disparities in wealth and health, international migration, an overview of the strategies used to reduce the development gap: investment, an example (Kenya) of how the growth of tourism in an LIC or NEE helps to reduce the development gap.

A case study of one LIC or NEE (Nigeria) to illustrate: the location and importance of the country, the changing industrial structure, the balance between different sectors of the economy, how the manufacturing industry can stimulate economic development, the role of transnational corporations (TNCs), Advantages and disadvantages of a TNC (Shell) to the host country, the changing political and trading relationships with the wider world, international aid: types of aid, impacts of aid on the receiving country, the environmental impacts of economic development, the effects of economic development on quality of life for the population.

Economic futures in the UK: causes of economic change, moving towards a post-industrial economy, impacts of industry on the physical environment. An example (Torr Quarry) of how modern industrial development can be more environmentally sustainable, social and economic changes in the rural

	<p>landscape in one area of population growth and one area of population decline, improvements and new developments in road and rail infrastructure, port and airport capacity, the north–south divide. Strategies used in an attempt to resolve regional differences, the place of the UK in the wider world. Links through trade, culture, transport, and electronic communication. Economic and political links: the European Union (EU) and Commonwealth.</p> <p><b>AQA Paper 3 Section B: Fieldwork</b></p> <p>Students must be aware of general data collection methods, sampling methods, data presentation methods and analysis methods which can be used in any human or physical fieldwork.</p> <p>Human geography fieldwork: The Ouseburn, Newcastle Physical geography fieldwork: Seaham Hall Beach</p> <p>For each fieldwork location students must be able to evaluate (strengths and weaknesses) the study location, primary and secondary data collection methods, data presentation, analysis and conclusions. Students should also be able to explain the advantages of further research.</p>	
<p><b>History</b></p>	<p><b><u>Paper 1: Crime and Punishment, Whitechapel</u></b> 30%, 1 hour 15 mins</p> <p><b><u>Paper 2: American West, Anglo-Saxon and Norman England</u></b> 40%, 1 hour 45 mins</p> <p><b><u>Paper 3: USA 1954-75</u></b> 30%, 1 hour 20 mins</p>	<p>Students have their exercise books at home to revise and will create some revision materials in class which should also be taken home to complete and use to test themselves.</p> <p>They have a link to a Google folder (also below) with revision materials for each paper.</p> <p><a href="https://qualifications.pearson.com/en/qualifications/edexcel-gcses/history-2016.html">https://qualifications.pearson.com/en/qualifications/edexcel-gcses/history-2016.html</a> <a href="https://drive.google.com/drive/folders/1iSOycztf4JkMf9rtmGrpTXiRImXnlnH8">https://drive.google.com/drive/folders/1iSOycztf4JkMf9rtmGrpTXiRImXnlnH8</a></p>
<p><b>Maths</b></p>	<p>The topics you will need to revise depend on the class you are in. Students in classes Sets 2 ,3, 4 and 5 need to revise topics from Justmaths Super Sixty list.</p> <p><a href="#">SUPER SIXTY</a></p> <p>Students in top set should also revise topics at grade 6 and 7 from the MathsWatch website.</p> <p>All students should use their QLA from the Mock in November to inform their revision.</p>	<p>MathsWatch <a href="https://vle.mathswatch.co.uk/vle/">https://vle.mathswatch.co.uk/vle/</a></p> <p>JustMaths <a href="https://online.justmaths.co.uk/">https://online.justmaths.co.uk/</a></p> <p>MyMaths <a href="https://www.mymaths.co.uk/">https://www.mymaths.co.uk/</a></p> <p>Seneca Learning - Edexcel Maths course <a href="https://senecalearning.com/">https://senecalearning.com/</a></p> <p>Tassomai Maths <a href="https://www.tassomai.com/">https://www.tassomai.com/</a></p>

<b>Music</b>	<p><b>Understanding Music Paper 1hr30</b>  Section A: Western Classical Music / Popular Music / Traditional Music and Western Classical since 1910  Section B Set Works: The Beatles and Haydn's Clock Symphony</p> <p><b>Composing Music</b>  Students are completing composition coursework-this will be assessed at the end of this half term. Students are required to write composition programme notes</p> <p><b>Performing Music</b>  Students will complete a solo performance on the 10th January and the ensemble performance will take place before the half term.</p>	<p><b>Understanding Music:</b>  GCSE Music Revision Guide  Homework Questions each week on section A listening  Homework questions on The Beatles and Haydn  Flashcards and Look/Cover/Write key terminology  Quizlet flashcards</p>
<b>Photography</b>	<p><b>Externally Set Assignment</b>  <b>Students will be issued with the exam paper week beginning 06.01.20.</b>  They will be assessed Using the AQA Assessment Objectives:  -AO1: Develop ideas through investigation, demonstrating critical understanding of sources.  -AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media materials, techniques and processes.  -AO3: Record ideas, observations and insights relevant to intentions as work progresses.  -AO4: Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.  The preparatory period January-March 2020.</p>	<p><a href="http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206">http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206</a></p> <p><a href="http://www.youtube.com/playlist?list=PLED8698F06B3DAE54">www.youtube.com/playlist?list=PLED8698F06B3DAE54</a></p> <p><a href="http://www.gcsephotography.co.uk/">http://www.gcsephotography.co.uk/</a></p> <p><a href="http://www.techradar.com/how-to/photography-video-capture/cameras/10-rules-of-photo-composition-and-why-they-work-1320770">http://www.techradar.com/how-to/photography-video-capture/cameras/10-rules-of-photo-composition-and-why-they-work-1320770</a></p> <p><a href="http://www.studentartguide.com/articles/photography-sketchbook-ideas">http://www.studentartguide.com/articles/photography-sketchbook-ideas</a></p> <p><a href="https://uk.pinterest.com/explore/photography-sketchbook/">https://uk.pinterest.com/explore/photography-sketchbook/</a></p>
<b>Science (Combined)</b>	<p><b>Students will sit a full Paper 1 and 2 in physics, chemistry and biology</b></p> <p><b>Physics</b>  Paper 1 - Full  -Topic 1: Key concepts in physics  -Topic 2: Forces and motion  -Topic 3: Conservation of energy  -Topic 4: Waves  -Topic 5: Light and the electromagnetic spectrum  -Topic 6: Radioactivity</p> <p>Paper 2 - Full  -Topic 8: Energy - Forces doing work  -Topic 9: Forces and their effects  -Topic 10: Electricity and circuits  -Topic 12: Magnetism and the motor effect</p>	<p>1. Revision guides and workbooks can be bought for a discount through school for CGP combined science; physics, chemistry, biology or separate science (be careful as combined science books will not contain all needed info for separate science)  <a href="https://www.cgpbooks.co.uk/School/books_gcse_science_books_gcse_science_edexcel_revision">https://www.cgpbooks.co.uk/School/books_gcse_science_books_gcse_science_edexcel_revision</a></p> <p>2. Tassomai – students all have a personal log in for the website or can use the app. They should do a minimum of their daily goal. This is issued as homework and revision because it works so well  <a href="https://www.tassomai.com/private">https://www.tassomai.com/private</a></p> <p>3. Revision past paper booklets and past paper question support. Available by asking your teacher or any science staff. These are already printed and ready to go!</p>

	<p>-Topic 13: Electromagnetic induction -Topic 14: Particle model -Topic 15: Forces and matter</p> <p><b>Biology</b> Paper 1 - Full -Topic 1: Key concepts in biology -Topic 2: Cells and control -Topic 3: Genetics -Topic 4: Natural selection and genetic modification -Topic 5: Health, disease and the development of medicines</p> <p>Paper 2 - Full -Topic 6: Plant structures and their functions -Topic 7: Animal coordination, control and homeostasis -Topic 8: Exchange and transport in animals -Topic 9: Ecosystems and material cycles</p> <p><b>Chemistry</b> Paper 1 - Full -Topic 1: Key concepts in chemistry -Topic 2: States of matter and mixtures -Topic 3: Chemical changes -Topic 4: Extracting metals and equilibria Paper 2 - Full  -Topic 6: Groups in the periodic table -Topic 7: Rates of reaction and energy changes -Topic 8: Fuels and Earth science</p>	<p>4. Gojimo app or online version - free multiple choice quizzes which are exam board specific <a href="http://app.gojimo.co/qualifications/">http://app.gojimo.co/qualifications/</a></p> <p>5. Ted ED science education videos on YouTube</p> <p>6. Seneca online science course – notes and explanations of common science concepts. Which are exam board specific <a href="https://senecalearning.com/">https://senecalearning.com/</a></p> <p>7. Fuse school revision videos on YouTube</p> <p>8. S-cool revision resources - notes and explanations of common science concepts. Not exam board specific <a href="https://www.s-cool.co.uk/gcse">https://www.s-cool.co.uk/gcse</a></p> <p>9. BBC bitesize – notes, explanations and quizzes of common science concepts. Which are exam board specific <a href="https://www.bbc.co.uk/education/subjects/zrkw2hv">https://www.bbc.co.uk/education/subjects/zrkw2hv</a></p> <p>10. Grade Gorilla – physics only notes and multiple choice quizzes <a href="https://gradegorilla.com/index.php">https://gradegorilla.com/index.php</a></p> <p>11. Revision science - notes and explanations of common science concepts. Not exam board specific <a href="https://revisionscience.com/">https://revisionscience.com/</a></p> <p>12. My GCSE science.com – paid set of resources and revision question materials <a href="https://www.my-gcsescience.com/">https://www.my-gcsescience.com/</a></p>
<p><b>Science (Triple)</b></p>	<p><b>Students will sit a full Paper 1 and 2 in physics, chemistry and biology</b></p> <p><b>Physics</b> Paper 1 - Full -Topic 1: Key concepts in physics -Topic 2: Forces and motion -Topic 3: Conservation of energy -Topic 4: Waves -Topic 5: Light and the electromagnetic spectrum -Topic 6: Radioactivity -Topic 7: Astronomy Paper 2 - Full -Topic 8: Energy - Forces doing work -Topic 9: Forces and their effects -Topic 10: Electricity and circuits -Topic 11: Static electricity -Topic 12: Magnetism and the motor effect</p>	<p>1. Revision guides and workbooks can be bought for a discount through school for CGP combined science; physics, chemistry, biology or separate science (be careful as combined science books will not contain all needed info for separate science) <a href="https://www.cgpbooks.co.uk/School/books_gcse_science.books_gcse_science_edexcel_revision">https://www.cgpbooks.co.uk/School/books_gcse_science.books_gcse_science_edexcel_revision</a></p> <p>2. Tassomai – students all have a personal log in for the website or can use the app. They should do a minimum of their daily goal. This is issued as homework and revision because it works so well <a href="https://www.tassomai.com/private">https://www.tassomai.com/private</a></p> <p>3. Revision past paper booklets and past paper question support. Available by asking your teacher or any science staff. These are already printed and ready to go!</p> <p>4. Gojimo app or online version - free multiple choice quizzes which are exam board specific <a href="http://app.gojimo.co/qualifications/">http://app.gojimo.co/qualifications/</a></p>

- Topic 13: Electromagnetic induction
- Topic 14: Particle model
- Topic 15: Forces and matter

### **Biology**

#### Paper 1 - Full

- Topic 1: Key concepts in biology
- Topic 2: Cells and control
- Topic 3: Genetics
- Topic 4: Natural selection and genetic modification
- Topic 5: Health, disease and the development of medicines

#### Paper 2 - Full

- Topic 6: Plant structures and their functions
- Topic 7: Animal coordination, control and homeostasis
- Topic 8: Exchange and transport in animals
- Topic 9: Ecosystems and material cycles

### **Chemistry**

#### Paper 1 - Full

- Topic 1: Key concepts in chemistry
- Topic 2: States of matter and mixtures
- Topic 3: Chemical changes
- Topic 4: Extracting metals and equilibria
- Topic 5: Separate chemistry 1

#### Paper 2 - Full

- Topic 6: Groups in the periodic table
- Topic 7: Rates of reaction and energy changes
- Topic 8: Fuels and Earth science
- Topic 9: Separate chemistry 2

5. Ted ED science education videos on YouTube
6. Seneca online science course – notes and explanations of common science concepts. Which are exam board specific  
<https://senecalearning.com/>
7. Fuse school revision videos on YouTube
8. S-cool revision resources - notes and explanations of common science concepts. Not exam board specific  
<https://www.s-cool.co.uk/gcse>
9. BBC bitesize – notes, explanations and quizzes of common science concepts. Which are exam board specific  
<https://www.bbc.co.uk/education/subjects/zrkw2hv>
10. Grade Gorilla – physics only notes and multiple choice quizzes  
<https://gradegorilla.com/index.php>
11. Revision science - notes and explanations of common science concepts. Not exam board specific  
<https://revisionscience.com/>
12. My GCSE science.com – paid set of resources and revision question materials  
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