

# Assessment Week 1 2020/21: Information for students, parents & carers - YEAR 11

Year 11 students will sit mock examinations when school reopens for Year 11

Subject	Topics to revise	Resources, further information and support
<b>Art</b>	<p><b>Detail</b>                      Students were given the starting point Detail, which they will develop into a personal project working in their preferred media and exploring their strengths.                      Students will not complete an assessment. Their sketchbooks and development work will be assessed by their class teacher during assessment week.                      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. (At this stage in the GCSE this will be looking at how students have created their own artwork in response to the artists studied, rather than a final outcome to the theme Wonderland).</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.bbc.co.uk/education/subjects/z6hs34j">http://www.bbc.co.uk/education/subjects/z6hs34j</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.youtube.com/watch?v=M_WhBvXRmUY">www.youtube.com/watch?v=M_WhBvXRmUY</a></p> <p><a href="https://uk.pinterest.com/explore/gcse-art-sketchbook/">https://uk.pinterest.com/explore/gcse-art-sketchbook/</a></p>
<b>Business Studies (BTEC)</b>	<p><b>Component 2</b>                      Planning and pitching an enterprise activity</p>	<p>Students have already been awarded grades for the external examination for this qualification. There is no further external assessment.</p> <p>Assessment data will be based on actual results from the completed components - Component 1 (coursework) and Component 3 (external exam) - and current progress with the final component (coursework).</p>
<b>Construction</b>	<p><b>Unit 1: Safety and Security in Construction.</b>                      All of the content of the unit will be examined in a past paper.  <b>Unit 3: Planning Construction Projects</b>                      All of the content of the unit will be examined in a past paper.</p>	<p>Students have been provided with revision information and past examination questions.</p> <p><a href="#">Unit 1 revision notes</a></p> <p><a href="#">Unit 3 revision notes</a></p>
<b>Computing</b>	<ul style="list-style-type: none"> <li>-Programming structures (iteration, selection, sequencing)</li> <li>-Converting binary to Denary (base 10) and Denary to binary</li> <li>-Representing data</li> <li>-Networks topologies, and the advantages/disadvantages of each type</li> <li>-Functions of a CPU/ parts of a CPU e.g. ALU,Cache,Control unit</li> <li>-Storage Devices(magnetic,optical and solid state)</li> </ul>	<p>Powerpoint in student resources:\Computing\GCSE Computing\Revision called cs revision students</p>

<b>Drama</b>	<p><b>Written paper 1 hour 45 mins</b>  Section A: Questions will be on the set Text DNA by Dennis Kelly.  Section B Live Performance - Frankenstein  <b>Performance of Text</b>  Performance of extract for Component 2 exam. Students must perform without their script and in costume.</p>	<p>Students can take home their folders to revise from. All students have a revision guide. Their completed portfolio and performance for Component 1 Devising, will also contribute towards their overall grade.</p>
<b>English Language GCSE</b>	<p><b>Language:</b>  This assessment mirrors the full assessment that students will complete for their final GCSE exam. It tests the reading and writing skills that they have built up over time in English.  Paper 1: In Section A, students are assessed on their reading of an unseen fiction text. There are 4 questions.  In Section B, students are assessed in their skills when writing their own fiction text. (1 hour and 45 minutes)   Paper 2: In Section A, students are assessed on their reading of two unseen non-fiction texts. There are four questions.  In Section B, students write their own non-fiction text to promote a viewpoint by persuading or arguing a point of view.   Some of the assessment tasks will take place in lessons over the course of the term.</p>	<p>This is a skills-based exam and the reading and writing skills need to be actively rehearsed.  <a href="https://www.bbc.co.uk/bitesize/topics/zgkj39q">https://www.bbc.co.uk/bitesize/topics/zgkj39q</a>  <a href="https://www.bbc.co.uk/bitesize/topics/z34dycw">https://www.bbc.co.uk/bitesize/topics/z34dycw</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zyg9nbk">https://www.bbc.co.uk/bitesize/topics/zyg9nbk</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zs3chv4">https://www.bbc.co.uk/bitesize/topics/zs3chv4</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zpyg6fr">https://www.bbc.co.uk/bitesize/topics/zpyg6fr</a>  <a href="https://www.youtube.com/user/mrbruff">https://www.youtube.com/user/mrbruff</a></p>
<b>English Literature</b>	<p><b>Literature:</b>  This assessment mirrors the full assessment that students will complete for their final GCSE exam. There are two exam papers which test their understanding of texts that they have read across the course and which assess their knowledge and understanding of those texts and their ability to closely analyse extracts of text.  Paper 1: 'Macbeth OR 'Romeo and Juliet' and 'A Christmas Carol'. (1 hour 30 minutes)  Paper 2: 'An Inspector Calls OR 'Blood Brothers' and, for sets 1 - 4 only, how to respond to unseen poetry.   Some of the assessment tasks will take place in lessons over the course of the term.</p>	<p><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>  Seneca Learning - AQA English Literature course  <a href="https://senecalearning.com/">https://senecalearning.com/</a></p>
<b>Religious Studies</b>	<p><b>Full Mock - All topics covered</b>  <b>Component 1: Themes - Issues of Relationships</b>  Religious views on: divorce, marriage, adultery, homosexuality, family.  Societal influences on the role of men and women and the importance of family in modern Britain.   <b>Component 2: Themes - Issues of Life and Death</b>  Religious views on: afterlife, euthanasia, abortion, evolution, quality and sanctity of life an the soul..  Religious and scientific accounts of Creation and if they can co-exist   <b>Component 3: Themes - Issues of Good and Evil</b>  Original Sin, Free Will, Evil and the challenge it presents to God, Sins and crimes, the reasons for punishment and the death penalty</p>	<p>Exercise books.  Revision  <a href="http://www.bbc.co.uk/schools/gcsebitesize/rs/relationships/">http://www.bbc.co.uk/schools/gcsebitesize/rs/relationships/</a>  <a href="https://www.bbc.com/bitesize/topics/zwqyrdm">https://www.bbc.com/bitesize/topics/zwqyrdm</a>  <a href="http://www.nhs.uk/Conditions/Euthanasiaandassisfedsuicide/Pages/Introduction.aspx">http://www.nhs.uk/Conditions/Euthanasiaandassisfedsuicide/Pages/Introduction.aspx</a>  <a href="http://www.bbc.co.uk/education/guides/z3fbwmn/revision">http://www.bbc.co.uk/education/guides/z3fbwmn/revision</a>  <a href="http://www.bbc.co.uk/ethics/animals/rights/speciesism.shtml">http://www.bbc.co.uk/ethics/animals/rights/speciesism.shtml</a>  <a href="http://www.dignityindying.org.uk/about-us/">http://www.dignityindying.org.uk/about-us/</a></p>

	<p><b>Component 4: Themes - Issues of Human Rights</b> Human rights and social justice, prejudice and discrimination, issues of wealth and poverty</p> <p><b>Paper 2: Issues of Christianity</b> <b>Christian Beliefs</b> Creation, Nature of God, Jesus (birth, crucifixion, passion narrative, resurrection, ascension), Afterlife, Bible, Key figures (Adam, Abraham, Moses, Jesus)</p> <p><b>Christian Practices</b> Worship, Sacraments - Eucharist and baptism, Pilgrimage, Wealth, Church in community, Church in Britain</p> <p><b>Comp 3: Issues of a World Faith (Islam)</b> <b>Islamic Beliefs</b> Mohammad, Quran, Allah, Angels, Prophets</p> <p><b>Islamic Practices</b> Pilgrimage, Prayer, Five Pillars/Ten Obligatory Acts, Sunni/Shia divide</p>	<p><a href="https://humanism.org.uk/campaigns/public-ethical-issues/assisted-dying/">https://humanism.org.uk/campaigns/public-ethical-issues/assisted-dying/</a></p> <p><a href="http://www.bbc.co.uk/education/guides/zhmhgk7/revision">http://www.bbc.co.uk/education/guides/zhmhgk7/revision</a> <a href="http://www.bbc.co.uk/religion/religions/christianity/beliefs/originalsin_1.shtml">http://www.bbc.co.uk/religion/religions/christianity/beliefs/originalsin_1.shtml</a></p> <p><a href="https://www.equalityhumanrights.com/en/human-rights/human-rights-act">https://www.equalityhumanrights.com/en/human-rights/human-rights-act</a> <a href="https://www.biography.com/people/martin-luther-king-jr-9365086">https://www.biography.com/people/martin-luther-king-jr-9365086</a> <a href="https://www.gotquestions.org/social-justice.html">https://www.gotquestions.org/social-justice.html</a> <a href="https://sojo.net/articles/social-justice-christian-tradition-not-liberal-agenda">https://sojo.net/articles/social-justice-christian-tradition-not-liberal-agenda</a> <a href="https://www.al-islam.org/lessons-quran-muhsin-qa-raati/social-justice">https://www.al-islam.org/lessons-quran-muhsin-qa-raati/social-justice</a> <a href="http://www.bbc.co.uk/schools/gcsebitesize/rs/prejudice/">http://www.bbc.co.uk/schools/gcsebitesize/rs/prejudice/</a></p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zf9g4qt/revision/1">https://www.bbc.co.uk/bitesize/guides/zf9g4qt/revision/1</a> <a href="https://www.bbc.co.uk/bitesize/guides/zdhmtv4/revision/1">https://www.bbc.co.uk/bitesize/guides/zdhmtv4/revision/1</a> <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>
<p><b>Food &amp; Nutrition</b></p>	<p>Students will complete a full past paper covering all taught content including:</p> <p>Food preparation skills and cooking techniques Food, nutrition and health Food Science Food safety Food choice Food provenance</p>	<p>Students will have their revision guides and workbooks to revise previous topics. BBC - GCSE bitesize <a href="https://www.bbc.co.uk/bitesize/subjects/zdn9jhw">https://www.bbc.co.uk/bitesize/subjects/zdn9jhw</a></p> <p>The links below are for the current topics:</p> <p><a href="https://www.ifst.org/lovefoodlovescience/resources?keyword=">https://www.ifst.org/lovefoodlovescience/resources?keyword=</a> <a href="https://www.ifst.org/lovefoodlovescience/resources?keyword=&amp;page=1">https://www.ifst.org/lovefoodlovescience/resources?keyword=&amp;page=1</a> <a href="https://www.ifst.org/lovefoodlovescience/resource">https://www.ifst.org/lovefoodlovescience/resource</a></p>

		<a href="#">s?keyword=&amp;page=2</a>
<b>French</b>	<p>Students will complete full past papers in the three skills of listening, reading and writing. All topics and themes covered will be on the papers.</p> <p>Theme 1: Identity and culture  Theme 2: Local, national, international and global areas of interest  Theme 3: Current and future study and employment</p>	<p>Exercise books  Forever phrases  Cheat sheet, particularly for the writing paper.  BBC - GCSE bitesize  <a href="https://www.bbc.co.uk/bitesize/examspecs/zr8bmf/">https://www.bbc.co.uk/bitesize/examspecs/zr8bmf/</a>  <a href="https://www.senecalearning.com/">https://www.senecalearning.com/</a>  <a href="https://www.pearsonactivelearn.com/app/library/series/view/714967?foc=true&amp;#/exercises">https://www.pearsonactivelearn.com/app/library/series/view/714967?foc=true&amp;#/exercises</a>  <a href="https://www.memrise.com/course/52220/aqa-gcse-french-vocabulary/">https://www.memrise.com/course/52220/aqa-gcse-french-vocabulary/</a>  <a href="https://quizlet.com/183455422/aqa-gcse-french-vocabulary-flash-cards/">https://quizlet.com/183455422/aqa-gcse-french-vocabulary-flash-cards/</a>  <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>
<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 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</p>	<p>Students will be given copies of all 7 knowledge organisers. They will also be posted on Class Charts.</p> <p>Passed mock paper and homework exam questions for students to retry in their folders and available on Class Charts/ via email (students can email for additional exam questions).</p>

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 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.

#### **Challenge of resource management**

The significance of food, water and energy to economic and social well-being. An overview of

	<p>global inequalities in the supply and consumption of resources.</p> <p><b>Food:</b>The growing demand for high-value food exports from low income countries and all-year demand for seasonal food and organic produce, larger carbon footprints due to the increasing number of 'food miles' travelled, and moves towards local sourcing of food,the trend towards agribusiness.</p> <p><b>Energy:</b>The changing energy mix – reliance on fossil fuels, growing significance of renewables, reduced domestic supplies of coal, gas and oil, economic and environmental issues associated with exploitation of energy sources.</p> <p><b>Water:</b> Areas of surplus (security) and deficit (insecurity), global patterns of water surplus and deficit, reasons for increasing water consumption (economic development, rising population), factors affecting water availability (climate, geology, pollution of supply, over abstraction, limited infrastructure, poverty. Impacts of water insecurity – waterborne disease and water pollution, food production, industrial output, potential for conflict where demand exceeds supply) .Overview of strategies to increase water supply (diverting supplies and increasing storage, dams and reservoirs, water transfers and desalination) an example of a large scale water transfer scheme to show how its development has both advantages and disadvantages: Lesotho Highland Water Project. Moving towards a sustainable resource future (water conservation, groundwater management, recycling, 'grey' water), an example of a local scheme in an LIC or NEE to increase sustainable supplies of water: Wakel River Basin</p> <p><b><u>AQA Paper 3 Section B: Fieldwork</u></b></p> <p>Students must be aware of general data collection methods, risk assessment, sampling methods, data presentation methods and analysis methods which can be used in any human or physical fieldwork.</p>	
<p><b>Health and Social Care</b></p>	<p><b><u>Component 2 - Health and Social Care Services</u></b></p> <p>-Different types of health and social care services and barriers to accessing them - primary, secondary and tertiary care.</p>	<p>Students have already been awarded grades for the external examination for this qualification. There is no further external assessment.</p> <p>Assessment data will be based on actual results from the completed components - Component 1 (coursework) and Component 3 (external exam) - and current progress with the final component (coursework).</p>

<b>History</b>	<p><b>Paper 1 - Crime and Punishment 1000-present day</b>          Medieval England, early modern England, industrial Britain, modern Britain          For each time period: crime, law enforcement, punishment, reasons for change, case studies  <b>Paper 1 - Whitechapel, 1870-1900</b>          Housing, poverty, crimes, immigration, policing, Jack the Ripper</p> <p><b>Paper 2 - Anglo-Saxon and Norman England, c1060-c1088</b>          Anglo-Saxon England, the Norman Conquest, Norman England</p> <p><b>Paper 3 - USA: conflict and home and abroad, 1954-1975</b>          Civil rights movement and the Vietnam War</p>	<p>Students have their exercise books and revision guides at home and these should be used to test themselves on the key knowledge. They will create some revision materials in class which should also be taken home to complete and used to test themselves.</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></p> <p><a href="https://drive.google.com/drive/folders/1iSOyczf4JkMf9rtmGrpTXiRImXnlnH8?usp=sharing">https://drive.google.com/drive/folders/1iSOyczf4JkMf9rtmGrpTXiRImXnlnH8?usp=sharing</a></p>
<b>Maths</b>	<p>The topics a student will need to revise depend on the class they are in.</p> <p>The links appropriate for each class are underneath the HegartyMaths Link</p> <p><b>The best way to use HegartyMaths to revise is the following</b></p> <p><i>Watch videos</i>  <i>Take notes</i>  <i>Answer Questions</i></p>	<p>HegartyMaths</p> <p><a href="http://HegartyMaths.com">HegartyMaths.com</a></p> <p>Revision Lists for use with Hegarty</p> <p><a href="#">Set 1 and 2 Revision List with Video Clip Numbers</a></p> <p><a href="#">Set 3,4, and 5 Revision List with Video Clip Numbers</a></p> <p><a href="#">Set 6 Revision List with Video Clip Numbers</a></p>
<b>Sport OCR Cambridge National</b>	<p>Unit RO56 Developing knowledge and skills in outdoor activities - In this unit students will be assessed on their knowledge of a variety of outdoor activities, where each activity can be carried out and the provision of outdoor sport. They will also be assessed on the value of outdoor sport and use their knowledge to plan an outdoor activity session. Finally they will take part in outdoor sports and be assessed on their participation.</p>	<p>Use resources on google classroom</p>
<b>Photography</b>	<p><b>Independent Project</b></p> <p>Students were given the choice of three starting points, these were: Reflections, Diary, Repetition and Groups.</p> <p>Students will not complete an assessment. Their sketchbooks/ digital sketchbooks and personal response to their theme will be assessed by their class teacher during assessment week. They will be assessed Using the AQA Assessment Objectives:</p> <ul style="list-style-type: none"> <li>-AO1: Develop ideas through investigation, demonstrating critical understanding of sources.</li> <li>-AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media materials, techniques and processes.</li> <li>-AO3: Record ideas, observations and insights relevant to intentions as work progresses.</li> <li>-AO4: Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.</li> </ul>	<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=PLFD8698F06B3DAE54">www.youtube.com/playlist?list=PLFD8698F06B3DAE54</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/photograp">http://www.studentartguide.com/articles/photograp</a></p>

		<a href="https://www.pinterest.com/explore/hy-sketchbook-ideas">hy-sketchbook-ideas</a> <a href="https://uk.pinterest.com/explore/photography-sketchbook/">https://uk.pinterest.com/explore/photography-sketchbook/</a>
<b>Science (Combined)</b>	<p><b><u>Full Paper 1 and 2:</u></b></p> <p><b><u>Physics 1</u></b>  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><b><u>Physics 2</u></b>  Topic 1: Key concepts of physics  Topic 8: Energy - Forces doing work  Topic 9: Forces and their effects  Topic 10: Electricity and circuits  Topic 12: Magnetism and the motor effect  Topic 13: Electromagnetic induction  Topic 14: Particle model  Topic 15: Forces and matter</p> <p><b><u>Biology 1</u></b>  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><b><u>Biology 2</u></b>  Topic 1: Key concepts in biology  Topic 6: Plant structures and their function  Topic 7: Animal coordination, control and homeostasis  Topic 8: Exchange and transport in animals  Topic 9: Ecosystems and material cycles</p> <p><b><u>Chemistry 1</u></b>  Topic 1: Key concepts in chemistry  Topic 2: States of matter and mixtures  Topic 3: Chemical changes  Topic 4: Extracting metals and equilibria</p> <p><b><u>Chemistry 2</u></b>  Topic 1: Key concepts in chemistry</p>	<ol style="list-style-type: none"> <li>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></li> <li>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">https://www.tassomai.com</a></li> <li>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!</li> <li>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></li> <li>5. Ted ED science education videos on YouTube</li> <li>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></li> <li>7. Fuse school revision videos on YouTube</li> <li>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></li> <li>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></li> <li>10. Grade Gorilla – physics only notes and multiple choice quizzes  <a href="https://gradedgorilla.com/index.php">https://gradedgorilla.com/index.php</a></li> </ol>

	<p>Topic 6: Groups in the periodic table  Topic 7: Rates of reaction and energy changes  Topic 8: Fuels and Earth science</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>  12. My GCSE science.com – paid set of resources and revision question materials <a href="https://www.my-gcse-science.com/">https://www.my-gcse-science.com/</a>  13. Oak national academy: <a href="https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4">https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4</a></p>
<p><b>Science (Triple)</b></p>	<p><b>Full Paper 1 and 2:</b>  <b>Physics 1</b>  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</p> <p><b>Physics 2</b>  Topic 1: Key concepts of physics  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  Topic 13: Electromagnetic induction  Topic 14: Particle model  Topic 15: Forces and matter</p> <p><b>Biology 1</b>  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><b>Biology 2</b>  Topic 1: Key concepts in biology  Topic 6: Plant structures and their function  Topic 7: Animal coordination, control and homeostasis  Topic 8: Exchange and transport in animals</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>  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">https://www.tassomai.com</a>  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!  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>  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 <a href="https://senecalearning.com/">https://senecalearning.com/</a>  7. Fuse school revision videos on YouTube  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>Topic 9: Ecosystems and material cycles</p> <p><b>Chemistry 1</b></p> <p>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</p> <p><b>Chemistry 2</b></p> <p>Topic 1: Key concepts in chemistry  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</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>13. Oak national academy:  <a href="https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4">https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4</a></p>
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