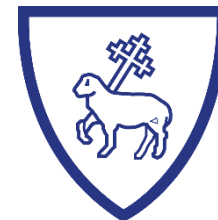


Brockington College

Year 11 Mock Exams

Subject Revision List



The list below gives you advice about what you should be revising for your mock exams. This might look a bit daunting, but if you take time to plan your revision out carefully and try different methods of revising you will reduce your stress levels and maximise your chances of doing well. The main thing is that you **try your very hardest** for these mock papers – your teachers will give you detailed feedback about your performance that will help you to improve before you start your real exams in May! Good luck!

<u>Subject</u>	<u>Paper</u>	<u>Revision Focus</u>	<u>Recommended websites/APPs?</u>
English	Language Component 1	<u>Reading Paper – Fiction</u> <ul style="list-style-type: none">• Know your exam timings• Know your question stems and how to tackle them <u>Writing Paper – Narrative (story)</u> <ul style="list-style-type: none">• Adapting story to different titles• Creating setting, character• Structuring story to have a beginning, middle and end	Brockington Language Revision Guide
	Literature Component 1	<u>Romeo and Juliet</u> <ul style="list-style-type: none">• Know your timings• Go over plans for different possible questions• Revise characters and themes <u>Poetry anthology</u> <ul style="list-style-type: none">• Revise conflict poetry• Know your timings	Brockington Literature Revision Guide: Romeo and Juliet Brockington Literature Revision Guide: Poetry Anthology

Maths	Paper 1	➤ All non-calculator Topics	HegartyMaths – an online revision tool available for all pupils. <i>Students have been given their login and password by their teachers</i>
	Paper 2	➤ All calculator-allowed topics	
	Paper 3	➤ All calculator-allowed topics	
Combined Science	Biology	<ul style="list-style-type: none"> ➤ Cell biology ➤ Organisation ➤ Infection and response ➤ Bioenergetics 	BBC Bitesize: Science Kerboodle Useful Resource 1 Useful Resource 2
	Chemistry	<ul style="list-style-type: none"> ➤ Atomic structure and periodic table ➤ Bonding, structure and properties of matter ➤ Energy changes ➤ Chemical analysis 	
	Physics	<ul style="list-style-type: none"> ➤ Energy ➤ Particle model of matter ➤ Atomic structure ➤ Forces 	
Triple Science	Biology Paper 1	<ul style="list-style-type: none"> ➤ Cell biology ➤ Organisation ➤ Infection and response ➤ Bioenergetics 	
	Chemistry Paper 1	<ul style="list-style-type: none"> ➤ Atomic structure and the periodic table ➤ Bonding, structure & properties of matter ➤ Quantitative chemistry ➤ Chemical changes ➤ Energy changes 	
	Physics Paper 1	<ul style="list-style-type: none"> ➤ Energy ➤ Electricity ➤ Particle model of matter ➤ Atomic structure 	
History	Paper 3 – The Rise of Nazi Germany, 1919-39	<p><i>You may be examined on any area from the following key topics:</i></p> <p>The Weimar Republic, 1919-29</p> <ul style="list-style-type: none"> ➤ <u>WWI and the Weimar Constitution</u> 	BBC Bitesize: Nazi Germany

		<ul style="list-style-type: none"> ➤ Treaty of Versailles and the Dolschtoss ➤ Spartacist Uprising, the Kapp Putsch and the Munich Putsch ➤ The Crises of 1923 ➤ Recovery under Stresemann ➤ Cultural changes <p>Life in Nazi Germany, 1933-39</p> <ul style="list-style-type: none"> ➤ Unemployment ➤ Life for women in Nazi Germany 			
Religious Studies	Paper 1 – Religions	<p><i>You may be examined on any area from the following key topics:</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Christian beliefs:</p> <ul style="list-style-type: none"> ➤ The nature of God ➤ The Oneness of God and the Trinity ➤ The incarnation of Jesus ➤ Crucifixion, resurrection and ascension ➤ The afterlife and judgment ➤ Heaven and hell ➤ Sin and salvation <p>Christian practices:</p> <ul style="list-style-type: none"> ➤ Worship and prayer ➤ Sacraments: baptism ➤ Sacraments: Holy communion ➤ Pilgrimage ➤ Festivals/celebrations ➤ The role of the Church ➤ Church growth ➤ Mission and evangelism ➤ Persecution ➤ Church’s response to poverty </td> <td style="width: 50%; vertical-align: top;"> <p>Buddhist beliefs:</p> <ul style="list-style-type: none"> ➤ The Buddha’s life and its significance ➤ The Four Noble Truths ➤ The Concept of Dhamma (Dharma) ➤ The Concept of dependent arising ➤ The Three Marks of Existence ➤ The human personality ➤ Buddhahood and the Pure Land <p>Buddhist practices:</p> <ul style="list-style-type: none"> ➤ The nature, use and importance of Buddhist places of worship ➤ Puja ➤ Meditation, the different aims, significance and methods of meditation ➤ Festivals and retreats and their importance to Buddhists in Great Britain today, including the celebration, origins and significance ➤ The five moral precepts (pancha/sila) </td> </tr> </table>	<p>Christian beliefs:</p> <ul style="list-style-type: none"> ➤ The nature of God ➤ The Oneness of God and the Trinity ➤ The incarnation of Jesus ➤ Crucifixion, resurrection and ascension ➤ The afterlife and judgment ➤ Heaven and hell ➤ Sin and salvation <p>Christian practices:</p> <ul style="list-style-type: none"> ➤ Worship and prayer ➤ Sacraments: baptism ➤ Sacraments: Holy communion ➤ Pilgrimage ➤ Festivals/celebrations ➤ The role of the Church ➤ Church growth ➤ Mission and evangelism ➤ Persecution ➤ Church’s response to poverty 	<p>Buddhist beliefs:</p> <ul style="list-style-type: none"> ➤ The Buddha’s life and its significance ➤ The Four Noble Truths ➤ The Concept of Dhamma (Dharma) ➤ The Concept of dependent arising ➤ The Three Marks of Existence ➤ The human personality ➤ Buddhahood and the Pure Land <p>Buddhist practices:</p> <ul style="list-style-type: none"> ➤ The nature, use and importance of Buddhist places of worship ➤ Puja ➤ Meditation, the different aims, significance and methods of meditation ➤ Festivals and retreats and their importance to Buddhists in Great Britain today, including the celebration, origins and significance ➤ The five moral precepts (pancha/sila) 	<p style="text-align: center;"><u>BBC Bitesize: Christianity</u></p> <p style="text-align: center;"><u>BBC Bitesize: Christianity Part 2</u></p> <p style="text-align: center;"><u>BBC Bitesize: Buddhism</u></p> <p style="text-align: center;"><u>BBC Bitesize: Buddhism Part 2</u></p>
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			➤ The Six Perfections in the Mahayanan tradition	
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<p>Geography</p>	<p>Paper 1 – Geographical Issues</p>	<p><i>You may be examined on any area from the following key topics:</i></p> <p>➤ <u>Urban issues</u> Urbanisation and suburbanisation Urban-rural fringe Urban problems Commuter settlements Counter-urbanisation Urban sprawl/Green belt, Service provision Catchment area Consumer goods/ comparison goods, Types of retail City centre retail redevelopment Megacities Push/pull factors Population change natural increase, net migration Urban renewal Transport infrastructure/mass transit Inward and outward mobility Rural-to-urban migration Urban growth Pavement-dwellers, slum housing, Formal and informal employment</p>	<p>➤ <u>Weather and climate</u> Tropical climate Hot semi-arid climate Factors affecting UK climate Air masses over the UK Depressions and anticyclones Rainfall Tropical cyclones Drought Climate differences and influences Continental and maritime climate Tropical climate Low pressure weather – cyclone High pressure weather – drought</p> <p>➤ <u>Climate change</u> Climate change during the quaternary period Milankovic cycles Greenhouse effect and its causes Potential effects of climate change Challenges faced by LICs Strategies to reduce the risk of climate change in the UK</p>	<p><u>BBC Bitesize: Urban Environments</u> **This website talks about MEDCs/LEDCs – remember this has now changed to <u>LIC/MIC/HIC</u></p> <p><u>BBC Bitesize: Weather and Climate</u></p> <p><u>BBC Bitesize: The Greenhouse Effect</u></p>
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Paper 2 – Problem Solving Geography

You may be examined on any area from the following key topics:

➤ **Coasts**

Coastal geology
Weathering
Erosion
Deposition
Constructive and destructive waves
Coastal features such as *headlands, bays, wave-cut notches, wave-cut platforms and stack formation*
Longshore drift
Hard engineering strategies (*sea wall, groynes, rock armour, gabion boxes, revetments*)
Soft engineering strategies (*beach nourishment/replenishment, managed retreat/realignment*)
Case Study (Happisburgh)

➤ **Development**

GNI per capita
Social development indicators
HDI
What is globalisation
NICs
MNCs (Apple)
MNC – advantages and disadvantages
Tata case study
Globalisation positives
Nepal case study
UK globalisation
Global trade
Trade inequality
Fairtrade

➤ **Rivers and water supply**

The course of a river (upper/middle/lower)
Erosion (abrasion, attrition, hydraulic action, corrosion), transportation (traction, saltation, suspension, solution), deposition

[BBC Bitesize: Coasts](#)

[BBC Bitesize: Rivers](#)

[BBC Bitesize: Development](#)

<p>Business Studies</p>	<p>Theme 1: Investigating Small Business</p>	<p>You will be examined on the following key topics</p> <ul style="list-style-type: none"> ➤ Topic 1.1 Enterprise and entrepreneurship ➤ Topic 1.2 Spotting a business opportunity ➤ Topic 1.3 Putting a business idea into practice ➤ Topic 1.4 Making the business effective ➤ Topic 1.5 Understanding external influences on business 	<p><u>BBC Bitesize: Business Studies</u></p> <p><u>Edexcel Exam Specification and Practice Papers</u></p> <p><u>Useful Link 1</u></p>
	<p>Computer Science</p>	<p>Paper 1 - Computer Systems</p>	<ul style="list-style-type: none"> ➤ Systems architecture ➤ Memory ➤ Storage ➤ Wired and wireless networks ➤ Network topologies, protocols and layers ➤ System security ➤ System software ➤ Ethical, legal, cultural and environmental concerns
<p>Paper 2 - Computational Thinking, Algorithms and Programming</p>		<ul style="list-style-type: none"> ➤ Algorithms ➤ Programming techniques ➤ Producing robust programs ➤ Computational logic ➤ Translators and facilities of languages ➤ Data representation 	

<p style="text-align: center;">CiDA</p>	<p>Unit 1: Developing Web Products</p>	<ul style="list-style-type: none"> ➤ Understanding the client brief ➤ Planning and creating a multipage website ➤ Modifying media elements to include in the website ➤ Testing the website ➤ Evaluating the website 	<p style="text-align: center;"> Useful Resource 1 YouTube Link 1 YouTube Link 2 YouTube Link 3 YouTube Link 4 </p>
<p style="text-align: center;">Creative iMedia</p>	<p>Pre-Production Skills</p>	<ul style="list-style-type: none"> ➤ Learning Outcome 1: Understand the purpose and content of pre-production ➤ Learning Outcome 2: Be able to plan pre-production ➤ Learning Outcome 3: Be able to produce pre-production documents ➤ Learning Outcome 4: Be able to review pre-production documents 	<p style="text-align: center;"> YouTube Link 1 YouTube Link 2 </p>
<p style="text-align: center;">BTEC Sport</p>	<p>Unit 1: Fitness for Sports Participation</p>	<p>You may be examined on any area from the following key topics</p> <ul style="list-style-type: none"> ➤ Components of Health Related Fitness ➤ Components of Skill Related Fitness ➤ Why Fitness Components are important for successful participation in sport ➤ Exercise intensity ➤ The principles of training ➤ Fitness Training – organisation, participation and advantages/disadvantages ➤ Fitness Testing – protocols, reliability, conducting the tests, interpreting the results 	<p style="text-align: center;"> Useful Resource 1 Useful Resource 2 Useful Resource 3 </p> <p style="text-align: center;">You can find other resources by searching: BTEC Sport Level 2 Unit 1 revision</p>

<p>BTEC Health and Social Care</p>	<p>Paper 1 – Health and Wellbeing</p>	<p>Learning Aim A:</p> <ul style="list-style-type: none"> ➤ This will be a case study and you have to analyse different factors that affect their health and wellbeing from the case study ➤ Remember to think about how it affects: ➤ Physical health ➤ Intellectual wellbeing ➤ Emotional wellbeing ➤ Social wellbeing ➤ Revise all the factors that can affect H&W <p>Learning Aim B:</p> <ul style="list-style-type: none"> ➤ You will be asked to review some lifestyle (diet, exercise, alcohol etc) data, BMI data and blood pressure data and suggest how these are: ➤ Affecting the case study’s current health ➤ Will affect the case study’s future health ➤ Revise how to interpret the data ➤ Revise how different results/readings can affect H&W now and in the future <p>Learning Aim C</p> <ul style="list-style-type: none"> ➤ You will be asked to recommend some ways the case study can improve their health and wellbeing, setting short and long-term (SMART) targets. ➤ You will also be asked to recommend some formal/informal support options that they may be able to use ➤ You will then have to review your plan and say how you have met their needs (person-centred) ➤ You will also need to discuss any obstacles the case study might face when implementing your plan 	
<p>Music (GCSE)</p>	<p>Listening and Appraising Music</p>	<ul style="list-style-type: none"> ➤ Concerto through time ➤ Conventions of Pop ➤ World music ➤ Film and computer game music 	<p>➤ OCR GCSE Music Virtual Textbook: YouTube playlists</p>

<p>BTEC Music</p>	<p>Unit 1: The Music Industry</p>	<ul style="list-style-type: none"> ➤ All areas covered in Unit 1 lessons 	
<p>Design & Technology</p>	<p>Paper 1</p>	<p>You may be examined on the following key topics</p> <p><u>Core Technical Principles</u></p> <ul style="list-style-type: none"> ➤ Input and output devices ➤ Levers ➤ Materials and their properties inc smart and composite materials ➤ Fibres <p><u>Specialist Technical Principles</u></p> <ul style="list-style-type: none"> ➤ Working with paper and board (Graphics) ➤ Joining and Shaping fabrics (Textiles) ➤ Shaping techniques (Resistant Materials) ➤ Surface finishes ➤ Scales of Production ➤ Physical Properties of materials ➤ Recycling materials <p><u>Designing and Making Principles</u></p> <ul style="list-style-type: none"> ➤ Ergonomics ➤ Quality Control ➤ Market Research ➤ Prototyping ➤ Computer Aided Design/ Computer Aided Manufacturing 	<p><u>Designers</u> – You must be able to write about one of the following Designers</p> <ul style="list-style-type: none"> ➤ Coco Chanel ➤ Alexander McQueen ➤ William Morris ➤ Mary Quant ➤ Vivienne Westwood ➤ Marcel Breuer ➤ Norman Foster ➤ Charles Rennie Mackintosh ➤ Aldo Rossi ➤ Harry Beck ➤ Gerrit Rietveld ➤ Ettore Sottsass ➤ Raymond Templier ➤ Louis Comfort Tiffany ➤ Alec Issigonis

<p style="text-align: center;">Food Preparation and Nutrition</p>		<p>Topic 1 – Food Nutrition and Health</p> <ul style="list-style-type: none"> • Proteins • Fats • Carbohydrates • Vitamins • Minerals • Fibre • Eat well guide and healthy eating guidelines • Nutrition of different age groups • Diet related health problems • Energy Needs <p>Topic 2 –Food Science</p> <ul style="list-style-type: none"> • Heat Transfer • Cooking methods • Properties of protein • Properties of carbohydrates • Properties of fats • Raising agents 	<p>Topic 3 – Food Safety</p> <ul style="list-style-type: none"> • Food Spoilage • Safe Storage • Food Poisoning <p>Topic 4 – Food Choice</p> <ul style="list-style-type: none"> • Influence on food choice • Culture, religion& morals • Food Labelling • Marketing • Sensory Testing <p>Topic 5 – Food Provenance</p> <ul style="list-style-type: none"> • Growing and rearing food • Sustainability • Processing • Modifications 	<p style="text-align: center;"><u>Seneca Learning: AQA Food Preparation and Nutrition</u></p>
<p style="text-align: center;">Media Studies</p>	<p style="text-align: center;">Component 1: Exploring the Media</p>	<ul style="list-style-type: none"> • Newspapers • Magazines • Print Advertising • Film Marketing 		<p style="text-align: center;"><u>Media Fact Sheets</u></p> <p style="text-align: center;"><u>Set Media exam products</u></p>