

**YEAR 10 TRIAL EXAMINATIONS
REVISION TOPIC LISTS
APRIL 2026**

Link to [Beths Grammar School Curriculum Maps](#)

Link to [Study Support booklet with Exam specifications and links to past papers](#)

SUBJECT	TOPIC LIST	ADVICE FOR STUDENTS
ANCIENT HISTORY	<p>Persia: Topic 2: Cambyses Topic 3: Darius Topic 4: Xerxes</p> <p>Alexander: Topic 1: Alexander's birth and youth, relationship with parents Theme: Macedonian army, Alexander's leadership</p>	Materials available on MS Teams
BIOLOGY	<p>B1-B3.2/.3 B1 (B1.1, 1.2, 1.3, 1.4)-Cell Level Systems, B2-Scaling Up (B2.1, B2.2), B3 - Organism Level Systems (B3.1, B3.2, B3.3)</p>	Practice papers, active recall e.g. blurring, read around the subject. Paper will be 15 MCQs and remainder mix short and long answer questions with one 6 marker.
BUSINESS	<p>All of 3.1 Business in the real world All of 3.2 Influences on business 3.4.1 Organisational structures 3.4.2 Recruitment and selection of employees 3.4.3 Motivating employees</p>	<p>Use your topic booklets to revise your knowledge. Make sure you understand and can apply the correct structure for both 6-mark and 9-mark questions.</p> <p>For a 6-marker, you should develop two clear points, each fully explained and applied to the context where possible.</p> <p>For a 9-marker, you should write three developed paragraphs: Paragraph 1: A clear point in favour (PEEL – Point, Explain, Apply, Link). Paragraph 2: A clear point against (PEEL – Point, Explain, Apply, Link). Paragraph 3: A conclusion following AJIM: Answer the question directly. Justify your decision using the strongest argument. It depends on – acknowledge the key condition or factor.</p>

		<p>Most importantly – identify the factor that matters most and explain why.</p> <p>Remember: structure secures marks. Even strong knowledge can lose marks if it isn't organised clearly and logically.</p>
CHEMISTRY	Unit C1 to C3 all of the chapters in them i.e. C1.1 to 3.4 no Unit 4	<p>You should do all of the paper 3 exam papers available online eg from here</p> <p>https://www.ocr.org.uk/qualifications/gcse/gateway-science-suite-chemistry-a-j248-from-2016/assessment/</p> <p>We will be using past paper questions to make the exam paper only from OCR exam board. This means at least 6 or 7 years worth of papers until 2024 to 2025.</p>
COMPUTER SCIENCE	CPU, Fetch-Decode-Execute Cycle, Registers, Binary, LANS/WANS, Network Topologies, Network Hardware, Utility Software, Truth Tables, Logic Gates, Algorithms, Search Techniques, Trace Tables.	1 hour 30 minute paper combining Module 1 and 2 topics. Non-Calculator.
DESIGN TECHNOLOGY (DT)	<ul style="list-style-type: none"> • Design and Technology Edexcel <ul style="list-style-type: none"> ○ Wastage and Addition Techniques ○ Thermoforming Polymers and Thermosetting Polymers ○ The Impact of New and Emerging Technologies ○ Surface Treatment and Finishes ○ Stock Forms, Types and Sizes ○ Sources and Geographical Origins ○ Social, Ecological and Economic Footprint ○ Smart and Modern Materials ○ Scales of Production and Quality Control ○ Processes and Production - Deforming and Reforming ○ Physical Characteristics and Material Properties ○ Natural, Synthetic, Blended and Mixed Fibres. Blended and Knitted Fabrics ○ Natural and Manufactured Timber ○ Mechanical Devices ○ How Energy is Generated and Stored ○ Electronic Systems ○ Categories of Papers and Boards ○ Categories and Properties of Ferrous and Non-Ferrous Metals ○ Analysing the Work of Others to Inform Design 	

DRAMA	Refugee Boy Set text Vocal skills Physical skills Character Motivation Set Design - set and props, costume Live Theatre	Re-read the script. Watch a show on Drama Online Read questions carefully - if it has bullet points these are to tell you what to include. Don't forget your context/intro where needed. Always add your quotes in. Remember the original production.
ECONOMICS	Topic 1- Economic foundations Topic 2- Resource allocation Topic 3- How prices are determined Topic 4- Production, costs revenue and profit Topic 5- Competitive and concentrated markets	Duration of trial exam will be 1 hour and 45mins, students are expected to answer all questions. The assessment will include multiple choice questions, definitions, diagrams, numerical questions, short answer questions, 6-mark questions and 9-mark question. Revise all topic booklet (1-5) and complete task sheet question at the end of each booklet. Practice 6 mark and 9-mark questions, always remember to reference the case study in your response. Equipment needed: A pen, pencil, ruler, highlighter and calculator.
ENGINEERING	Engineering Materials, Manufacturing Processes, Systems & Control Technology, Testing & Investigation, Modern Technologies & Innovation, Practical Engineering Skills, Design (Drawings, CAD/CAM), Health & Safety / Quality Control, Sustainability / Environmental Awareness Manufacturing Processes Systems & Control Technology Testing & Investigation Modern Technologies & Innovation Practical Engineering Skills	Properties of metals, polymers, ceramics, composites Machining, moulding, joining, finishing methods Input-process-output, circuits, mechanics, control systems Testing strength, durability, performance Automation, robotics, smart materials, sustainability Machining, moulding, CAD/CAM, assembly

	Design (Drawings, CAD/CAM)	Engineering drawings, sketches, CAD workflow
	Health & Safety / Quality Control	Risk assessments, PPE, workshop safety, QA processes
	Sustainability / Environmental Awareness	Eco-design, life cycle assessment, sustainable materials
FRENCH	<p>Theme 1: Identity and Relationships Healthy Living and Lifestyle Education and Work</p> <p>Theme 2: Celebrity Culture</p> <p>Plus generic topic vocab that you will have covered at KS3 such as holidays, free time activities, celebrations, environment and so on.</p>	<p>Students will be provided with a 'Guide to the Year 10 exams' in class</p> <ul style="list-style-type: none"> • Make sure your green book questions are excellent and learnt by heart. • You should also revise by reviewing the Memrise courses linked to your Memrise groups and classwork. • You should also do the Steps to Success, key vocab and photocards Memrise courses
GEOGRAPHY	<ol style="list-style-type: none"> 1. The Living World 2. Changing Economic World 3. UK Landscapes: Coast 	<p>Students should use the resources on TEAMS (all lessons are available, plus some textbook scans), their own notes and if they need additional resources, the following websites are reliable and useful:</p> <p>www.coolgeography.co.uk https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc</p>
GEOLOGY	Things Geological; The Magic of Minerals; Dynamic Deposition; Magma on the Move. Also any other content studied up to the date of the exam including fieldwork and associated skills.	
HISTORY	Germany in Transition, 1919-39. Topics 1-7 The Elizabethan Age, 1558-1603. Topics 1-4	All revision materials are available on the MS Teams channel. The paper will be two hours in total. One hour on Germany (Q1-5), 53 marks. One hour on Elizabeth (Q1-5), 53 marks. Writing frames, past papers, planning grids and more are all available on MS Teams.
MANDARIN	<p>Theme 1 Identity and Culture</p> <p>Topic 1: Me, my family and friends</p> <p>Topic 2: Technology in everyday life</p> <p>Topic 3: Free-time activities</p>	We'll hand them the revision guidance for Mandarin. It will be Reading, Listening, Writing and Speaking (all 4 skills)

	<p>Theme 2 Local, national, international and global areas of interest Topic 4: Travel and tourism</p> <p>Theme 3: Current and future study and employment Topic 1: My studies Topic 2: Life at school/college</p>	
MATHEMATICS	<p>Chapter 1: Numbers Chapter 2: Algebra Chapter 3: Interpreting and representing data Chapter 4: Fractions, ratio and percentages Chapter 5: Angles and trigonometry Chapter 6: Graphs Chapter 7: Area and Volume</p>	<p>Revision Websites: - CorbettMaths - MathsGenie - ExamQ - MyMaths - ThirdSpaceLearning</p> <p>This will be a calculator paper, the paper will focus on your ability to problem solve.</p>
MUSIC	<p>Students will be tested on all unknown listening elements (all Areas of Study) including the dictation question. They will also be tested on the set work from Bach: Badinerie. You will not be examined on Africa by Toto in this exam.</p>	<p>I would recommend reviewing all the key terminology in Appendix C from the Specification. You also need to look to be able to practically apply them in listening. I would also recommend understanding which element the terms refer to so when asked, for example, explain the harmony of a section, they could do so. If you are unsure and how to answer the paper, I would recommend looking at past papers, their mark schemes and also the examiner reports.</p>
PHYSICAL EDUCATION	<p>Applied Anatomy and Physiology, Movement Analysis, and Physical Training.</p>	<p>This will be a Paper 1 examination, with multiple choice, various short answer question (varies between 2-5 marks, onw 6 mark question and a 9 mark question.</p>
PHYSICS	<p>P1: Matter P2: Forces P3: Electricity P4: Magnets and Magnetic fields</p>	<p>Use resources on teams to support your revision. Practice more past papers. 15 multiple choice questions, 1 six marker, 2,3,4 mark questions. Total is 90</p>
PSYCHOLOGY	<p>Memory, Development and Research Methods</p>	<p>Type of questions will include 9 mark questions, design a study and application questions. All the resources are on Teams in the Class materials folder. This includes, power points, mind maps, knowledge booklets and links to past paper questions including Psych boost revision lessons on YouTube.</p>

RELIGIOUS STUDIES	Philosophical and ethical issues including: Relationships, Life and Death, Good and Evil and Human Rights	Use blurring to check recall of key topics. Complete exam papers using Eduqas website and mark using mark scheme. Utilise the revision resources Ms Deane has posted on Teams for you, to check your understanding of exam structure.
SOCIOLOGY	1. Key concepts and processes of cultural transmission (Q1-3) 2. Families (Q4) 3. Education (Q5)	Revision materials on MS Teams
SPANISH	Theme 1: Identity and Relationships Healthy Living and Lifestyle Education and Work Theme 2: Celebrity Culture Plus generic topic vocab that you will have covered at KS3 such as holidays, free time activities, celebrations, environment and so on.	Students will be provided with a 'Guide to the Year 10 exams' in class <ul style="list-style-type: none"> • Make sure your green book questions are excellent and learnt by heart. • You should also revise by reviewing the Memrise courses linked to your Memrise groups and classwork. • You should also do the Steps to Success, key vocab and photocards Memrise courses
STATISTICS	Chapter 1: Data and Sampling Chapter 2: Representing data Chapter 3: Measures of spread and location Chapter 4: Correlation, Spearman's rank correlation coefficient	Revision Websites: - Statsacademy - Resourceaholic - Physics and maths tutor Students need a ruler and calculator for the exam. Best way to revise is to go on to maths genie, go into the statistics area and work through the topic based exam questions. It is not advised to work through a past paper as the majority of it has not yet been covered. In addition there are check up activities at the end of each chapter that students can complete and then follow this up with the strengthen and/or extend activities. Finally there is a test on the last page of the chapter that students can complete.

ENGLISH LITERATURE	For questions on Strange Case of Dr Jekyll and Mr Hyde and An Inspector Calls in AQA GCSE English Literature, read the extract carefully and think about how it links to the rest of the text. Start by discussing what is happening in the extract and how the writer presents the character, theme, or idea in that moment. Use short quotations from the extract and explain what they show about the character, theme, or situation. You should analyse the writer's methods, such as language, stage directions, or dramatic techniques, and explain the effect on the audience or reader. After discussing the extract, make sure you link your ideas to other relevant moments in the text to show your wider knowledge of the whole play or novella. Try to include several well-chosen references rather than long quotations, and focus on explaining your ideas clearly. Always keep the question in mind, develop your points in clear paragraphs, and aim to connect your analysis to the writer's purpose and the key ideas of the text.
ENGLISH LANGUAGE	AQA GCSE English Language Paper 1: read each question carefully and make sure you only use the lines specified in the question. For Question 1, simply list four things you learn from the given section of the text; keep your answers brief and taken directly from what the text tells you. For Question 2, focus closely on the writer's language by selecting specific words or phrases, identifying the technique if you can, and explaining clearly what effect this creates for the reader. For Question 3, think about the structure of the extract and how the writer organises the text - for example shifts in focus, changes in setting, or how tension builds - and explain why the writer may have structured it in this way. For Question 4, give a clear opinion about the statement in the question and support your view with short quotations from the text, explaining how the writer's methods create particular effects. Throughout the paper, make sure you use evidence, explain your ideas clearly, and manage your time so that you leave enough time for the longer final question.