

Year 10 Mock Examinations

Subject	Exam Content																																																								
English Lang	Language Paper 1 – Explorations in creative reading & writing. Questions on a single unseen fiction source & a creative writing piece.																																																								
English Lit	Literature Paper 1 – only Macbeth and Jekyll & Hyde will be covered in this paper.																																																								
Maths	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9ead3;"> <th colspan="2" style="text-align: center;">Year 10 Mock Exam - Revision Topics (Foundation)</th> </tr> </thead> <tbody> <tr><td>Retrieval Topics</td><td style="text-align: center;">Sparx</td></tr> <tr><td>Unit Conversions</td><td style="text-align: center;">U388</td></tr> <tr><td>FDP Conversions</td><td style="text-align: center;">U176</td></tr> <tr><td>Rounding</td><td style="text-align: center;">U480, U298, U731, U965</td></tr> <tr><td>Fraction arithmetic</td><td style="text-align: center;">U793, U439, U475, U224, U544, U538, U874</td></tr> <tr><td>Simple probabilities</td><td style="text-align: center;">U408, U510, U683</td></tr> <tr><td>Standard form</td><td style="text-align: center;">U330, U534, U264, U290, U 161</td></tr> <tr><td>Solving 2 step equations</td><td style="text-align: center;">U325</td></tr> <tr><td>Expanding brackets</td><td style="text-align: center;">U179, U 768</td></tr> <tr><td>Factorise to one brackets</td><td style="text-align: center;">U365</td></tr> <tr><td>Averages</td><td style="text-align: center;">U526, U456, U260, U291</td></tr> <tr><td>Area formula</td><td style="text-align: center;">U226, U934, U945, U575, U424, U265, U970</td></tr> <tr><td>Simple percentages</td><td style="text-align: center;">U554, U349</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9ead3;"> <th colspan="2" style="text-align: center;">Year 10 Mock Exam - Revision Topics (Higher)</th> </tr> </thead> <tbody> <tr><td>Retrieval Topics</td><td style="text-align: center;">Sparx</td></tr> <tr><td>Pythagoras</td><td style="text-align: center;">U385, U828</td></tr> <tr><td>Error Intervals</td><td style="text-align: center;">U657, U301</td></tr> <tr><td>Volume of prisms</td><td style="text-align: center;">U786, U174, U915</td></tr> <tr><td>Fraction arithmetic</td><td style="text-align: center;">U793, U439, U475, U224, U544, U538, U874</td></tr> <tr><td>Index Laws</td><td style="text-align: center;">U235, U694</td></tr> <tr><td>Standard form</td><td style="text-align: center;">U330, U534, U264, U290, U161</td></tr> <tr><td>Probability and Venn Diagrams</td><td style="text-align: center;">U476, U748, U699</td></tr> <tr><td>Compound Measures</td><td style="text-align: center;">U151, U265, U910, U527, U842</td></tr> <tr><td>Unit Conversions</td><td style="text-align: center;">U388</td></tr> <tr><td>Factorising</td><td style="text-align: center;">U365</td></tr> <tr><td>Solving 3 step equations</td><td style="text-align: center;">U325</td></tr> <tr><td>Angles in parallel lines and polygons</td><td style="text-align: center;">U826, U427</td></tr> </tbody> </table> <p style="margin-top: 10px;">The full exam series will be sat; 3 papers (1 non calculator, 2 calculator)</p>	Year 10 Mock Exam - Revision Topics (Foundation)		Retrieval Topics	Sparx	Unit Conversions	U388	FDP Conversions	U176	Rounding	U480, U298, U731, U965	Fraction arithmetic	U793, U439, U475, U224, U544, U538, U874	Simple probabilities	U408, U510, U683	Standard form	U330, U534, U264, U290, U 161	Solving 2 step equations	U325	Expanding brackets	U179, U 768	Factorise to one brackets	U365	Averages	U526, U456, U260, U291	Area formula	U226, U934, U945, U575, U424, U265, U970	Simple percentages	U554, U349	Year 10 Mock Exam - Revision Topics (Higher)		Retrieval Topics	Sparx	Pythagoras	U385, U828	Error Intervals	U657, U301	Volume of prisms	U786, U174, U915	Fraction arithmetic	U793, U439, U475, U224, U544, U538, U874	Index Laws	U235, U694	Standard form	U330, U534, U264, U290, U161	Probability and Venn Diagrams	U476, U748, U699	Compound Measures	U151, U265, U910, U527, U842	Unit Conversions	U388	Factorising	U365	Solving 3 step equations	U325	Angles in parallel lines and polygons	U826, U427
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Geography	<p>Exam paper will cover the following 3 topics;</p> <ul style="list-style-type: none"> • Challenge of Natural hazards • Urban issues and challenges • Resource management <p>All content has been covered during Year 10. Geography teachers will distribute revision sheets for each topic in lessons.</p>																																																								
History	<p>Paper 1</p> <ul style="list-style-type: none"> • Medicine in Britain c1250 – present 																																																								

	<ul style="list-style-type: none"> British sector of the Western front, 1914-1918: Injuries, treatments and the trenches.
Science	<p>They will all sit one paper, this will be a GCSE paper 1 for each science discipline – Biology, Chemistry & Physics. Combined Science 1hr 15mins, Separate Sciences 1hr 45 mins Recommended sites; Cognito and BBC Bitesize as useful revision tools as well as the CGP revision guides.</p> <p><u>Biology</u> Unit 1 Cells Unit 2 Organisation Unit 3 Communicable Disease Unit 4 Bioenergetics (Respiration and Photosynthesis)</p> <p><u>Chemistry</u> Atomic structure and the Periodic table Structure and Bonding Chemical calculations Chemical changes Energy changes</p> <p><u>Physics</u> Energy Electricity Particle Model Atoms and Radiation</p> <p>Teachers will have provided this information and revision resources on TEAMS.</p>
French	<p>Listening, reading & writing full past papers in the exam Hall, as well as a mock oral speaking assessment to take place in July. These will test prior knowledge and also how students manage new, unfamiliar content in exam conditions.</p>
Sociology	<p>Exam Board: AQA Sociology Topics covered in the exam</p> <ul style="list-style-type: none"> Families Households/Education <p>On Teams, all students have an assignment titled 'End of Year 10 Assessment Revision'. There are knowledge checklists, revision guides and retrieval tasks to complete. Students can also use YouTube and Tutor2U GCSE Sociology for some excellent revision clips.</p>
Art	<p>This will take place in your Art classroom; it will be a set drawing tasks to support the current Art coursework taking place</p>
Photography	<p>This will be in the Photography room to access IT; it will again be a set task to support the current Photography coursework</p>
Comp Sci	<p>CS - Paper 1 Systems Architecture - Von Neumann, Embedded Systems, CPU performance, Registers, buses</p>

	<p>Memory & Storage - RAM, ROM, Virtual Memory, Cache, Binary, Denary, Hex, Binary Shifts, Binary Addition, Secondary Storage, Lossy & Lossless compression, Images, Sound, Character Sets</p> <p>Networks and Protocols - LAN, WAN, Wired & Wireless networks and performance of, Network Hardware, Layers, Protocols, IP & MAC addressing, Encryption.</p> <p>CS - Paper 2</p> <p>Boolean Logic circuits and truth tables, writing and refining programs using sequence, selection, iteration, lists, different data types and other techniques we have learned.</p>
Business	<p>Business - Paper 1</p> <p>What is Business - Business Factors, Ownership, Stakeholders, Locations, Calculations</p> <p>Influences on Business - Technology, Ethics, Interest Rates, Globalisation, Risk and Competition</p> <p>Human Resources - Organisational structures, Recruitment and selection, Motivation, Training.</p>
PE	<p>OCR GCSE PE – Paper 1</p> <p>About the Paper:</p> <ul style="list-style-type: none"> · 1 hour Paper – 60 marks total · 20 Questions in Section A (30 marks) <p>These are shorter answers, focusing on your overall knowledge. It will include identify/label, multiple choice and describe stated topics.</p> <ul style="list-style-type: none"> · 3 (A&B) Questions in Section B (30 marks) <p>This section will test your application of knowledge. It will give you information and ask you to identify the topics it wants you to discuss.</p> <p>What will be in your Paper?</p> <ul style="list-style-type: none"> · Location of major bones · Functions of the skeleton · Types of Joints · Types of Movements at Hinge and Ball & Socket Joint · The roles of muscles in movement · Short- and Long-Term Effects of exercise · Components of Fitness · Principals of Training (SPOR & FITT) · Structure and function of the respiratory system · Aerobic and Anaerobic respiration · Structure and function of the cardiovascular system · Planes of Movement and Axes of Rotation · Lever Systems · Optimising Training · Methods of training · Warm Up · Cool Down

	· Prevention of Injury
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