



Aston Academy

Year 11 Trials Revision List
November 2023



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Date of Exam	AM/PM	Subject	Revision Topics/ Paper	Revision Resources
Monday 13.11.23	AM	Combined Science 11P and 11G	Biology Paper 1	<p>Revision packs for the trial exams have been given to students in lessons. These contain knowledge organiser, exam questions and quiz questions. An electronic copy of the revision packs are available on Google Classroom.</p> <p>Questions will be based around the knowledge and skills in the following topics; Biology Paper 1</p> <ul style="list-style-type: none"> ▪ Cell biology ▪ Organisation ▪ Infection and response ▪ Bioenergetics <p>Below are links to more revision resources found online; BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8r997h Youtube: https://youtu.be/x2Gi9SKNI98?si=WmvM_bYbSeWunDYy Required practical videos: https://www.freesciencelessons.co.uk/gcse-biology-paper-1/biology-paper-1-required-practicals/</p>
Monday 13.11.23	AM	Separate Sciences 11Y	Biology Paper 1	<p>Revision packs for the assessments have been given to students in lessons. These contain knowledge organiser, exam questions and quiz questions. An electronic copy of the revision packs are available on Google Classroom.</p> <p>Questions will be based around the knowledge and skills in the following topics;</p> <p>Biology Paper 1</p> <ol style="list-style-type: none"> 1. Cell biology 2. Organisation 3. Infection and response 4. Bioenergetics



Resilience

Pride

Respect

Ambition

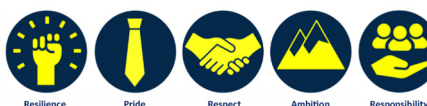
Responsibility

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				<p>Below are links to more revision resources found online;</p> <p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7</p> <p>Youtube: https://youtu.be/x2Gi9SKNI98?si=WmvM_bYbSeWunDYy</p>
Monday 13.11.23	PM	Maths (H)	<ul style="list-style-type: none"> Standard Form Upper and Lower Bounds Reverse Percentage Percentage Change Ratio Algebraic Fractions Factorising quadratics Multiply out brackets Angles in parallel lines Pythagoras' Theorem Circumference of a circle Combinations Scatter Diagrams 	<p>HIGHER: To best prepare for your maths Paper 1 use the list of given topics. Websites you can visit to help are: www.sparxmaths.uk - you can search any of the topics on your revision list and practise as many questions as you like, don't forget to use the help videos if you're getting stuck. Google Classroom - we have posted on your google classroom a practice paper including lots of the topics on your revision list - these come with the mark schemes too so you can check your work. Other websites with further revision questions that we recommend are: https://corbettmaths.com/2023/02/15/ocr-gcse-higher-revision/ https://www.mathsgenie.co.uk/gcse.html</p> <p>THIS IS A CALCULATOR PAPER SO MAKE SURE YOU ARE REVISING WITH YOUR CALCULATOR AND BRING IT TO YOUR EXAM. [If you haven't yet purchased one the calculator we recommend is: "Casio FX-83GT CW"]</p>
Monday 13.11.23	PM	Maths (F)	<ul style="list-style-type: none"> BIDMAS Percentage Change 	<p>FOUNDATION: To best prepare for your maths Paper 1 use the list of given topics. Websites you can visit to help are:</p>



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			<ul style="list-style-type: none"> Rounding Standard form Sharing in a ratio Factorising Function Machines Solve equations Area of rectangle, circle Averages and range Frequency Tree 	<p>www.sparxmaths.uk - you can search any of the topics on your revision list and practise as many questions as you like, don't forget to use the help videos if you're getting stuck.</p> <p>Google Classroom - we have posted on your google classroom a practice paper including lots of the topics on your revision list - these come with the mark schemes too so you can check your work.</p> <p>Other websites with further revision questions that we recommend are: https://corbettmaths.com/2023/02/15/ocr-gcse-higher-revision/ https://www.mathsgenie.co.uk/gcse.html</p> <p>THIS IS A CALCULATOR PAPER SO MAKE SURE YOU ARE REVISING WITH YOUR CALCULATOR AND BRING IT TO YOUR EXAM. [If you haven't yet purchased one the calculator we recommend is: "Casio FX-83GT CW"]</p>
Tuesday 14.11.23	AM	English Literature	Paper 1 - Macbeth and the Poetry Anthology	<p>Macbeth - Knowledge organisers have been provided for all students. Please use exercise books from lessons to review answers and knowledge linked to the play. Quotations from your blue 'Macbeth' books need to be learnt in order to use these in the exam.</p> <p>Revision guide: https://www.amazon.co.uk/English-Literature-Complete-Revision-Practice/dp/1789082668</p> <p>Revision videos: https://www.bbc.co.uk/bitesize/topics/zgq3dmn</p> <p>Podcasts: https://www.bbc.co.uk/bitesize/topics/z9v8239/articles/zdywxg8</p> <p>Poetry Anthology: Knowledge organisers will be provided for all students for the poems studied so far. Please use exercise books to review answers and classwork on each poem. Key quotations need to be learnt for each poem in order to use these for your comparison question.</p>



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Wed 15.11.23	AM	Separate Sciences 11Y	Chemistry Paper 1	<p>Revision packs for the assessments have been given to students in lessons. These contain knowledge organiser, exam questions and quiz questions. An electronic copy of the revision packs are available on Google Classroom.</p> <p>Questions will be based around the knowledge and skills in the following topics;</p> <ul style="list-style-type: none"> ▪ Chemistry Paper 1 ▪ Atomic structure and periodic table ▪ Bonding and structure ▪ Chemical changes ▪ Energy changes <p>Below are links to more revision resources found online; BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb Youtube: https://youtu.be/fGrrm7X2w_8?si=0MNPj1vCqb9MlsMH</p>
Wed 15.11.23	PM	Geog.	Combined paper- Paper 1 and Paper 2	<p>To prepare for your Geography trial exam, students will need to revise a range of topics covered since the beginning of Y10. This includes:</p> <p>Paper 1</p>



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				<ul style="list-style-type: none"> Natural Hazards: Tectonic hazards (Nepal vs L'Aquila), Weather Hazards (Cyclone Winston) and Climate Change River Landscapes: River Processes, River Landforms and River flooding/engineering <p>Paper 2</p> <ul style="list-style-type: none"> Urban Issues: Urbanisation in NEE (Lagos), Urban Change in Sheffield and Sustainability in Freiburg Changing Economic World: The Development Gap (Tourism in Jamaica), Development in an NEE (Nigeria) and UK economy <p>To support revision and preparation from trial exams, revision booklets with checklists and knowledge organisers will be provided to students. This will also be posted to Google Classrooms, along with all lessons and resources delivered since the beginning of their GCSE Geography course in Y10.</p> <p>Additional revision resources can be found using the following links, however, please note that case studies in the revision guides may differ to the ones covered as part of our curriculum.</p> <ul style="list-style-type: none"> BBC Bitesize AQA GCSE Geography - https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc AQA GCSE Geography key words list - https://filestore.aqa.org.uk/resources/geography/AQA-8035-SSV.PDF Internet Geography - https://www.internetgeography.net/ Cool Geography - http://coolgeography.co.uk/ <p>Revision guide recommendations (all can be found on Amazon):</p> <ul style="list-style-type: none"> CPG GCSE 9-1 revision guide – ISBN 10: 1782946101 (Green cover) Oxford GCSE 9-1 revision guide- ISBN 10: 0198423462 (Blue cover)



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				<ul style="list-style-type: none"> CPG Grade 9-1 GCSE Geography AQA Revision Question Cards- ISBN 10: 1789082781 (pack of 95 cards)
Wed 15.11.23	PM	History	Half of paper 2 - Full section on Anglo-Saxons and Normans 55 minutes	<p>There will be 3 questions to complete:</p> <p>1 - a 4-mark Q asking pupils to describe 2 features of an event, a person, an aspect of life</p> <p>2 - a 12 mark Q asking pupils to explain three reasons why something happened. This needs to be written in 3 paragraphs, 1 paragraph per reason</p> <p>3- a choice of 16 mark discussion and evaluation questions - pupils pick one. This is worth 16 marks. They have to argue for and against a view of an event, and explain why they favour one side.</p> <p>Topics they need to revise:</p> <ol style="list-style-type: none"> Anglo Saxon England from about 1050-1066: the role of the king and aristocracy, the Church, Society & the economy 1066: the Succession Crisis & Claimants of the Crown; the Battles of Gate Fulford, Stamford Bridge and Hastings: Why did William Win at Hastings Normans establishing and maintaining Control: William's initial actions; the revolts of the North and of Hereward the Wake; William's actions such as Harrying, castle building, the Feudal System, The Domesday Book; The Normanisation of England : changes to the Church, Land owning, society. Norman revolts against William. <p>Students will be issued with two revision booklets on paper but can also obtain materials here: https://www.bbc.co.uk/bitesize/guides/zxgwp39/revision/1</p>
Thurs 16.11.23	AM	Religious Studies	Combined paper - Paper 1 and Paper 2	<p>Questions will be based around topics covered since the beginning of Y10.</p> <p>Paper 1 units cover beliefs and/or practices specific to the religion outlined.</p>



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				<p>Paper 2 topics cover both Christian, Muslim and non-religious beliefs.</p> <p>Paper 1: Christian beliefs on:</p> <ul style="list-style-type: none"> ▪ The different ways to achieve salvation ▪ The ascension of Jesus ▪ The trinity and the ways it influences Christians today ▪ The causes of sin ▪ The problem of evil and suffering ▪ God as loving <p>Paper 1: Muslim practices</p> <ul style="list-style-type: none"> ▪ Hajj (pilgrimage to Mecca) ▪ The Ten Obligatory Acts in Shi'a Islam ▪ How Muslims perform salah (prayer) ▪ Why the Night of Power is important ▪ Zakah (giving to charity) <p>Paper 2: Crime and Punishment</p> <ul style="list-style-type: none"> ▪ The three aims of punishment - retribution, deterrence and reformation ▪ Religious attitudes towards the death penalty ▪ Religious attitudes towards the treatment of criminals - prison, corporal punishment and community service ▪ Christian attitudes towards lawbreakers <p>Paper 2: Relationships and families</p> <ul style="list-style-type: none"> ▪ Different family types ▪ Christian teachings on gender equality/ discrimination ▪ Attitudes towards sex before marriage (cohabitation) ▪ The purpose of families ▪ Religious and non-religious attitudes towards homosexual relationships



Resilience Pride Respect Ambition Responsibility

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				<p>In order to support your child's success in the trial examination, revision guides and work booklets will be provided during lessons and available on google classroom. Homework tasks will be set each week specific to the trial exam topics.</p> <p>We would recommend the purchase of the 'Oxford revise AQA GCSE Religious Studies A - Christianity and Islam'. This is available to purchase through school coms at a reduced price of £5.50. Available to view here: https://www.amazon.co.uk/AQA-GCSE-Religious-Studies-Christianity/dp/1382040385#:~:text=Oxford%20Revise%20Christianity%20and%20Islam,the%20eyes%20of%20both%20religions.</p> <p>Additional revision resources can be found using the following links: https://www.bbc.co.uk/bitesize/examspecs/zjgx47h - Christianity and Islam content https://www.youtube.com/playlist?list=PLF80W1FOi3CZfuk_uwBDmiKFdcoCcQ9nt - how to answer each exam question / exam question technique</p>
Thurs 16.11.23	PM	Maths (H)	<ul style="list-style-type: none"> ▪ Fraction arithmetic ▪ Recurring decimals ▪ Surds ▪ Laws of indices ▪ Ratio ▪ Multiply out brackets ▪ Substitution ▪ Equation of a line 	<p>HIGHER: To best prepare for your maths Paper 2 use the list of given topics. Websites you can visit to help are: www.sparxmaths.uk - you can search any of the topics on your revision list and practise as many questions as you like, don't forget to use the help videos if you're getting stuck. Google Classroom - we have posted on your google classroom a practice paper including lots of the topics on your revision list - these come with the mark schemes too so you can check your work. Other websites with further revision questions that we recommend are: https://corbettmaths.com/2023/02/15/ocr-gcse-higher-revision/</p>



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			<ul style="list-style-type: none"> Speed, distance, time Transformations Trigonometry Venn diagrams Pie Charts 	https://www.mathsgenie.co.uk/gcse.html THIS IS A NON-CALCULATOR PAPER SO MAKE SURE YOU ARE REVISING WITHOUT A CALCULATOR.
Thurs 16.11.23	PM	Maths (F)	<ul style="list-style-type: none"> Fraction arithmetic Product of prime factors Simplify ratio Multiply out brackets Form expressions Money problems Area of a triangle Probability Bar Charts 	FOUNDATION: To best prepare for your maths Paper 2 use the list of given topics. Websites you can visit to help are: www.sparxmaths.uk - you can search any of the topics on your revision list and practise as many questions as you like, don't forget to use the help videos if you're getting stuck. Google Classroom - we have posted on your google classroom a practice paper including lots of the topics on your revision list - these come with the mark schemes too so you can check your work. Other websites with further revision questions that we recommend are: https://corbettmaths.com/2023/02/15/ocr-gcse-higher-revision/ https://www.mathsgenie.co.uk/gcse.html THIS IS A NON-CALCULATOR PAPER SO MAKE SURE YOU ARE REVISING WITHOUT A CALCULATOR.
Friday 17.11.23	AM	English Language	Paper 2 Non-Fiction	Practice papers, with links to video guidance for each question, will be provided to each student. Please also use exercise books from lessons to review previous answers and guidance on how to improve. Eduqas' website contains exam walk-throughs to help provide top tips for working through the examination: https://resources.eduqas.co.uk/pages/ResourceSingle.aspx?rId=1533



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Friday 17.11.23	PM	Separate Sciences 11Y	Physics Paper 1	<p>Revision packs for the assessments have been given to students in lessons. These contain knowledge organiser, exam questions and quiz questions. An electronic copy of the revision packs are available on Google Classroom.</p> <p>Questions will be based around the knowledge and skills in the following topics;</p> <p>Physics Paper 1</p> <ul style="list-style-type: none"> ▪ Energy ▪ Electricity ▪ Particle model of matter ▪ Atomic structure <p>Below are links to more revision resources found online;</p> <p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7 https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb https://www.bbc.co.uk/bitesize/subjects/zpm6fg8</p> <p>Youtube: https://youtu.be/fGrrm7X2w_8?si=0MNPj1vCqb9MlsMH https://youtu.be/x2Gi9SKNI98?si=WmvM_bYbSeWunDYy https://youtu.be/-yA02RM2WxM?si=9dMB7IMgoGjFTyDB</p>
Monday 20.11.23	AM	Spanish	Paper 1 Listening	<p>Vocabulary from all GCSE topics studied to date may well feature in this exam, so please use your glossaries and Knowledge Organisers. An additional glossary of vocabulary appearing on this paper from topics not yet studied will be provided in advance of the exam for revision purposes, so you should absolutely revise this thoroughly. Listening practice by topic may be found here:</p> <p>https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr</p>



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			Paper 3 Reading	Vocabulary from all GCSE topics studied to date may well feature in this exam, so please use your glossaries and Knowledge Organisers. An additional glossary of vocabulary appearing on this paper from topics not yet studied will be provided in advance of the exam for revision purposes, so you should absolutely revise this thoroughly. Reading practice by topic may be found here: https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr
Monday 20.11.23	PM	Maths (H)	<ul style="list-style-type: none"> ▪ Factors and multiples ▪ Standard form ▪ Percentage change ▪ Ratio ▪ Completing the square ▪ Multiply out brackets ▪ Linear equations (solve) ▪ Density, mass, volume ▪ Volume and surface area of prisms ▪ Trigonometry ▪ Area and Circumference of circles ▪ Sample space diagrams 	<p>HIGHER: To best prepare for your maths Paper 3 use the list of given topics. Websites you can visit to help are: www.sparxmaths.uk - you can search any of the topics on your revision list and practise as many questions as you like, don't forget to use the help videos if you're getting stuck. Google Classroom - we have posted on your google classroom a practice paper including lots of the topics on your revision list - these come with the mark schemes too so you can check your work. Other websites with further revision questions that we recommend are: https://corbettmaths.com/2023/02/15/ocr-gcse-higher-revision/ https://www.mathsgenie.co.uk/gcse.html</p> <p>THIS IS A CALCULATOR PAPER SO MAKE SURE YOU ARE REVISING WITH YOUR CALCULATOR AND BRING IT TO YOUR EXAM. [If you haven't yet purchased one the calculator we recommend is: "Casio FX-83GT CW"]</p>



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			<ul style="list-style-type: none"> Cumulative Frequency 	
Monday 20.11.23	PM	Maths (F)	<ul style="list-style-type: none"> Factors and multiples Sequences Percentage of amount Fraction of amount Percentage change Simple interest Simplify ratio Laws of indices Substitution Perimeter Averages Tree Diagram 	<p>FOUNDATION: To best prepare for your maths Paper 3 use the list of given topics. Websites you can visit to help are:</p> <p>www.sparxmaths.uk - you can search any of the topics on your revision list and practise as many questions as you like, don't forget to use the help videos if you're getting stuck.</p> <p>Google Classroom - we have posted on your google classroom a practice paper including lots of the topics on your revision list - these come with the mark schemes too so you can check your work.</p> <p>Other websites with further revision questions that we recommend are:</p> <p>https://corbettmaths.com/2023/02/15/ocr-gcse-higher-revision/</p> <p>https://www.mathsgenie.co.uk/gcse.html</p> <p>THIS IS A CALCULATOR PAPER SO MAKE SURE YOU ARE REVISING WITH YOUR CALCULATOR AND BRING IT TO YOUR EXAM. [If you haven't yet purchased one the calculator we recommend is: "Casio FX-83GT CW"]</p>