MAPLEWELL
HALL SCHOOL

More than a School

Maplewell Hall School

Autumn Term (Nov 2021)

Pre-Public Examination Information Booklet

Year 11

Contents

Pre-Public Exam Information

Students have two formal assessment points during the academic school year. Assessments in the Autumn and Spring will consist of pre-public examinations which will cover the material studied in those terms. The assessment in the Spring term will be more significant towards the public examinations and cover all of the material taught up to that point.

The two assessment windows in Year 11 take place at the following times:

Autumn Term – w/c 22.11.2021 & w/c 29.11.2021

Spring Term – w/c 28.02.2022 & w/c 07.03.2022

Formal assessments can look very different in each subject, and that is why we are providing you and your child with the information in this booklet. This will enable you to get a better understanding of what the assignments will look like, when they will take place and most importantly, how best to revise and prepare. This information is designed to allow you to support your child in their preparation at home. It references many revision techniques which may need your help. We hope you find this information useful, and we encourage you to discuss this document with your child so that they can plan their preparation well.

These formal assessments are not just about getting a grade, we want students to engage closely with feedback, thinking 'what do I know well?' and 'what do I now need to do to improve?' By thinking in this way, it will help them to develop their knowledge ready for the external exams at the end of the academic year.

Outlined on the following pages, is information on qualifications and what is involved with the assessments for each of them. For further guidance on a particular subject, please contact your child's subject teacher. Following the conclusion of these assessments, parents can view the grades achieved on Go4Schools at the end of the term. These will show where students are currently working towards in relation to the end of course external assessment criteria.

English Language GCSE (AQA)

Year: Year 11

Assessment Format: One Written Examination Paper

Assessment Length: 1 hour 45 minutes

What key topics do I need to know and remember…

Language Paper 1: Fiction

Section A: Reading

Section B: Writing

How can I best prepare and revise for this assessment…

- Read!
- Write! Use images for inspiration
- Create a physical or digital 'scrapbook' of annotated fiction and non fiction texts
- Complete past papers
- Make use of past work on Google Classroom

Recommended resources to support revision:

- CGP GCSE English Literature revision
- YouTube - Mr Bruff revision videos
- Seneca Learning

English Literature GCSE (AQA)

Year: Year 11

Assessment Format: One Written Examination Paper

Assessment Length: 1 hour 45 minutes

What key topics do I need to know and remember…

Literature Paper 2 (modified for 2021)

Section A

Shakespeare: *Macbeth*

Section B

Poetry: Unseen (essay and comparison)

How can I best prepare and revise for this assessment…

- Reread the texts or listen to audiobook versions linked on Google classroom - make use of Cornell notes
- Watch film versions to support understanding
- Make use of blank knowledge organisers to map areas for revision
- Practice annotating extracts and unseen poems – use Google classroom for resources
- Revisit past work on Google Classroom
- Dual coded flashcards for key quotes – image on one side to help your memory, quotes on the other
- Practice questions

Recommended resources to support revision:

- CGP GCSE English Literature revision
- YouTube - Mr Bruff revision videos
- Seneca Learning

Food Preparation and Nutrition GCSE (AQA)

Year: Year 11

Assessment Format: One Written Examination Paper

Assessment Length: 1 hour 45 minutes

What key topics do I need to know and remember…

- Hygiene and Safety
- Macro Nutrients and Micro – Nutrients
- Healthy Cooking Methods
- Cheese making
- Analysis of a Nutritional label – fat, saturated fat, salt and sugar and health related problems
- Heat Transference: Conduction, Convection and Radiation
- Provenance: Locally Produced, Seasonal Ingredients, Fair Trade
- Food Marketing

How can I best prepare and revise for this assessment…

- Create Revision Cards
- Revise knowledge organiser
- Revise class notes from last year
- Use the revision booklets issued to you
- Work through example past papers on google classroom

Recommended resources to support revision:

- Nutrition
  - https://www.youtube.com/watch?v=jqrVl4V5ttQ
- Gluten- Investigation work
  - http://www.jessicagavin.com/what-is-gluten-and-why-its-important/
  - https://www.youtube.com/watch?v=zDEcvSc2UKA
- Information and activities
  - https://www.foodafactoflife.org.uk/
  - www.britishnutritionfoundation.co.uk
  - http://www.s-cool.co.uk/gcse/food-technology/ingredients-and-nutrition/revise-it/functions-of-ingredients
  - http://www.bbc.co.uk/schools/gcsebitesize/design/foodtech/functionalpropertiesrev3.shtml
  - https://www.goconqr.com/p/4309786-Food-Technology---Functions-of-ingredients-mind_maps
  - https://www.youtube.com/watch?v=eR1Ju_O5A0A

iMedia (OCR Cambridge National)

Year: Year 11

Assessment Format: One Written Paper

Assessment Length: 1 hour 15 minutes

What key topics do I need to know and remember…

R081: Pre-Production Skills

Learning Outcome 1: Understand the purpose and content of pre-production.

- Purposes, uses and content of mood boards; mind maps; visualisation diagrams; storyboards and scripts.

Learning Outcome 2: Be able to plan pre-production.

- Learners should interpret client requirements; identify timescales; learn to conduct and analyse research for a creative digital media product; produce a work plan/production schedule; identify the target audience and how to categorise them; hardware, techniques and software used; consider health and safety; understand legislation and how it applies to media production.

Learning Outcome 3: Be able to produce pre-production documents.

- Learners are able to create a mood board; mind map; visualisation diagram; storyboard and analyse a script.
- Properties and limitations of file formats for still images, audio and moving images.
- Identify suitable naming conventions.
- Identify appropriate file formats.

Learning Outcome 4: Be able to review pre-production documents.

- Review a pre-production document and identify areas of improvement in the document.

How can I best prepare and revise for this assessment…

You can look through the work on google classroom to remind yourself of the information.
Using the information on google classroom (from the lessons and key words document), you can make notes or mind maps on the topic.
Test yourself by making flashcards on each topic and seeing how much you can recall.
For anything you struggle remember, create a new flashcard in a different colour and repeat.

Recommended resources to support revision:
Google Classroom resources.

Mathematics GCSE (AQA)

Year: Year 11 (11A Group only)

Assessment Format: One Written Examination – Non Calculator Paper

Assessment Length: 1 hour 30 minutes

What key topics do I need to know and remember…

Basic number

- Order positive and negative integers
- Use the symbols =, ≠, <, >, ≤, ≥
- Apply the four operations, including formal written methods, to integers – both positive and negative
- Understand and use place value
- Estimate answers
- Check calculations using approximation and estimation,

Factors and Multiples

- To list multiples of a number
- To list factors of a number
- To recognize prime numbers and identify prime factors
- To carry out prime factor decomposition, giving answer in index form (factor tree method)
- To find the Highest Common Factor and Lowest Common Multiple of 2 or more numbers

Angles

- To draw and measure angles using a protractor.
- To calculate the size of missing angles within a right angle, on a straight line, about a point, in a triangle and in a quadrilateral.
- To recognize specific rules for angles in equilateral and isosceles triangles, as well as in rectangles, parallelograms, trapezia and kites.
- To calculate the size of missing angles in parallel lines (and naming them e.g. alternate angles, corresponding angles etc.)

Bearings and Scale Diagrams

- To measure a bearing, giving the answer as a three-figure bearing.
- To draw a bearing using a ruler and protractor.
- To interpret scale on a scale diagram.
- To draw a scale diagram to represent something larger in real life.

Fractions, decimals and percentages

- To simplify fractions.
- To find equivalent fractions.
- To find a fraction of an amount.

- To add and subtract fractions (including by finding a common denominator).
- To multiply fractions.
- To divide fractions.
- To convert between mixed numbers and improper fractions.
- To apply the four operations to mixed number calculations.
- To add, subtract, multiply and divide decimals.
- To understand the effects of multiplying and dividing by 10, 100 and 1000.
- To calculate a percentage of an amount.
- To calculate percentage increase and decrease.
- To calculate the percentage change from one amount to another.
- To convert between fractions, decimals and percentages.

Algebra

- To collect like terms.
- To multiply and divide algebraic terms.
- To expand brackets and simplify.
- To factorise and expression into a single bracket.
- To substitute values into an expression.

Coordinates and Linear Graphs

- To plot coordinates in four quadrants.
- To plot a linear graph for an equation by filling in a table of values.
- To identify the gradient and y-intercept of a linear equation.
- To plot the graph of a linear equation using the gradient and y-intercept.
- To write the equation of a linear a graph by determining the gradient and position of the y-intercept.
- To solve for an unknown gradient, y-intercept of coordinate value when given 3 pieces of information (Higher paper only).

Area and Perimeter

- To be able to find the perimeter of a 2D shape (including recognizing repeated lengths in shapes, e.g. the left and right sides of a triangle being the same length).
- To find the area of rectangles, triangles, parallelograms and trapezia.
- To find missing lengths of 2D shapes when the perimeter or area is given.
- To express answers with correct units of measure.

Ratio and Proportion

- To recognize how ratio compares 2 or more quantities.
- To simplify a ratio.
- To find equivalent ratio.
- To share an amount into a given ratio.
- To solve problems in context involving ratio.

Collecting and Representing Data

To draw and interpret:

- Pictograms

- Bar charts (including dual bar charts)
- Pie charts
- Frequency Polygons
- Vertical line graphs

To calculate the mean, median, mode and range of data in a list or table.

How can I best prepare and revise for this assessment…

- Completing exercises in your AQA Maths workbook (Foundation (green), Higher (red)).
- Watching videos and completing exam-style questions on Corbettmaths.com
- Completing additional activities on Mathletics.
- Attending interventions during reading / after-school.
- Review knowledge organisers.
- Revisit lessons on Google Classroom.

Recommended resources to support revision:

https://corbettmaths.com/contents/

https://www.mathsgenie.co.uk/gcse.html

Mathematics GCSE (AQA) MAP Students

Year: Year 11 (MAP Groups only)

Assessment Format: One Written Examination – Non Calculator Paper

Assessment Length: 1 hour 30 minutes

What key topics do I need to know and remember…

Basic number

- Order positive and negative integers
- Use the symbols =, ≠, <, >, ≤, ≥
- Apply the four operations, including formal written methods, to integers – both positive and negative
- Understand and use place value
- Estimate answers
- Check calculations using approximation and estimation,

Factors and Multiples

- To list multiples of a number
- To list factors of a number
- To recognize prime numbers and identify prime factors
- To carry out prime factor decomposition, giving answer in index form (factor tree method)
- To find the Highest Common Factor and Lowest Common Multiple of 2 or more numbers

Angles

- To draw and measure angles using a protractor.
- To calculate the size of missing angles within a right angle, on a straight line, about a point, in a triangle and in a quadrilateral.
- To recognize specific rules for angles in equilateral and isosceles triangles, as well as in rectangles, parallelograms, trapezia and kites.
- To calculate the size of missing angles in parallel lines (and naming them e.g. alternate angles, corresponding angles etc.)

Bearings and Scale Diagrams

- To measure a bearing, giving the answer as a three-figure bearing.
- To draw a bearing using a ruler and protractor.
- To interpret scale on a scale diagram.
- To draw a scale diagram to represent something larger in real life.

Fractions, decimals and percentages

- To simplify fractions.
- To find equivalent fractions.
- To find a fraction of an amount.

- To add and subtract fractions (including by finding a common denominator).
- To multiply fractions.
- To divide fractions.
- To convert between mixed numbers and improper fractions.
- To apply the four operations to mixed number calculations.
- To add, subtract, multiply and divide decimals.
- To understand the effects of multiplying and dividing by 10, 100 and 1000.
- To calculate a percentage of an amount.
- To calculate percentage increase and decrease.
- To calculate the percentage change from one amount to another.
- To convert between fractions, decimals and percentages.

Algebra

- To collect like terms.
- To multiply and divide algebraic terms.
- To expand brackets and simplify.
- To factorise and expression into a single bracket.
- To substitute values into an expression.

Coordinates and Linear Graphs

- To plot coordinates in four quadrants.
- To plot a linear graph for an equation by filling in a table of values.
- To identify the gradient and y-intercept of a linear equation.
- To plot the graph of a linear equation using the gradient and y-intercept.
- To write the equation of a linear a graph by determining the gradient and position of the y-intercept.
- To solve for an unknown gradient, y-intercept of coordinate value when given 3 pieces of information (Higher paper only).

Rounding and Estimation

- To round numbers to the nearest 10, 100 and 1000.
- To round to a given number of decimal places.
- To round to a given number of significant figures.
- To estimate the answer to a problem by rounding each value to 1 significant figure.

Area and Perimeter

- To be able to find the perimeter of a 2D shape (including recognizing repeated lengths in shapes, e.g. the left and right sides of a triangle being the same length).
- To find the area of rectangles, triangles, parallelograms and trapezia.
- To find missing lengths of 2D shapes when the perimeter or area is given.
- To express answers with correct units of measure.

Ratio and Proportion

- To recognize how ratio compares 2 or more quantities.
- To simplify a ratio.
- To find equivalent ratio.

- To share an amount into a given ratio.
- To solve problems in context involving ratio.

Collecting and Representing Data

To draw and interpret:

- Pictograms
- Bar charts (including dual bar charts)
- Pie charts
- Frequency Polygons
- Vertical line graphs

To calculate the mean, median, mode and range of data in a list or table.

Sequences

- To continue a sequence and write or draw the next terms.
- To describe the term-to-term rule of a sequence.
- To find the position-to-term (nth term) rule of a sequence.
- To use the nth term rule to generate terms in a sequence.
- To set up and solve equations to determine the position of terms in a sequence.
- To find the nth term of a quadratic sequence.

Equations

- To solve one- and two- step equations.
- To solve equations with brackets.
- To solve equations with unknowns on both sides.
- To solve equations involving fractions.
- To set up and solve equation for problems involving angles and perimeter.

Circles

- To be able to label the parts of a circle.
- To calculate the circumference of a circle.
- To calculate the perimeter of a semi-circle.
- To calculate the length of an arc and perimeter of a sector.
- To calculate the area of a circle.
- To calculate the area of a semi-circle.
- To calculate the area of a sector.
- To calculate the length of the radius or diameter when told the area or circumference.
- To apply circle theorems to solve angle problems in circles.

Properties of polygons

- To identify and name 2D shapes up to a 10-sides shape.
- To classify different polygons by their properties (e.g. pairs of equal lengths, pairs of equal angles, parallel sides etc.)
- To be able to calculate the interior angle sum of any polygon.
- To calculate missing angles using the interior angle sum of any polygon.
- To calculate the size of exterior angles in any polygon.

- To determine the number of sides a polygon has by its interior angle sum or size of its exterior angles.
- To solve problems involving the angles of polygons.

Indices

- To be able to square and cube any number.
- To list square numbers to 15-squared and cube numbers to 5-cubed.
- To apply the multiplication law of indices to a problem.
- To apply the division law of indices to a problem.
- To apply the power law of indices to a problem.
- To understand the zero law of indices.
- To apply the negative and fractional laws of indices to problems.

How can I best prepare and revise for this assessment…

- Completing exercises in your AQA Maths workbook (Foundation (green), Higher (red)).
- Watching videos and completing exam-style questions on Corbettmaths.com
- Completing additional activities on Mathletics.
- Attending interventions during reading / after-school.
- Review knowledge organisers.
- Revisit lessons on Google Classroom.

Recommended resources to support revision:

https://corbettmaths.com/contents/
https://www.mathsgenie.co.uk/gcse.html

Religious Studies GCSE Full Course (AQA)

Year: Year 11

Assessment Format: One Written Paper

Assessment Length: 60 minutes

What key topics do I need to know and remember…

Religion, peace and conflict

- Violence, including violent protest.
- Terrorism.
- Reasons for war, including greed, self-defence and retaliation.
- The just war theory, including the criteria for a just war.
- Holy war.
- Pacifism.
- Nuclear weapons, including nuclear deterrence.
- The use of weapons of mass destruction.

How can I best prepare and revise for this assessment…

- Websites with lessons and quizzes-
- https://teachers.thenational.academy/subjects/religious-education/key-stages/key-stage-4
- https://www.bbc.co.uk/bitesize/topics/zbndy9q
- https://www.bbc.co.uk/bitesize/topics/zdr692p
- Christianity workbook with a link to the aqa electronic text book in google classroom
- Resources with examination tips on google classroom
- Past examination questions and mark schemes- AQA A Full course GCSE
- Mindmaps
- Revision cards
- Lessons and videos on google classroom

Religious Studies GCSE Short Course (AQA)

Year: Year 11

Assessment Format: One Written Paper

Assessment Length: 60 minutes

What key topics do I need to know and remember…

- Religion, peace and conflict
- Violence, including violent protest.
- Terrorism.
- Reasons for war, including greed, self-defence and retaliation.
- The just war theory, including the criteria for a just war.
- Holy war.
- Pacifism.
- Nuclear weapons, including nuclear deterrence.
- The use of weapons of mass destruction.

How can I best prepare and revise for this assessment…

- Websites with lessons and quizzes-
- https://teachers.thenational.academy/subjects/religious-education/key-stages/key-stage-4
- https://www.bbc.co.uk/bitesize/topics/zbndy9q
- https://www.bbc.co.uk/bitesize/topics/zkbmcqt
- Christianity workbook with a link to the aqa electronic text book in google classroom
- Resources with examination tips on google classroom
- Past examination questions and mark schemes- AQA Short course GCSE
- Mindmaps
- Revision cards
- Lessons and videos on google classroom

Science GCSE Trilogy (AQA)

Year: Year 11

Assessment Format: Two Written Papers

Assessment Length: 1 hour 15 minutes

What key topics do I need to know and remember…

The papers will include topics from **both year 10 and 11**. The content for the exams is **Physics.**

Paper 1

P1- Energy

P2- Electricity

P3- Particle model

P4- Atomic structure

Paper 2

P5-Forces

P6- Waves

P7- Magnetism

How can I best prepare and revise for this assessment…

The topics and all of the content can be found in your revision guides, knowledge organisers and white work-books. To use your revision guide effectively, firstly read the page on the topic you are studying, then try and complete the page linked to the topic in the white book. If you prefer to produce mind-maps, I recommend using the following method:

1) Put the name of the topic in the middle of a piece of paper
2) Write down as many facts as you can remember on sticks in one colour
3) Use your revision guide to find what you have forgotten
4) In a **different colour** add these facts to your mind map.
5) Stick your mind-map up somewhere you will see it every day!

Another excellent resource to support you are the following YouTube playlists. The teacher simplifies topics down in an easy-to-understand way. I suggest listening to his videos and using him to help you complete your white work-books and mind-maps. All of the lessons we have done are also on Google Classroom for you to review.

Paper 1: https://www.youtube.com/c/Freesciencelessons/playlists?view=50&sort=dd&shelf_id=2

Paper 2: https://www.youtube.com/c/Freesciencelessons/playlists?view=50&flow=grid&shelf_id=5

Science GCSE Single Biology (AQA)

Year: Year 11

Assessment Format: One Written Paper

Assessment Length: 1 hour 45 minutes

What key topics do I need to know and remember…

You have covered the topic of **Cells** and **Organisation.** Below is the list of topics you need to revise:

Cells:

- Animal and plant cells
- Specialised cells
- Stem cells
- Eukaryotic and prokaryotic cells
- Microscopy
- Chromosomes
- Mitosis
- Diffusion
- Osmosis
- Active transport

Organisation:

- Levels of organisation
- Human digestive system
- Enzymes
- The heart
- The lungs
- Heart disease
- Blood
- Health
- Cancer
- Plant organs and plant tissues
- Active transport

How can I best prepare and revise for this assessment…

You have been given knowledge organisers, workbooks and revision guides. To make the best use of them, read the pages on the subject you want to study **before** attempting the questions in the white work-books. You should also make use of mind-maps. In order to get the best out of a mind-map, use the following:

1) Put the name of the topic in the middle of a piece of paper
2) Write down as many facts as you can remember on sticks in one colour
3) Use your revision guide to find what you have forgotten
4) In a **different colour** add these facts to your mind map.
5) Stick your mind-map up somewhere you will see it every day!

You can also use this YouTube playlist to support your learning and help you with answering the white work-book questions.

https://www.youtube.com/c/Freesciencelessons/playlists?view=50&sort=dd&shelf_id=3

Sports Studies (OCR Cambridge National)

Year: Year 11

Assessment Format: One Written Exam Paper

Assessment Length: 1 hour

What key topics do I need to know and remember…

Learning Outcome 1: Understand the issues which affect participation in sport:

- The different user groups who may participate in sport
- The possible barriers which affect participation in sport
- The solutions to barriers which affect participation in sport
- The factors which can impact upon the popularity of sport in the UK

Learning Outcome 2: Know about the role of sport in promoting values:

- Values which can be promoted through sport
- The Olympic and Paralympic movement
- Other initiatives and events which promote values through sport
- The importance of etiquette and sporting behaviour of both performers and spectators
- The use of performance-enhancing drugs in sport

Learning Outcome 3: Understand the importance of hosting major sporting events:

- The features of major sporting events
- The potential benefits and drawbacks of cities/countries hosting major sporting events
- The links between potential benefits and drawbacks and legacy

Learning Outcome 4: Know about the role of national governing bodies in sport:

- What national governing bodies in sport do

How can I best prepare and revise for this assessment…

Students should continue to work hard and apply themselves in lessons ensuring that they listen to advice and act on feedback. Students can also revise via google class room, all the lesson slides are uploaded each week before the lesson. Revision material will also be given out on paper for students to take home and revise from. If students have aby problems or questions or want extra revision I am around at lunch for extra support.