

# Year 11 – 2020/2021 GCSE Maths and Numeracy.

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# A brief overview of GCSE Maths and Numeracy this academic year.

WJEC - GCSE Maths.

2 papers.

1 non-calculator / 1 calculator.

Each paper is worth 50% of the final grade.

Higher	A* - C
Intermediate	B - E
Foundation	D - G

Higher exam = 1 hour 45 minutes / 80 marks

Intermediate exam = 1 hour 45 minutes / 80 marks

Foundation exam = 1 hour 30 minutes / 65 marks

What will be studied :

Number / Algebra / Geometry shape and measure / statistics

GCSE Maths will prepare learners to make informed decisions about further learning opportunities and career choices. It will emphasise the aspects of Maths required for progression into mathematically-related disciplines and employment routes. You will be working with abstract maths/concepts as well as real life contexts.

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GCSE numeracy will have an emphasis on the aspects of Maths which are most relevant to students in a real life context. It will prepare learners for further study and career opportunities / choices. Solving problems in the real world including the use of technology, the management of money and finance and the use of data and statistics / statistical information.

# The subject amendments for GCSE Maths exams in 2020/2021.

- The WJEC have adapted and reduced the number topics that would normally have to be assessed during the exam period.
- The reduction in topics is across all four areas of Maths. (Number / Algebra / Geometry shape and measure / data and statistics) and both GCSE Maths and GCSE Numeracy papers.
- Topics that have been removed include:
- Foundation : **interpretation and drawing nets, bisecting lines and angles, relative frequency in probability and using compasses for constructions.**
- Intermediate : **parallel bisection from a point, finding the nth term of a quadratic sequence and the identification of congruent triangles.**
- Higher : **circle theorem and proof, stratified sampling, drawing, interpretation and recognition of reciprocal and cubic lines.**
- If a topic is in the crossover boundary between two different levels of paper, then that topic is removed from both papers. An example would be if a grade D topic is removed, it is removed from both the foundation and intermediate papers as these papers have a cross over grade of D and E. This would be the same in the intermediate and higher papers where the cross over grades are B and C grades. See all cross over grades in page 2 of this power point.
- If you would like anymore information or would like to view the WJEC amendments please see the web address below.
- <https://www.wjec.co.uk/home/summer-2021-adaptations/>

# What mock examinations will year 11 during the year.

Year 11 will take a set of PPE exams this academic year.

This set will be in December and results will be given to year 11 in January.

A second set will be in March and results will be given out in April. These exams will take place in the students class room.

These examinations will allow the students to understand what it is like to sit a full GCSE exam and they will be sat in exam conditions.

It is in the students best interest to apply themselves 100% when approaching these exams in both revision and the actual exams.

These exam will be the main area of information on determining what grade (CAG) a student will get if there is another lockdown over the exam season due to a COVID-19 outbreak.

CAG = centre assessed grade.

# What resources or equipment will be needed for lessons, mocks and final GCSE maths and Numeracy exams.

Resources needed for Maths lessons and exams.

- Pens and pencils for writing and drawing.
- Green and red pens for marking feedback/reflections.
- Ruler for measurements.
  
- Protractor for angle work.
- Compasses for constructions.
  
- Scientific calculators – Casio FX range.

Calculator available on parent pay.

Casio fx-83GTX Scientific Calculator

# How will the Maths department support year 11.

The Maths department will provide lots of help and guidance to students during the year and on the lead up to the GCSE's. Including revision sessions, exam paper preparation and targeted exam questions for home learning.

Internet site to use for revision and exam practice papers:

GCSE revision / pass papers / videos.

User name and password needed.

<https://vle.mathswatch.co.uk/vle/>

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

<https://corbettmaths.com/contents/>

Revision – GCSE pod.