

GCSE (Mathematics)

Year 11 Foundation Term 1.1



Unit of study

Specification

Week 1

Mathswatch

Y11F Autumn A Week 1 HWK

- Paper 1a

Paper Homework

-Ordering Integers and

Decimals

-Rounding

-Indices

-Metric Unit Conversions

-Place Value

Week 2

Mathswatch

Y11F Autumn A Week 2 HWK

- Paper 1b

Paper Homework

-Term-to-term Sequences

-Primes, Squares, Factors,

Multiples

-Expanding Single Brackets

-Fraction of an Amount

-Fractions, Decimals and

Percentages

Week 3

Mathswatch

Y11F Autumn A Week 3 HWK

- Paper 2a

Paper Homework

-Order of Operations

(BIDMAS)

-Simplifying Algebraic Terms

Aims & Objectives:

To practice questions that are similar to GCSE exam questions that will be based on the topics that pupils will encounter during this term when completing weekly assessments which are made up from GCSE exam questions from previous years.

To recall key knowledge so that pupils can prepare successfully for their mock and GCSE exams. This will also increase their long-term memory.

Types of tasks to expect:

Task 1

A set of exam style online questions that will be based to prepare for weekly assessments. Pupils are encouraged to have their full Maths equipment plus a notepad when completing these tasks as method is extremely important in Maths. Each weekly task should take no longer than 1 hour to complete. If pupils complete the task with time to spare then they should be encouraged to look at the revision links opposite.

Where?

www.MathsWatch.vle

Login: Gmail address
Password: shevington

Task 1

A paper based homework to check understanding of all topics that could appear on the GCSE paper.

Where?

Pupils will be issued with a workbook each half term.

Revision links:

**Online Weekly Maths
Tuition**



[GCSE Revision
\(hannahkettlemaths.co.uk\)](http://hannahkettlemaths.co.uk)

**Printable Exam
Practice**



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



[1st Class Maths - Free online
GCSE Maths Revision](#)

**How do I revise for
my Maths GCSE?**



[How do I revise for my GCSE
Maths? - Corbettmaths](#)

- Area/Perimeter of Rectangles
- The Probability Scale
- Percentage of an Amount

Week 4

Mathswatch

Y11F Autumn A Week 4 HWK

- Paper 2b

Paper Homework

- Money Calculations
- Measuring Lines and Angles
- Write as a Fraction/Ratio/Percentage
- Negative Numbers
- Relating Ratio to Fractions

Week 5

Mathswatch

Y11F Autumn A Week 5 HWK

- Paper 3a

Paper Homework

- Number Machines
- Averages from a List
- Drawing Bar Charts
- Solving One-Step Equations
- Listing Outcomes/Combinations

Week 6

Mathswatch

Y11F Autumn A Week 6 HWK

- Paper 3b

Paper Homework

- Symmetry
- Time Calculations
- Coordinates
- Pictograms
- Probability

Week 7

Mathswatch

Y11F DIRT Task

When?

Weekly: Set every Wednesday and due the following Wednesday

Feedback

Feedback is instant for pupils and there is a feedback function that pupils can use to initiate feedback and interact with the class teacher in order to get support on questions they may be struggling with.

When?

Weekly: Set every Wednesday and due the following Wednesday

Feedback

This will be self marked in class.

Paper Homework

- Use of a Calculator
- Fraction Operations
- Two-Way Tables
- Currency Conversions
- Cube Numbers