

How to revise Maths:

You can follow the below process for each topic:

1. Speak to your teacher about topics you don't understand.
2. Look through previous assessments to see any previous areas you struggled with.
3. Review the topics listed in the revision list and revise them from your exercise book.
4. Review online videos and tutorials explaining these topics areas.
5. Review any topics you need to practice on DrFrostMaths before the assessment. Remember your username ends in @horizonoat.co.uk and password is oha unless you changed it.

Additional Information:

- Remember to look through your own notes from class and use the knowledge organisers your teacher gave you to summarise topics.
- Email your class teacher if you need any help.
- You will have 2 papers; 1 non-calculator and 1 calculator so make sure you know how to use your calculator.

Revision list:

Straight line graphs

- Lines parallel to the axes
- Identify gradient and y-intercept of a line
- Drawing lines using $y=mx+c$
- Identifying $y=mx+c$ from a graph

Solving equations

- Solve 1 and 2 step equations
- Expand a single bracket
- Expand binomials
- Rearrange formulae
- Form and solve equations in context
- Substitution

2D & 3D shapes

- Name 2D&3D shapes
- Identify properties of shapes
- Find area and perimeter of 2D shapes
- Draw plans and elevations of shapes
- Find surface area of 3D shapes
- Find volume of 3D shapes

Fractions, Decimals and Percentages:

- Convert between fractions, decimals and percentages
- Find fractions of amount
- Find percentages of amount
- Percentage increase and decrease

Directed number:

- Calculating with negatives using 4 operations
- Order of operations
- Laws of indices

Sequences:

- Continue sequences given a rule
- Continue sequences given terms
- Find the nth term of a sequence

Angles:

- Find missing angles in straight lines
- Find missing angles around a point
- Find missing angles in triangles and quadrilaterals.