



Year 8 AP1 – Maths

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.

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.

Revision list:

Ratio:

- Writing in the form 1:n and n:1
- Divide into a given ratio
- Converting between ratios and fractions
- Solve problems with recipes
- Convert between currencies (written and using graphs)
- Finding missing sides and angles of similar shapes

Algebra:

- Substitution with negatives
- Identifying like and unlike terms
- Expand and factorise brackets
- Expand binomials (double brackets)
- Solve equations and inequalities (1 step, 2 step, with brackets, unknowns on both sides)

Straight line graphs and sequences:

- Continue linear and non-linear sequences
- Find missing numbers in a sequence
- Generate sequences from words
- Nth term
- Complete table of values and draw graphs

Fractions, decimals, percentages and number:

- Convert between fractions, decimals and percentages
- Factors and multiples
- Median and range of a list of numbers

Geometry:

- Area of triangles and special quadrilaterals
- Co-ordinates on 4 quadrants

Probability:

- Product rule
- Represent and interpret two way tables
- Probability of events occurring
- Listing outcomes
- Correlation