

## 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:

Block 1: Representing solutions of equations & inequalities:

- Solving equations and inequalities (two step, brackets and fractional)
- Representing inequalities graphically and on number lines
- Drawing linear graphs
- Solving graphical inequalities
- Quadratic formula

Block 2: Ratio and fractions

- Simplifying ratio
- Sharing into a ratio
- Best buys
- Express in the ratio 1:n
- Combining ratios

Block 3: Percentages and interest

- FDP conversions
- Percentage of amounts
- Percentage increase/decrease
- Compound interest
- Repeated percentage change
- Growth/decay
- Iteration

Block 4: Surds

- Calculating with surds
- Rationalising the denominator
- Surds involving algebra.

Block 5: Probability

- Calculating with fractions and the four operations
- Using the probability scale
- Completing and finding probabilities from sample space, frequency trees and two-way tables
- Calculate probabilities for independent events including with tree diagrams.
- Conditional probabilities using Venn diagrams, tree diagrams and two-way tables.