How to support your child to be successful in Maths Y8

HIGHAM LANE
NORTH ACADEMY

1. Build a weekly routine

Encourage your child to complete their Maths homework before the Monday deadline, rather than leaving it until the last minute.

2. Encourage regular retrieval

Dr Frost Maths homework revisits current learning, earlier Year 8 topics and earlier Year 7 topics, helping important learning stay fresh. Students are also able to use Dr Frost for independent study.

3. Develop ambitious vocabulary

Each booklet includes a glossary of key subject vocabulary for the topic. Encourage your child to use these words accurately in their written and verbal responses.

4. Make use of homework club

Wednesday week A in the upstairs computer room, there is a maths homework help club, where students can come to complete their maths homework with help from their teachers.

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5. Encourage independence

Help your child establish good habits but encourage them to take increasing responsibility for checking deadlines, completing homework and preparing for assessments.

Little and often is more effective than last-minute revision.

Regular homework, retrieval and review will help your child build secure knowledge and confidence throughout Year 8.

Year 8 Support Groups

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- Master the basics: Become confident with fractions, decimals, percentages, ratio, negative numbers, algebra and the four operations. These skills are the building blocks for GCSE success.
- Practise little and often: Complete a few maths questions regularly rather than waiting until a test. When you get something wrong, find out why and try a similar question again.
- Build confidence and resilience: Don’t give up when a question looks difficult. Learn to break problems into smaller steps, aiming to secure the first mark, and then build on it.
- Exam technique: Show ALL of your working out. Use your calculator effectively. Make sure you have answered the question you have been asked.

Year 8 Core Groups

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- Develop deeper understanding: Don’t just learn a method—understand why it works and when to use it.
  Look for connections between topics such as algebra, geometry, graphs and number.
- Challenge yourself regularly: Attempt problems that require several steps, reasoning and problem-solving. Get comfortable with questions where you don't immediately know which method to use.
- Learn from mistakes: Keep track of questions you find difficult and revisit them. Aim to explain your reasoning clearly and look for efficient or alternative methods, rather than simply getting an answer.
- Build confidence and resilience: Don’t give up when a question looks difficult. Learn to break problems into smaller steps, aiming to secure the first mark, and then build on it.
- Exam technique: Show ALL of your working out. Use your calculator effectively. Make sure you have answered the question you have been asked.