



MATHEMATICS

Year 9 Curriculum



Your Maths in Year 9 continues to progress and you build up even more skills that allow you to solve more complex problems. You are expected to take more initiative in applying learnt techniques to new situations and so you should come to lessons prepared to think for yourself and try out your ideas. Your Maths tests check your personal progress in Maths understanding. You will now be working in a Maths set along one of three pathways enabling you to progress towards your highest possible GCSE grade, making sure that you build your Maths up on solid understanding. All the Maths that you cover this year will be needed for your GCSE and you must take your studies seriously at all times.

Maths topic areas:

- Number
- Geometry & Measures
- Ratio & Proportion
- Algebra
- Statistics & Probability

More detail of what you will be studying is on your Term-by-Term Scheme of Learning,

Maths questions test:

AO1: Recall and use knowledge

AO2: Select and apply methods in a range of contexts

AO3: Interpret & analyse problems and generate strategies to solve them

Practise the Maths skills:

- Logical thinking
- Problem Solving
- Processing
- Resilience

The Maths teachers and sixth-form helpers run a Maths Support Club one lunchtime per week all year round. You can drop in on this to get help with homework or to catch up on your understanding, especially if you've been away for a lesson, or found something difficult in your normal lessons. Take this opportunity to get help and approach your work with maturity.

Use the checklist below to ensure that your answers are successful:

- ✓ 1. Read the question again- have you answered everything?
- ✓ 2. Show clear working – work systematically
- ✓ 3. Check the units
- ✓ 4. Understand the keywords
- ✓ 5. Ask for help when needed
- ✓ 6. Identify the key points in the question
- ✓ 7. Is it a sensible answer?
- ✓ 8. Do you need a diagram?
- ✓ 9. Analyse and understand your mistakes
- ✓ 10. Have a go!

Use your MyMaths account for some homeworks and revision.

Make sure your homework is completed on time and to the best of your ability.

Separate your notes from your classwork and homework to make it easier to revise

There will be Maths tests spread throughout the year. Revise your Maths by doing Maths and checking your answers are right – that way you check that you really understand!