

What will Year 7 students learn and how many lessons will they have each week?

In Year 7, the students will have 4 lessons of maths a week. The first half term is focused on project-based learning and some key maths skills. Throughout the rest of the year, students will cover a range of areas in maths including algebra, geometry, number, probability and statistics

What will Year 7 students need to bring with them to lessons?

Students will need to be fully equipped for maths lessons. They will need a protractor, compass, ruler, pencil and rubber. Students will also need to have a scientific calculator. At the start of Year 7, students will be able to purchase these materials.

Will Year 7 students have homework in this subject? How much?

Students will be set one piece of homework a week.

How can I support my child at home with their learning in this subject?

There are a range of ways you can support your child's maths learning, even if it was not your best subject. Firstly, supporting with homework. Checking that the work is completed and providing help when it is needed. Secondly, my biggest encouragement would be that the best way to improve maths is to practice maths. Encouraging your child to practice maths outside of their homework time will help them improve upon these skills.

What opportunities are there for further study and careers in this subject?

As a core subject, all students will study maths to GCSE and many may choose to continue to study it at A-Level. Students may have the opportunity to study further maths alongside their GCSE. Studying maths develops many key skills which can support several different careers. Some of these opportunities include Engineer, Statistician, Special Effects Director and Architect. Students will be equipped with problem solving and reasoning skills throughout their maths lessons to help support their future careers.

How are students set for maths

At some point in year 7 students will be set. This will be based upon KS2 data and their performance at Watling Academy. Sets will be continually monitored and set changes will take place at several points throughout the year.

Are there any trips planned?

Organising trips is something that we are passionate about. If it is safe to do so, we will look to organise visits and attend competitions. In the past I have organised many trips to Maths in Action, STEMfest and Bletchley Park. The maths department also help run the First Lego League; A competition involving programming, problem solving and lego.

Will all lessons be calculator based?

Students will need a calculator for all maths lessons, but it does not necessarily mean they will use in every lesson. Maths lessons will have a mixture of non-calculator and calculator work to help develop both skills.