

## How to Succeed in GCSE Mathematics (Edexcel)

The best chance of success in all subjects is:

- an excellent punctuality and attendance to lessons
- a positive attitude to learning
- high aspirations, resilience and a determination to achieve
- a commitment to independent study (homework and revision)

In mathematics we provide the following support to ensure that all students make the best possible progress:

**Knowledge organisers** - Here are links to each of our Knowledge Organisers:

Year 10 topics:

- [Collecting, representing & interpreting data](#)
- [Congruence, similarity & enlargement](#)
- [Probability](#)
- [Trigonometry](#)
- [Representing solutions of equations & inequalities](#)
- [Simultaneous equations](#)
- [Angles & bearings](#)
- [Working with circles](#)
- [Vectors](#)
- [Ratios & fractions](#)
- [Percentages & interest](#)
- [Non-calculator methods](#)
- [Types of number & sequences](#)
- [Indices & roots](#)
- Manipulating expressions

[Year 9 Knowledge organiser](#)

[Year 8 knowledge organiser](#)

[Year 7 knowledge organiser](#)

These can be used to revise the key learning ideas

**PLCs** - These can be used to identify the areas of mathematics where you need to make improvements and map these areas to tasks on Hegarty Maths. The year 10 PLCs are linked below:

- [Collecting, representing & interpreting data](#)
- [Congruence, similarity & enlargement](#)
- [Probability](#)
- [Trigonometry](#)
- [Representing solutions of equations & inequalities](#)
- [Simultaneous equations](#)
- [Angles & bearings](#)
- [Working with circles](#)
- Vectors
- Ratios & fractions
- Percentages & interest
- Non-calculator methods
- Types of number & sequences
- Indices & roots
- Manipulating expressions

**Google classroom** - This is used to share key documents including the knowledge organisers, PLCs and the home learning document.

**Homework** - We expect students to complete a minimum of one task per week on Hegarty Maths in addition to their MemRi homework. Additional work will be set by your teacher each week which could include knowledge organiser revision, written work or additional Hegarty Maths tasks.

### **Revision Material**

- We recommend that students buy a revision guide and workbook. These can be purchased through the school shop

We recommend the following revision APPS and websites:

- [Hegarty Maths](#)

If there are any subject concerns please contact the class teacher early so that we can support. By working closely together we can make sure students make the best possible progress.