

SUMMER 2024

SUBJECT: Maths

Year: 8

Topic(s) to be covered:

Set 1,2&3: Probability, transformations, constructions and loci and graphs.

Set 4: Decimals and ratio, calculating with fractions, statistics, graphs and charts and straight-line graphs.

Assessment Procedures:

Following each topic area, students will sit a topic assessment which will be marked and pupils will find out if the work produced is on target for their pathway and it will inform us of your child's progress. A traffic light (PLC) will be filled in and closing the gaps tasks will done to help future progress. These will be in your child's book for each topic area.

There will also be a cumulative assessment in the Summer to check the understanding of all topics covered so far in Year 8 and topics covered in Year 7. This will enable us to see if students are on target for their pathway or not. Feedback will involve a traffic light system to further inform areas of strength and development.

Homework guidance:

Homework will be set regularly. The purpose of the homework will normally be to consolidate work done during Year 8 this will be on a worksheet. There may be occasions where it is a revision homework where they will have to go online and use Mathswatch.

Enrichment opportunities:

Many different approaches will be taken within lessons to provide a deeper understanding of Maths.

How can you help?

Any extra maths you can encourage your child to do will help with their success in the subject. All students also have a login for Mathswatch which contains video clips, interactive questions and related worksheets on everything in Maths from Year 7 to 11. This should also be used at home to boost performance. We also think it is essential that everyone knows their times tables off by heart up to 12×12 as it is an essential part in being successful in Mathematics. If your child does not know them to this level, then we would encourage work to be done with your child at home to help learn them.

Equipment needed:

- Pencil, green pen, ruler, compass, calculator, rubber, pen, protractor

Textbooks:

Our scheme of work follows the Pearson 11-19 progression textbooks.

Year 8 uses: KS3 Maths Progress Pi 2, Delta 2 and Theta 2.