

Mathematics KS3

Mathematics in Years 7 and 8 is split into four different strands: Algebra; Geometry & Measure Number and Statistics & Probability. The students will be studying different aspects of these strands throughout Key Stage 3. The topics taught in each year can be seen in the overview below. At Mayfield our students start their GCSE in Mathematics from year 9. Every Tuesday afterschool there is Maths club in room 1.22 from 3-4pm.

Assessment

After each topic the students will have an end of topic test. These tests will be marked with feedback and given a percentage. The results will be tracked and monitored and used to inform our teaching and learning throughout the year.

At the end of each half term the students will have a half term test which will include multiple topics. These tests are marked with feedback.

At the end of each year the students will have an end of year test incorporating all topics learned over the year. This test is marked with feedback.

Useful Resources:

Mathswatch: <https://vle.mathswatch.co.uk/vle/>

MyMaths: <https://www.mymaths.co.uk/>

Topics

Year 7

1 Whole numbers and decimals (Number)
2 Measures, perimeter and area (Geometry and measures)
3 Expressions and formulae (Algebra)
4 Fractions, decimals and percentages (Number)
5 Angles and 2D shapes (Geometry and measures)
6 Graphs (Algebra)
7 Statistics (Statistics and probability)
8 Transformations and symmetry (Geometry and measures)
9 Equations (Algebra)
10 Factors and multiples (Number)

Year 8

1 Whole numbers and decimals (Number)
2 Measure, perimeter and area (Geometry and measures)
3 Expressions and formulae (Algebra)
4 Angles (Geometry and measures)
5 Graphs (Algebra)
6 Statistics (Statistics and probability)
7 Transformations and scale (Geometry and measures)
8 Equations (Algebra)
9 Powers and roots (Number)
10 Ratio and proportion (Ratio and proportion)
11 Probability (Statistics and probability)