

Maths – Year 9

More detailed Maths plans can be found on the JFC website in the independent learning section.

Unit 1:

- Perimeter, area, volume
- Ratio and proportion
- Algebraic expressions

Unit length:

4 – 5 weeks

Unit 2:

- Probability
- Data collection and calculation
- Geometry, polygons and parallel lines
- Calculations, estimations and approximations

Unit length:

6 – 7 weeks

Unit 3:

- Algebraic, graphs, and gradients
- Revision of topics from unit 1 and 2

Unit length:

5- 6 weeks

Unit 4:

- Transformation
- Time series graphs
- Fractions, decimals, percentages
- Constructions, bearings, loci, and scale drawings

Unit length:

6 – 7 weeks

Unit 5:

- Trigonometry
- Bivariate data
- Simultaneous linear data
- Using and applying number

Unit length:

7 -8 weeks

Unit 6:

- Circle, cylinders, spheres, pyramids
- Compound units
- Functions and sequences
- Revision from unit 1 to 6.

Unit length:

8 – 9 weeks