

**Year 9/10/11 Group Sessions -
Foundation**

(Year 7,8 and 9 students are also welcome)

Our year 9/10/11 group sessions will cover the following topics on the following dates:

Every Tuesday 13:00-13:45 and Thursday 13:00-13:45

Topic	Date taught:
Ratio fractions problems	Week commencing: 25/09/2023
Ratio fraction problems 2 and exam questions Speed, distance and time (Tuesday)	Week commencing: 02/10/2023
Percentage change	Week commencing: 09/10/2023
Reverse percentages	Week commencing: 16/10/2023
Compound and interest depreciation	Week commencing: 23/10/2023
Incides	Week commencing: 31/10/2023
HCF, LCM and prime factors	Week commencing: 06/11/2023
Distance and time graphs	Week commencing: 13/11/2023
Inequalities	Week commencing: 20/11/2023
Forming and solving equations	Week commencing: 27/11/2023
Sequences (nth term)	Week commencing: 04/12/2023
Expanding and factorising	Week commencing: 11/12/2023
Angles in parallel lines	Week commencing: 18/12/2023
Pythagoras theorem	Week commencing: 01/01/2024
Angles in polygons	Week commencing: 08/01/2024
Surface area	Week commencing: 15/01/2024
Volume of prisms	Week commencing: 22/01/2024
Surface area and volume of cylinders	Week commencing: 29/01/2024
Sectors and arcs	Week commencing: 05/02/2024
Changing the subject	Week commencing: 12/02/2024
Bearings	Week commencing: 19/02/2024

Plans and elevations	Week commencing: 26/02/2024
Averages from frequency tables	Week commencing: 04/03/2024
Probability and relative frequency	Week commencing: 11/03/2024
Scatter graphs	Week commencing: 18/03/2024
Standard form	Week commencing: 25/03/2024
Compound measures	Week commencing: 01/04/2024
Expanding, factorising and solving quadratics	Week commencing: 08/04/2024
Drawing quadratics, cubic and reciprocal graphs	Week commencing: 15/04/2024
Vector	Week commencing: 22/04/2024
Simultaneous equations	Week commencing: 29/04/2024
Solving simultaneous equations graphically	Week commencing: 06/05/2024
Gradient of a line and equation of a line	Week commencing: 13/05/2024
Spheres and cones	Week commencing: 20/05/2024
Similar shapes (lengths)	Week commencing: 27/05/2024
Soh Cah Toa and exact trigonometry values	Week commencing: 03/06/2024
Venn diagrams	Week commencing: 10/06/2024