



Gosford Hill School

Tel: 01865 374971

www.gosfordhillschool.org

office@gosfordhillschool.org

Headteacher: Nigel Sellars BMus Hons, LGSM

Oxford Road, Kidlington, Oxfordshire, OX5 2NT



Tuesday 30th September 2025

Dear Parents and Carers,

Re: Year 9 Mathematics – Programme of Study

Please find attached the programme of study for your child in Year 9 Maths. This is so you are aware of what is being taught each term.

I would also encourage you to check that your child is completing their Sparx homework each week, as this is also linked to their scheme of learning.

If you have any questions please let me know.

Kind regards,

Mrs A Carney
Subject Leader of Mathematics



Year 9 Mathematics

Programme of Study

Term 1	Term 2	Term 3
• Calculating with powers and roots • Laws of indices • Standard form • Negative powers of 10 • Adding, subtracting, multiplying and dividing in standard form • Rounding and estimating • Algebra • Expand single and double brackets • Factorising with brackets and quadratic factorising • Subject of the formula	• Direct and inverse proportion • Features of a graph for direct and inverse proportion • Graph of linear functions and their features • Graphs of quadratic functions • Use table function on calculator • Simultaneous equations • Problems involving simultaneous equations • Solving simultaneous equations graphically	• Probability (Or means add, and means multiply) • Tree diagrams • Pythagoras' theorem • Problem solving with Pythagoras • Trigonometric ratios • Trig ratios with sides and angles

Term 4	Term 5	Term 6
• Transformations • Congruence • Compound units	• Reflection and rotational symmetry • Conversion graphs • Distance time graphs • Graphs showing growth • Review volume	• Review of double and triple brackets • Solving quadratic equations algebraically and graphically • Review factorising • Review trig ratios and Pythagoras' theorem