

Class of 2025 Mathematics

Long Term Plan 2020-21



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
	W/C 24/08	W/C 31/08	W/C 07/09	W/C 14/09	W/C 21/09	W/C 28/09	W/C 05/10	W/C 12/10	W/C 02/11	W/C 09/11	W/C 16/11	W/C 23/11	W/C 30/11
Cycle 1		Angles Basic Rules Triangles Parallel Lines Polygons Bearings	Angles Basic Rules Triangles Parallel Lines Polygons Bearings	Angles Basic Rules Triangles Parallel Lines Polygons Bearings	Surface area Cuboids Prisms Recap	Volume Cuboids Prisms Recap	Volume Cuboids Prisms Recap	Circles Area Circumference	Circles Area of parts of circles Perimeter of parts of circles	Circles Area of parts of circles Perimeter of parts of circles	Circles Arc length Area of sector	Volume Cones Spheres Frustums	Volume Cones Spheres Frustums
Cycle 2	W/C 07/12	W/C 14/12	W/C 04/01	W/C 11/01	W/C 18/01	W/C 25/01	W/C 01/02	W/C 08/02	W/C 22/02	W/C 01/03	W/C 08/03	W/C 15/03	W/C 22/03
	Surface Area Cones Spheres Frustums	Surface Area Cones Spheres Frustums	Probability One event Not happening Mutually exclusive events	Probability Listing outcomes Relative frequency	Probability Multiple events Frequency trees	Probability Multiple events Frequency trees	Probability Tree Diagrams	Probability Tree Diagrams	Probability Tree Diagrams	Probability Sets and Venn Diagrams	Probability Sets and Venn Diagrams	Sequences Linear nth term Generating a sequence	Sequences Linear nth term Generating a sequence
Cycle 3	W/C 12/04	W/C 19/04	W/C 26/04	W/C 03/05	W/C 10/05	W/C 17/05	W/C 24/05	W/C 07/06	W/C 14/06	W/C 21/06	W/C 28/06	W/C 05/07	W/C 12/07
	Sequences Quadratic sequences	Graphs Plotting straight line graphs Vertical and horizontal graphs	Graphs Gradient and intercept $y=mx+c$	Graphs Finding the equation of a line given coordinates	Graphs Parallel and perpendicular lines	Graphs Parallel and perpendicular lines	Compound Measures Time calculations Speed Density Pressure	Compound Measures Time calculations Speed Density Pressure	Graphs Real Life Graphs Distance Time Graphs	Graphs Real Life Graphs Distance Time Graphs	Graphs Pre-Calculus Area under a curve Gradient of tangent	Graphs Pre-Calculus Area under a curve Gradient of tangent	Graphs Pre-Calculus Area under a curve Gradient of tangent