

Class of 2025 (Foundation) Mathematics

Long Term Plan 2021-22

	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 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 08/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
Cycle 1													
		Sequences Sequences Using Nth term of linear and quadratic sequences Find nth term of linear sequences	Graphs Plotting straight line graphs Vertical and horizontal graphs Gradient and intercept $y=mx+c$	Graphs Finding the equation of a line given coordinates	Graphs Finding the equation of a line given coordinates	Graphs Parallel lines	Graphs Simultaneous equations – solve graphically	Compound Measures Time conversions Speed Pressure Density	Graphs Distance time graphs Real life graphs	Quadratics Table of values Plotting	Quadratics Factorising $a=1$	Quadratics Solving $a=1$	Quadratics Solving $a=1$
		Remote Task: 196-197, 263, 247 Resources: https://hegarty.maths.com/	Remote Task: 201, 202, 203, 204, 205, 206, 207 and 208 Resources: https://hegarty.maths.com/	Remote Task: 209, 210, and 211 Resources: https://hegarty.maths.com/	Remote Task: 212, 213 Resources: https://hegarty.maths.com/	Remote Task: 214 Resources: https://hegarty.maths.com/	Remote Task: 218 and 219 Resources: https://hegarty.maths.com/	Remote Task: 709, 710, 711, 716, 717, 719, 721, and 725 Resources: https://hegarty.maths.com/	Remote Task: 874, 875, 876, 877, 894 and 895 Resources: https://hegarty.maths.com/	Remote Task: 251 Resources: https://hegarty.maths.com/	Remote Task: 223 and 224 Resources: https://hegarty.maths.com/	Remote Task: 231 Resources: https://hegarty.maths.com/	Remote Task: 231 Resources: https://hegarty.maths.com/
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C 14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Algebraic Fractions Add, subtract, multiply and divide	Algebraic Fractions Add, subtract, multiply and divide	Proportional reasoning and ratio Dividing into a ratio Simplifying ratio Unit ratio	Proportional reasoning and ratio Unitary method Adapting recipe	Proportional reasoning and ratio Unitary method Adapting recipe	Proportional reasoning and ratio Scale diagrams Maps and conversions	Proportional reasoning and ratio Scale diagrams Maps and conversions	Volume Prisms Cylinders Problem Solving	Volume Prisms Cylinders Problem Solving	Standard form Converting	Standard form Adding and subtracting	Standard form Multiplying and dividing	Index Laws Recap of multiplying by powers of 10, intro to index form
	Remote Task: 170, 172 Resources: https://hegarty.maths.com/	Remote Task: 170, 172 Resources: https://hegarty.maths.com/	Remote Task: 328, 329, 330, 331, 332, 333, and 334 Resources: https://hegarty.maths.com/	Remote Task: 738, 739 Resources: https://hegarty.maths.com/	Remote Task: 740, 741 Resources: https://hegarty.maths.com/	Remote Task: 864, 865, 866 Resources: https://hegarty.maths.com/	Remote Task: 867, 868 Resources: https://hegarty.maths.com/	Remote Task: 567, 568, 569, 570, 571 Resources: https://hegarty.maths.com/	Remote Task: 572, 573 Resources: https://hegarty.maths.com/	Remote Task: 122, 123 Resources: https://hegarty.maths.com/	Remote Task: 124 and 127 Resources: https://hegarty.maths.com/	Remote Task: 125, 126 and 128 Resources: https://hegarty.maths.com/	Remote Task: 15, 16, 102, and 103 Resources: https://hegarty.maths.com/

Cycle 3

	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
	Index Laws Multiplying Dividing	Index Laws Brackets Negative	Trigonometry SOHCAHTOA Find a missing length Find a missing angle	Trigonometry SOHCAHTOA Find a missing length Find a missing angle	Trigonometry SOHCAHTOA Find a missing length Find a missing angle	Simultaneous equations Solving Graphically	Simultaneous equations Solving by elimination 2x Linear	Simultaneous equations Problem solving	Transformations, similarity & congruence Reflect Rotate Translate	Transformations, similarity & congruence Reflect Rotate Translate	Transformations, similarity & congruence Enlargements	Similarity & congruence congruence, similarity	Similarity & congruence congruence, similarity
	Remote Task: 105 and 106 Resources: https://hegarty-maths.com/	Remote Task: 104 and 107 Resources: https://hegarty-maths.com/	Remote Task: 508, 509, and 510, Resources: https://hegarty-maths.com/	Remote Task: 511 and 512 Resources: https://hegarty-maths.com/	Remote Task: 513, 514 and 515 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 218, 219, 190, 191 and 192 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 193, 194 and 194 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 195 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 637, 638, 639, 640, 641, 648 and 649 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 642, 643, 644, 645, 650, 651 and 656 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 680, 681, 608, 609, 611, 612, 615 and 618 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 637, 638, 639, 640, 641, 648 and 649 Resources: https://hegarty-maths.com/	Remote Task: Skill numbers 642, 643, 644, 645, 650, and 656 Resources: https://hegarty-maths.com/