

HIGHER SOW (YEARS 7-10)

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Terms and Hours	Autumn 1 (30)	Autumn 2 (28)	Spring 1 (23)	Spring 2 (20)	Summer 1 (23)	Summer 2 (28)
Hours allocated	27	27	23	18	23	26
Year 7	Baseline Test (3). Unit 6 Probability (10) 6.1 The language of probability 6.2 Calculating probability 6.3 More probability calculations 6.4 Experimental probability 6.5 Expected outcomes 6 Revision End of Unit Test Unit 2 Number skills (9); 2.1 Mental maths 2.2 Addition and subtraction 2.3 Multiplication 2.4 Division 2.5 Money and time 2.6 Negative numbers 2.7 Factors, multiples and primes 2.8 Square numbers 2 Revision End of Unit Test Project 1 Introduction (1) Revision, Assessment and Feedback (4)	Unit 5 Fractions and percentages (13); 5.1 Comparing fractions 5.2 Simplifying fractions 5.3 Working with fractions 5.4 Fractions and decimals 5.5 Understanding percentages 5.6 Percentages of amounts 5 Revision End of Unit Test Unit 7 Ratio and proportion (10); 7.1 Direct proportion 7.2 Writing ratios 7.3 Using ratios 7.4 Ratios, proportions and fractions 7.5 Proportions and percentages Revision End of Unit Test Project 1 Presentations (2) PSHE (1) Liturgy (1)	Unit 4 Decimals and Measures (16); 4.1 Decimals and rounding 4.2 Length, mass and capacity 4.3 Scales and measures 4.4 Working with decimals mentally 4.5 Working with decimals 4.6 Perimeter 4.7 Area 4.8 More units of measure 4 Revision End of Unit Test Project 2 Presentation (1) PSHE (1) Revision, Assessment and Feedback (4)	Unit 8 Lines and Angles (11); 8.1 Measuring and drawing angles 8.2 Lines, angles and triangles 8.3 Drawing triangles accurately 8.4 Calculating angles 8.5 Angles in a triangle 8.6 Quadrilaterals 8 Revision End of Unit Test Unit 3 Expressions, functions and formulae (5); 3.1 Functions 3.2 Simplifying expressions 1 3.3 Simplifying expressions 2 Project 2 Presentation (2)	Unit 3 Expressions, functions and formulae (7); 3.4 Writing expressions 3.5 Substituting into formulae 3.6 Writing formulae 3 Revision End of Unit Test Unit 9 Sequences and Graphs (14); 9.1 Sequences 9.2 Pattern sequences 9.3 Coordinates and midpoints 9.4 Extending sequences 9.5 Straight-line graphs 9.6 Position-to-term rules 9 Revision End of Unit Test Numeracy Day -Project 3 Presentation (1)	Unit 10 Transformations (14); 10.1 Congruency and enlargements 10.2 Symmetry 10.3 Reflection 10.4 Rotation 10.5 Translations and combined transformation 10 Revision End of Unit Test Project 3 Presentation (2); Revision, Assessment and Feedback - End of Year Test (8) PSHE (1) Sports Day (1)
Year 8	27	27	23	18	23	26
Year 8	Unit 1 Number (15); 1.1 Calculations 1.2 Divisibility and division 1.3 Calculating with negative numbers 1.4 Powers and roots 1.5 Powers, roots and brackets 1.6 More powers, multiples and roots 1 Revision End of Unit Test Unit 8 Calculating with fractions (5); 8.1 Ordering fractions 8.2 Adding and subtracting fractions 8.3 Multiplying fractions 8.4 Dividing fractions 8.5 Calculating with mixed numbers 8 Revision Assessment Project 1 Introduction (1) Revision, Assessment and Feedback (4) PSHE (1)	Unit 8 Calculating with fractions (5); 8.4 Dividing fractions 8.5 Calculating with mixed numbers 8 Revision End of Unit Test Unit 10: Percentages, Decimals and Fractions (10); 10.1 Fractions and decimals 10.2 Equivalent proportions 10.3 Writing percentages 10.4 Percentages of amounts 10 Revision End of Unit Test Unit 6: Decimals and Ratio (10); 6.1 Ordering decimals and rounding 6.2 Place-value calculations 6.3 Calculations with decimals 6.4 Ratio and proportion with decimals 6 Revision Assessment Project 1 Presentation (1) Liturgy (1)	Unit 4: Expression and Equations (15); 4.1 Algebraic powers 4.2 Expressions and brackets 4.3 Factorising expressions 4.4 One-step equations 4.5 Two-step equations 4.6 The balancing method 4 Revision End of Unit Test Unit 3: Statistics, Graphs and Charts (2); 3.1 Pie charts Project 2 Introduction (1) PSHE (1) Revision, Assessment and Feedback (4)	Unit 3: Statistics, Graphs and Charts (11); 3.2 Using tables 3.3 Stem and leaf diagrams 3.4 Comparing data 3.5 Scatter graphs 3.6 Misleading graphs 3 Revision End of Unit Test Unit 2: Area and Volume (5); 2.1 Area of a triangle 2.2 Area of a parallelogram and trapezium 2.3 Volumes of cubes and cuboids Project 2 Presentations (2)	Unit 2: Area and Volume (9); 2.4 2D representations of 3D solids 2.5 Surface area of cubes and cuboids 2.6 Measures 2 Revision End of Unit Test Unit 7: Lines and Angles (12); 7.1 Quadrilaterals 7.2 Alternate angles and proof 7.3 Angles in parallel lines 7.4 Exterior and interior angles 7.5 Solving geometric problems 7 Revision End of Unit Test Numeracy Day - Project 3 Introduction (1) PSHE (1)	Unit 9: Straight line and Graphs (8); 9.1 Direct proportion on graphs 9.2 Gradients 9.3 Equations of straight lines 9 Revision End of Unit Test BOOK 3 (6) 1.3 More Indices 1.4 Standard form 2.5 Index laws and brackets 2.6 Expanding Double brackets Project 3 Presentation(2); Revision, Assessment and Feedback - End of Year Test (8) PSHE (1) Sports Day (1)
Year 9	27	27	23	18	23	26
Year 9	Unit 1 Number (20); 1.1 Number problems and reasoning 1.2 Place value and estimating 1.3 HCF and LCM 1.4 Calculating with powers (indices) 1.5 Zero, negative and fractional indices 1.6 Powers of 10 and standard form 1.7 Surds 1 Revision End of Unit Test Unit 2 Algebra (5); 2.1 Algebraic indices 2.2 Expanding and factorising Project 1 Introduction (1) PSHE (1)	Unit 2 Algebra (15); 2.3 Equations 2.4 Formulae 2.5 Linear sequences 2.6 Non-linear sequences 2.7 More expanding and factorising 2 Revision End of Unit 2: Algebra Revision Revision End of Unit Test Unit 3 Interpretating and representing data (5); 3.1 Statistical diagrams 1 3.2 Time series 3.3 Scatter graphs Project 1 Presentation (2) Revision, Assessment and Feedback (4) Liturgy (1)	Unit 3 Interpretating and representing data (13); 3.4 Line of best fit 3.5 Averages and range 3.6 Statistical diagrams 2 3 Revision End of Unit Test Unit 4 Fractions, ratios and percentages (8); 4.1 Fractions 4.2 Ratios 4.3 Ratio and proportion Project 2 Introduction (1) PSHE (1)	Unit 4 Fractions, ratios and percentages (9); 4.4 Percentages 4.5 Fractions, decimals and percentages 4 Revision End of Unit Test Project 2 Presentations (2) Revision, Assessment and Feedback (6) PSHE (1)	Unit 5 Angles and trigonometry (20); 5.1 Angle properties of triangles and quadrilaterals 5.2 Interior angles of a polygon 5.3 Exterior angles of a polygon 5.4 Pythagoras' theorem 1 5.5 Pythagoras' theorem 2 5.6 Trigonometry 1 5.7 Trigonometry 2 5 Revision Revision End of Unit Test Unit 6: Graphs (2); 6.1 Linear graphs 6.2 More linear graphs Numeracy Day - Project 3 Introduction (1)	Unit 6: Graphs (14); 6.3 Graphing rates of change 6.4 Real-life graphs 6.5 Line segments 6.6 Quadratic graphs 6.7 Cubic and reciprocal graphs 6.8 More graphs 6 Revision End of Unit Test Project 3 Presentation(2); Revision, Assessment and Feedback - End of Year Test (8) PSHE (1) Sports Day (1)
Year 10	27	27	23	18	23	26
Year 10	Unit 11: Multiplicative reasoning (13); 11.1 Growth and decay 11.2 Compound measures 11.3 More compound measures 11.4 Ratio and proportion Unit 19: Proportions and Graphs (4) 19.1 Direct proportion 19.2 More direct proportion 19.3 Inverse proportion 11 Revision End of Unit Test Unit 8: Transformations and constructions (3) 8.1 3D solids 8.2 Reflection and rotation In Class Mocks and Feedback (6) PSHE (1)	Unit 8: Transformations and constructions (16) 8.3 Enlargement 8.4 Translations and combinations of different transformations. 8.5 Scale drawings and bearings 8.6 Constructions 1 8.7 Constructions 2 8.8 Loci Revision End of Unit Test Unit 9: Equations and Inequalities (10); 9.1 Solving linear inequalities 9.2 Solving quadratic equations 19.3 Solving quadratic equations 2 (Set 1 - Coefficient of x-squared not 1) 9.4 Completing the square (Set 1 - Coefficient of x-squared not 1) 9.5 Solving simple simultaneous equations Liturgy (1)	Unit 9: Equations and Inequalities (8); 9.5 Solving simple simultaneous equations 9.6 More simultaneous equations 9.7 Solving linear and quadratic simultaneous equations (Set 1) 9 Revision End of Unit Test Unit 15 Equations and graphs (8); 15.1 Solving simultaneous equations graphically 15.2 Representing inequalities graphically 15.3 Quadratic equations Revision, In Class Mocks and Feedback (6) PSHE (1)	Equations and graphs (8); 15.4 Using quadratic graphs 15.5 Cubic equations 15.6 Using iteration to solve equations 15 Revision End of Unit Test Unit 12: Similarity and Congruence (10); 12.1 Congruence 12.2 Geometric proof and congruence 12.3 Similarity 12.4 More similarity Project 2 Presentations (2) Revision, Assessment and Feedback (6) PSHE (1)	Unit 12: Similarity and Congruence (4); 12.5 Similarity in 3D solids 12 Revision End of Unit Test Unit 7: Area and volume (9); 7.1 Perimeter and area 7.2 Units and accuracy 7.3 Prisms 7.4 Circles PSHE (1) Revision, Mocks and Feedback (10)	Unit 7: Area and volume (9) 7.5 Sectors of circles 7.6 Cylinders and spheres 7.7 Pyramids and cones 7 Revision End of Unit Test Unit 16: Circle Theorem (13) 16.1 Radii and chords 16.2 Tangents 16.3 Angles in circles 1 16.4 Angles in circles 2 16.5 Applying circle theorems 16 Revision End of Unit Test PSHE (1) Sports Day (1)