

Helmshore Primary School

Mathematics overview



Reception

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Number 1	Number 7	Counting, Comparing and Ordering numbers Number 11	Addition Number 17	Counting, Comparing and Ordering numbers	Addition and Subtraction
Week 2	Number 2	Number 8	Addition and Subtraction Number 12	Subtraction Number 18	Addition and Subtraction	Money
Week 3	Number 3	Number 9	Addition and Subtraction Number 13	Doubling and Halving Number 19	Doubling and Halving	Fractions
Week 4	Number 4	Number 10	Doubling Number 14	Measures Distance Number 20	Measures Mass/Weight	Measures Time
Week 5	Number 5	Explore 2D & 3D shapes	Measures Number 15	Numbersense	Measures Capacity/Volume	Shape and Space
Week 6	Number 6	Assess and Review	Shape and Sorting Number 16	Shape Assess and Review	Shape	Assess and Review

Year 1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Place Value	Sequencing and sorting	Place Value	Length and Mass	Place Value	Time
Week 2	Place Value	Fractions	Mass	Addition and Subtraction	Addition and subtraction	Multiplication and Division
Week 3	Length and Mass	Fractions Capacity and volume	2-D and 3-D shapes	Fractions	Capacity and volume	Statistics and calculation
Week 4	Addition and Subtraction	Money	Counting and Money	Position and Direction	Fractions	Measurement
Week 5	Addition and Subtraction	Time	Multiplication	Time	Position, Direction and Time	Sorting and sequencing
Week 6	2D and 3D Shapes	Assess and Review	Division	Assess and Review	2D and 3D shapes	Assess and Review

Year 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Place value	Counting, Multiplication and sorting	Place Value	Length	Place Value and Statistics	Addition and Subtraction
Week 2	Place value	Statistics	Mass, Volume and Capacity	Addition and Subtraction	Addition and Subtraction	Multiplication and Division
Week 3	Length and Mass	Fractions	Addition and Subtraction	2D and 3D Shape	Capacity and Volume Temperature	Statistics and Calculation
Week 4	Addition and Subtraction	Capacity and Volume	Money	Fractions and Position and Direction	Fractions	Measurement
Week 5	Addition and Subtraction	Money Time	Multiplication and Division	Time	Position and Direction Time	Assess and Review Then address significant gaps
Week 6	2D and 3D Shape	Assess and Review	Multiplication and Division	Assess and Review	2D and 3D Shape	

Year 3

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Place value, Addition and Subtraction	Multiplication tables (3x & 4x)	Place value, Addition and Subtraction	2D Shape	Addition and Subtraction	Place Value
Week 2	Place value, Addition and Subtraction	Multiplication	Multiplication	Addition, Subtraction and Statistics	Addition and Subtraction	Calculation
Week 3	Length and Perimeter	Division	Multiplication	Fractions	Multiplication and Division	Fractions
Week 4	Statistics	Time	Fractions	Position and Direction	2D Shape	Statistics
Week 5	Addition and Subtraction	3D shape	Division	Time	Decimal Place Value	Time
Week 6	Addition and Subtraction	Assess and Review	Volume, Capacity and Mass	Assess and Review	3D Shape	Assess and Review

Year 4

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Place Value	Multiplication	Place Value	Addition and Subtraction Money	Place Value	Addition and Subtraction
Week 2	Addition and Subtraction	Multiplication	Place Value	2-D Shape and Sorting	Fractions	Addition and Subtraction
Week 3	Length and Perimeter	Division	Multiplication	Position and Direction	Fractions	Multiplication and Division
Week 4	Statistics	Time	Multiplication	Area Statistics	2D and 3D Shape	Multiplication and Division
Week 5	Addition and Subtraction	3D Shape	Division	Measure	Statistics	Multiplication and Division
Week 6	Addition and Subtraction	Assess and Review	Addition and Subtraction Fractions	Assess and Review	Place Value	Assess and Review

Year 5

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Place Value	Multiplication and Division	Place Value and Negative Numbers	Fractions	Place Value	Division
Week 2	Place Value	Multiplication and Division	Addition and Subtraction	Geometry (Shape)	Place Value	Fractions
Week 3	Addition and Subtraction	Fractions	Multiplication	Measurement (Volume)	Measurement and Statistics	Percentages
Week 4	Addition and Subtraction	Multiplication and Area	Measures (Length, Mass and Capacity)	Statistics	Geometry	Statistics
Week 5	Statistics	Time	Geometry	Problem Solving including Bar Modelling	Addition and Subtraction	Measurement
Week 6	Geometry and Measures	Assess and Review	Geometry	Assess and Review	Multiplication	Assess and Review

Year 6

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Number and Place Value and Decimals	Division	Geometry: Area and Perimeter. Volume of shapes.	<i>Assess & Review</i>	Place Value: Number – Solving problems, finding target numbers	Calculation: Solving problems involving all four operations.
Week 2	Number and Place Value Algebra – simple algebraic expressions.	<i>Assess & Review</i> Fractions: Proper, Improper, Mixed Number. Fractions of shapes	Geometry: Circles – Parts of a circle. Calculating circumference and area. Solving problems involving circles.	Ratio & Proportion	Statistics – Reading and interpreting data in various formats- bar, line, pie charts and conversion graphs.	Calculation: Solving problems involving all four operations.
Week 3	Algebra – substitution, finding values of symbols.	Fractions: Equivalent, finding fractions of amounts, simplifying, ordering.	Geometry: Reflections, Rotations, Translations and Transformations. Plotting co-ordinates.	Ratio & Proportion – Scaling, Solving Problems Roman Numerals	<i>Assess & Review</i>	Algebra
Week 4	Addition & Subtraction	Fractions: Addition, Subtraction, Multiplication and Division.	Geometry – Types of Angles.	Measurement: Length, Mass, Capacity, Volume, Reading Scales, Solving Problems.	Measurement: Money. Solving problems involving money.	Measurement: Practical work, solving problems.
Week 5	Multiplication	Percentages: Equivalence, Finding common and more complex percentages of amounts.	Calculations: Calculating Probability. Mathematical averages – mode, mean, median and range.	<i>Assess & Review</i>	Geometry	Geometry
Week 6	Types of numbers – Negative, Squared, Primes.	Geometry – 2D and 3D shapes, lines of symmetry. Co-ordinates	Measurement: Time	Algebra – Solving problems involving formulae.	Geometry	<i>Assess & Review</i>