Meadow Park: Sequence Of Learning Overview 2025-2026

Subject- Mathematics

Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Year 1					
Number Place Value: Within 10 **Number** Place Value: count to and across 100	**Number** Addition and Subtraction: Within 10	**Measurement** Money: Recognise the value of different notes and coins.	**Measurement** Length and Height: compare, describe, measure and begin to record.	**Number** Fractions: recognise, find a name a half and a quarter.	**Geometry** Position and Direction: describe position direction and movement.
Number Addition and Subtraction: Within 10	**Geometry** Shape: Recognise and name common 2D and 3D shapes.	**Number** Multiplication and Division: solving problems using concrete resources.	**Measurement** Weight and Volume: more than, less than, full/empty, half, half full.	**Measurement** Time: sequence events in chronological order using language.	**Consolidation** Recap any misconceptions over the year, filling gaps and ensuring confidence for year 2.
Year 2					
Number Place Value: recognise place value of 2-digit numbers.	**Number** Addition and Subtraction: within 20 frequently and related facts to 100.	**Measurement** Money: Recognise and use the symbols for £ and p. Combine amount to make a value.	**Measurement** Length and Height: choose appropriate standard units to estimate and measure length/height.	**Number** Fraction: write simple fractions and recognise the equivalence.	**Geometry** Position and Direction: order and arrange combinations of mathematical objects in patterns and sequences.
Number Place Value: count, read and write numbers to 100. **Number** Addition and Subtraction: within 20 frequently and related facts to 100.	**Number** Addition and Subtraction: within 20 frequently and related facts to 100.	**Number** Multiplication and Division: 2s, 5s and 10s.	**Measurement** Mass, Capacity and Temperature: compare and order mass, volume/capacity and record the results using <, > and =.	**Measurement** Time: compare and sequence intervals of time.	**Statistics** Discrete and Continuous Data: interpret and construct simple pictograms and tally charts.
Year 3					
Number Place Value: recognising the place value of each digit in a 3-digit number.	**Number** Addition and Subtraction: add and subtract numbers mentally a 3-digit and ones, tens and hundreds.	**Number** Multiplication and Division: 2-digit by 1-digit. 3,4 and 8 times tables.	**Number** Fractions: add and subtract fractions with the same denominator.	**Number** Decimals: connect tenths to place value, decimal measures and to division by 10. **Measurement** Money: add and subtract amount of money to give change.	**Geometry** Properties of Shape: recognise angles as a property of shape or a description turn. **Geometry** Properties of Shape: recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn.
Number Addition and Subtraction: add and subtract numbers mentally a 3-digit and ones, tens and hundreds.	**Number** Multiplication and Division: 2-digit by 1-digit. 3,4 and 8 times tables.	**Measurement** Length and Perimeter: add, subtract, measure and compare.	**Measurement** Mass, Capacity and Length: add, subtract, measure and compare.	**Measurement** Time: read analogue clocks, months in a year, days in a month, durations of events.	**Statistics** Interpret and present data using bar charts, picograms and tables.

	Measurement Area: Find the area of simple shapes.				
Year 4					
Number Place Value: recognising the place value of each digit in a 4-digit number.	**Number** Addition and Subtraction: add and subtract numbers with up to 4 digits using the formal written methods.	**Number** Multiplication and Division: 3-digit by 1-digit. Up to 12 times tables.	**Number** Fractions: recognise and show using diagrams, families of common equivalent fractions.	**Number** Decimals: recognise and write decimal equivalents of any number of tenths or hundreds	**Geometry** Properties of Shape: identify acute and obtuse angles and compare and order angles up to two right angles by size.
Number Addition and Subtraction: add and subtract numbers with up to 4 digits using the formal written methods.	**Number** Multiplication and Division: 3-digit by 1-digit. Up to 12 times tables.	**Measurement** Length and Perimeter: convert between units of measure.	**Measurement** Mass, Capacity and Length: convert between units of measure.	**Measurement** Money: estimate, compare and calculate word problems with money.	**Geometry** Properties of Shape: identify lines of symmetry in 2-D shapes presented in different orientations
	Measurement Area: find the area of rectilinear shapes by counting squares			**Measurement** Time: convert between 12-hour analogue and 24-digital time. Solve problems hours to minutes, minutes to seconds, years to months and weeks to days.	**Statistics** Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
Year 5					
Number Place Value: up to 1 000 000.	**Number** Multiplication and Division: 4-digits by 1-digit.	**Number** Multiplication and Division: 4-digits by 2-digits using a formal written method.	**Number** Decimals: round decimals with two decimal places to the nearest whole number to one decimal place. Percentages: recognise the % symbol and understand that percent relates to 'number of parts per hundred.'	**Geometry** Identify 3D shapes, including cubes and other cuboids, from 2D representations	**Number** Negative numbers: count through zero in 1s and finding the difference.
Number Addition and Subtraction: more than 4-digits.	**Fractions** Add and Subtract with the same denominator	**Fractions** Add and Subtract with the same denominator	**Measurement** Perimeter, Area: calculate the perimeter of rectangles and related composite shapes. Calculate the area from scale drawings.	**Geometry** Position and Direction: identify, describe and represent the position of a shape following reflection or transition.	**Measurement** Converting Units: Convert between different units of metric measure, kilometre to metre, centimetre and metre etc
			Statistics Solve comparison, sum and difference problems using information from line graphs.	**Number** Decimals: round decimals with two decimal places to the nearest whole number to one decimal place.	**Measurement** Volume: Comparing volume, estimating volume and estimate capacity.
Year 6					
Number Place Value: up to 10 000 000.	**Number**	**Number**	**Number**	**Geometry**	**Measurement**

	Multiplication and Division: 4-digits by 2-digits using a formal written method.	Multiplication and Division: 4-digits by 2-digits using a formal written method.	Decimals: multiply 1-digit numbers with up to two decimal places by whole numbers. Percentages: recall and use equivalences between simple fractions, decimals and percentages.	(Draw 2D shapes given dimensions and angles.)	Converting Units: solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places.
Number Addition and Subtraction: multi-step problems in contexts, deciding which operations and methods to use and why.	**Fractions** Add and Subtract with different denominators and mixed numbers	**Fractions** Add and Subtract with the same denominator	**Measurement** Perimeter, Area and Volume: recognise that shapes with the same areas can have different perimeters Recognise when it is possible to use formulae for area and volume.	**Geometry** Position and Direction: describe positions on a full coordinate grid. Draw and translate simple shapes on the coordinate plane.	**Measurement** Volume: Recognise when it is possible to use formulae for area and volume.
	Ratio Solve problems involving the relative sizes of two quantities where missing values can be found.	**Ratio** Solve problems involving the relative sizes of two quantities where missing values can be found.	**Statistics** Interpret and construct pie charts and use these to solve problems.	**Number** Decimals: multiply 1-digit numbers with up to two decimal places by whole numbers.	**Algebra** Use simple formulae and express missing number problems algebraically.
<u>Year 7</u>					
Four operations	Fractions, add, subtract, multiply, divide, Equivalences and decimals	Whole numbers, place value and decimals	Rounding	Basic percentages	Primes numbers, Multiples, factors, square, cube and prime factorisation, roots
Times tables	2D/3D shapes- Perimeter and area	Algebra- Expressions, equations, formulae, terms, factors, inequalities and identities, simplify and collect	Angles- acute, obtuse, reflex	Algebra- substituting numerical values	Ratio- Simplest forms and multiplicative relationships
Probability key terms and use Scale 0 to 1.	Averages- Mean, mode and range	Interpret algebraic notion	Charts- tables, timetables, line graphs and pictograms, coordinates	Algebra- Find the term-to-term rule	2D shapes- Translations, rotations, reflection, enlargements and symmetry
<u>Year 8</u>					
Use a calculator efficiently	Convert fractions and percentages	Negative numbers	Rounding estimating, significant figures and decimals	Percentages of a quantity	Factors, multiples, HCF and LCM
= <> <u><</u> <u>></u>	Composite shapes, circumference, area and perimeter and volume	Algebra- Solve Linear equations	Unknown angles, alternate, corresponding and complementary angles	Algebra- Standard form	Proportion- percentage increase, decrease and change
Probability- Mutually exclusive and equally likely outcomes	*Averages- Modal class*	Algebra- Expand single and double brackets	Charts-interpret discrete data. *Connect coordinates, equations and graphs. Statistical representations*	Algebra- Find the nth term of a sequence	Properties of circle and rhombus
<u>Year 9</u>					
Reciprocals	Powers of fractions	Inverse and order of operations	Rounding errors	Percentage problems involving interest	Factorising, Powers Roots and standard form

Division 3 digit by 2 digit whole numbers	similarity and congruence Pythagoras theorem Trigonometry	Algebra-Factorise linear and quadratic expressions	Pythagoras and trigonometry	Algebra- recognise other types of sequences (non-arithmetic)	Proportion- Speed, unit pricing and density
Probability- analyse the frequency, theoretical probabilities and single/combined events.	Averages- Compare grouped, discrete or continuous data	Algebra-Standard form	Chart- Scatter graphs and describes mathematical relationships between two variables	Binominals and rearrange formulae	Elevations of 3D shapes
Year 10					
Number Properties	Algebraic expressions	Fractions	Geometrical reasoning	Constructions	Circles
Representing data	3d Shapes	Perimeter and Area	Patterns and sequences	Percentages	Equations
2D shapes	Units	Probability	Ratio and proportion	Collecting data	Compound measures
Negative Numbers	Averages	Decimal numbers	Scatter graphs	Accuracy and rounding	Pythagoras theorem
Year 11					
Linear Graphs	Indices and standard form	Trigonometry	Revision	Past exam papers	
Inequalities	Graphical functions	Revision			
Transformations and vectors	Volume and surface area				
Formulae and kinematics	Simultaneous equations				

	Number
	Algebra
	Ratio
	Geometry and measure
	Probability
	Statistics