Maths End Points

KS1	
Year 1	
Power Maths Unit	**End Point**
Unit 1: Numbers to 10	Children will be able to count to 10, recognise and write numbers to 10, compare numbers using more/less, and order numbers up to 10.
Units 2 – 4: Part-whole within 10; Addition within 10; Subtraction within 10	Children will confidently use addition and subtraction within 10, understanding number bonds, and beginning to use mental strategies for simple calculations.
Unit 5: 2D and 3D Shape	Children will be able to identify and describe 2D shapes and their properties.
Unit 6: Numbers to 20	Children will confidently count to 20, recognise and write numbers up to 20, and understand the place value of teen numbers.
Unit 7 – 8: Addition within 20; Subtraction within 20	Children will use addition and subtraction within 20 effectively, understand related number facts, and apply number bonds to 20.
Unit 8: Numbers to 50	Children will count in multiples of 2, 5, and 10, and confidently compare and order numbers up to 50.
Unit 9: Introducing Length and Height	Children will compare, measure, and understand length and height using non-standard and standard units.
Unit 10: Introducing Mass and Volume	Children will compare, measure, and understand mass and volume using non-standard and standard units.
Unit 11: Multiplication and Division	Children will understand basic concepts of multiplication and division, using practical methods to solve simple problems.
Unit 12: Halves and Quarters	Children will identify and find halves and quarters of shapes and quantities.
Unit 13: Position and Direction	Children will use positional language accurately and describe movements and turns.
Unit 14: Numbers to 100	Children will confidently count to 100, recognise and write numbers up to 100, and understand place value of tens and ones.
Unit 15: Money	Children will recognise coins and notes, understand their value, and solve simple money problems.
Unit 16: Time	Children will tell time to the hour and half past, understand calendar concepts, and sequence events correctly.

Maths End Points

KS1	
Year 2	
Power Maths Unit	**End Point**
Unit 1: Numbers to 100	Children will confidently count, read, and write numbers up to 100, understand place value (tens and ones), and compare and order numbers up to 100.
Units 2 and 3: Addition and Subtraction 1; Addition and Subtraction 2	Children will confidently use number bonds to 20 and perform addition and subtraction with one-digit and two-digit numbers using mental and written methods.
Unit 4: Properties of Shape	Children will identify, describe, compare, and sort common 2D and 3D shapes and recognise lines of symmetry.
Unit 5: Money	Children will recognise and use money symbols, combine amounts to make specific values, and solve simple addition and subtraction problems involving money.
Units 6 and 7: Multiplication and Division 1; Multiplication and Division 2	Children will recall multiplication and division facts for the 2, 5, and 10 times tables, perform related calculations, and solve simple problems involving multiplication and division.
Unit 8: Length and Height	Children will measure, compare, and order lengths and heights using appropriate units and tools, and solve practical problems involving these measurements.
Unit 9: Mass, Capacity and Temperature	Children will measure, compare, and order mass, capacity, and temperature using appropriate units and tools, and read scales accurately.
Unit 10: Statistics	Children will interpret and construct pictograms, tally charts, block diagrams, and tables, and answer questions about the data presented.
Unit 11: Fractions	Children will recognise and find fractions of lengths, shapes, sets of objects, and quantities, and understand and use basic fraction terminology.
Unit 12: Position and Direction	Children will accurately describe position, direction, and movement using appropriate vocabulary and understand different types of turns.
Unit 13: Time	Children will tell the time to the nearest five minutes, understand key terms related to time, and compare and sequence intervals of time.
Unit 14: Problem solving and Efficient Methods	Children will solve a range of addition and subtraction problems.

Maths End Points

KS2	
Year 3	
Power Maths Unit	**End Point**
Unit 1: Place Value within 1000	Children will confidently understand the place value of three-digit numbers, compare, and order numbers up to 1,000, and count in multiples of 50 and 100.
Units 2 and 3: Addition and Subtraction 1; Addition and Subtraction 2	Children will use mental and formal methods for addition and subtraction, estimate answers, check using inverse operations, and solve related problems.
Units 4 and 5: Multiplication and Division 1; Multiplication and Division 2	Children will recall multiplication and division facts for the 3, 4, and 8 times tables and apply these strategies to solve problems.
Unit 6: Multiplication and Division 3	Children will use formal written methods for multiplication and division and solve related problems confidently.
Unit 7: Length and Perimeter	Children will measure, compare, and calculate lengths and perimeter using appropriate units and tools.
Unit 8: Fractions 1	Children will understand and use fractions as numbers and parts of a whole, compare and order fractions.
Unit 9: Mass	Children will measure and compare mass using appropriate units and perform related calculations confidently.
Unit 10: Capacity	Children will measure and compare capacity using appropriate units and perform related calculations confidently.
Unit 11: Fractions 2	Children will add and subtract fractions with the same denominator
Unit 12: Money	Children will confidently add and subtract money and solve practical problems involving money.
Unit 13: Time	Children will tell and write the time accurately, estimate and read time to the nearest minute, and use appropriate vocabulary related to time.
Unit 14 Angles and Properties of Shape	Children will draw and describe 2D and 3D shapes, recognise and describe angles, and identify right angles and other angles in shapes and turns.
Unit 15: Statistics	Children will interpret and present data using bar charts, pictograms, and tables and solve related questions.

Maths End Points

KS2	
Year 4	
Power Maths Unit	**End Point**
Units 1 and 2: Place Value 4-digit numbers 1; Place Value 4-digit numbers 2	Children will confidently understand the place value of four-digit numbers, order and compare numbers beyond 1,000, and round numbers to the nearest 10, 100, or 1,000.
Unit 3: Addition and Subtraction	Children will use formal written methods for addition and subtraction, estimate answers, check using inverse operations, and solve related problems.
Unit 4: Measure - Area	Children will find the area of rectilinear shapes by counting squares and understand the relationship between area, arrays, and multiplication.
Unit 5: Multiplication and Division 1	Children will recall multiplication and division facts up to 12 × 12, use mental calculations, understand factor pairs, and multiply two-digit and three-digit numbers by a one digit number using formal methods.
Unit 6: Multiplication and Division 2	Children will solve multiplication and division problems involving scaling and correspondence problems confidently.
Unit 7: Length and Perimeter	Children will measure and calculate the perimeter of rectilinear figures and convert between units of measure confidently.
Units 8 and 9: Fraction 1; Fractions 2	Children will recognise and use equivalent fractions, solve fraction problems, add and subtract fractions with the same denominator, and understand decimal equivalents.
Unit 10: Decimals 1	Children will recognise and write decimal equivalents and understand the place value of digits resulting from division by 10 and 100.
Unit 11: Decimals 2	Children will understand and use decimal equivalents, round decimals, compare decimals, and solve measure and money problems involving fractions and decimals.
Unit 12: Money	Children will confidently solve problems involving money using decimal notation.
Unit 13: Time	Children will read, write, and convert time between analogue and digital 12- and 24hour clocks and solve related problems.
Unit 14: Geometry- Angles and 2D Shape	Children will identify and compare angles, recognise lines of symmetry, and complete symmetric figures.
Unit 15: Statistics	Children will interpret and present data using graphical methods and solve problems based on the data.
Unit 16: Position and Direction	Children will describe positions, movements, and plot points on a 2D grid as coordinates in the first quadrant.

Maths End Points

KS2	
Year 5	
Power Maths Unit	**End Point**
Units 1 and 2: Place Value within 1,000,000 (1); Place Value within 1,000,000 (2)	Children will confidently understand place value for numbers up to 1,000,000 and round numbers to the nearest 10, 100, 1,000, 10,000, and 100,000.
Unit 3: Addition and Subtraction	Children will use formal written methods and mental strategies for addition and subtraction, use rounding to check answers, and solve multi-step problems.
Unit 4: Multiplication and Division 1	Children will identify multiples, factors, prime numbers, and use formal written methods for multiplication and division.
Units 5 and 6: Fractions 1; Fractions 2	Children will compare, order, and recognise equivalent fractions, convert between mixed numbers and improper fractions, and add and subtract fractions with common denominators.
Unit 7: Multiplication and Division 2	Children will use formal written methods for multiplication and division and solve related problems.
Unit 8: Fractions 3	Children will multiply proper fractions and mixed numbers by whole numbers and solve related problems involving fractions and scaling.
Unit 9: Decimals and Percentages	Children will work with numbers up to three decimal places, round decimals, solve related problems, and understand and use percentages.
Unit 10: Measure – Perimeter and Area	Children will measure and calculate perimeter and area of rectilinear shapes and estimate the area of irregular shapes.
Unit 11: Statistics – Graphs and Tables	Children will solve problems using line graphs and interpret information in tables and timetables.
Unit 12: Geometry – Properties of Shape	Children will identify 3D shapes from 2D representations, understand and measure angles, and distinguish between regular and irregular polygons.
Unit 13: Geometry – Position and Direction	Children will understand and use the concepts of reflection and translation.
Unit 14: Decimals	Children will add and subtract decimals, solve problems involving decimals, and use all four operations with decimal measures.
Unit 15: Negative Numbers	Children will understand and work with negative numbers in various contexts.
Unit 16: Measure – Converting Units	Children will confidently convert between different units of metric and imperial measures and solve related problems.
Unit 17: Measure – Volume and Capacity	Children will estimate volume and capacity, solve problems involving time, and use all four operations to solve measurement problems

Maths End Points

KS2	
Year 6	
Power Maths Unit	**End Point**
Unit 1: Place Value within 10,000,000	Children will confidently understand place value for numbers up to 10,000,000, round numbers accurately, and work with negative numbers.
Units 2 and 3: Four Operations 1; Four Operations 2	Children will use formal written methods for all four operations, solve multi-step problems, and understand factors, multiples, and prime numbers.
Unit 4: Fractions 1	Children will simplify fractions, compare and order fractions, and add and subtract fractions with different denominators.
Unit 5: Fractions 2	Children will multiply and divide fractions, calculate decimal equivalents, and solve percentage problems.
Unit 6: Measure – Imperial and Metric Measures	Children will confidently convert between different units of metric and imperial measures and solve related problems.
Unit 7: Ratio and Proportion	Children will understand and solve problems involving ratio, scaling, and percentages.
Unit 8: Algebra	Children will understand and use basic algebraic concepts and solve problems involving equations and sequences.
Unit 9: Decimals	Children will work confidently with numbers up to three decimal places and solve related problems.
Unit 10: Percentages	Children will calculate and compare percentages and recall equivalences between fractions, decimals, and percentages.
Unit 11: Measure – Area, Perimeter and Volume	Children will calculate and compare the area and volume of shapes, using formulae where appropriate.
Unit 12: Statistics	Children will interpret and construct pie charts and line graphs, and calculate the mean.
Unit 13: Geometry – Properties of Shape	Children will draw and build shapes, compare and classify shapes, and find unknown angles.
Unit 14: Geometry – Position and Direction	Children will describe positions on a full coordinate grid, translate and reflect shapes.
Unit 15: Problem Solving	Children will confidently solve a range of problems across a range of contexts.