



# Pinehurst Primary School- Maths Overview 2021-22

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>LPC</b>	Listen and enjoy Number rhymes to 5. Fit shapes into spaces. Show an interest in emptying containers. Categorise objects by shape and size. Recognise some familiar shapes	Uses some number names in play. Stack blocks to create small towers. Joins in with repeated actions in songs or stories. Become familiar with daily routine	Say some numbers in sequence. Count to 3. Use the language of quantity such as more. Categorise objects in to groups	Show counting like behaviour pointing to objects and saying numbers. Anticipates time-based events due to familiar routine/now and next. Enjoy using blocks to create simple structures and arrangements	Count to 5. Notice shapes in the environment Using language of quantities. Join in and predicts what comes next in a story. Explore capacity by filling and emptying a variety of different containers	Use language more/less when comparing quantities. Uses language of size. Noticing and naming shapes. Begin to arrange toys in their own patterns
<b>LA</b>	Number rhymes, rote counting and representing numbers to 5. Estimating numbers, partitioning and part-part whole. Use resources including 10 frames and numicon. One more/One less. Sorting objects, size and colour. Positional language and 2D shapes.	Identifying 1-5 and the value of each number using numicon and concrete objects. One more, one less. Use ten frames and number lines. Use language to describe size and shape.	Counting, subitizing and splitting 0-4 from a larger group. Recognising numerals 0-4. Recognise and talk about shapes in everyday objects. Use language of size language such as big, little and heavy, light. Use everyday words to describe capacity.	Represent numbers up to 5. Recognise groups with up to 5 objects. Match groups with the same number of objects. Start using number stories. Using language of biggest and smallest. Encourage children to talk about shapes in everyday objects. Use size language such big, little and heavy, light, size, length and weight.	Recap of partitioning objects, concrete and pictorial. Number recognition and ordering 0-10. One more, one less. Number bonds to 5. Order items by size, length and weight. Develop mathematical ideas and methods to solve practical problems.	Estimating using numbers to 6. Number ordering and recognition. Number stories. Pictorial, Concrete, Abstract. Develop mathematical ideas and methods to solve practical problems. Use everyday words to describe capacity, length and weight.
<b>Reception</b>	Count objects, actions and sounds, Matching isolated objects that belong to the same set, link the number symbol (numeral) to its cardinal number value, compare consecutive numbers one more than/one less than, explore the composition of numbers up to ten, recall simple number bonds, select rotate and manipulate shapes, group objects into different sets according to a variety of attributes (e.g. pattern, colour, size, function, coin type), subitize sets of 1, 2 and 3 thing, compare length, weight and capacity with appropriate mathematical vocabulary.					
<b>1</b>	Number and Place Value: Numbers to 10 Number Bonds Addition within 10	Calculations: Subtraction within 10 Shape: Positions Number and Place Value: Numbers to 20	Calculations: Addition & Subtraction within 20 Geometry: Shapes & Patterns	Measurement: Length and Height Number and Place Value: Numbers to 40 Calculation: Addition & Subtraction Word Problems	Calculation: Multiplication Division Fractions Number and Place Value: Numbers to 100	Measurement: Time Measurement: Money Volume & Capacity Measurement: Mass Geometry: Space
<b>2</b>	Number and Place Value: Numbers to 100 Calculation: Addition and Subtraction	Calculation: Multiplication of 2, 5 and 10. Calculation: Multiplication and Division of 2,5,10	Measurement: Money Geometry: 2D shape 3D shape	Fractions Measurement: Time Volume	Measurement: Length Mass Temperature	Statistics: Picture graphs Word problems
<b>3</b>	Number and place value: Numbers to 1000	Calculation: Multiplication and Division Calculation: Further Multiplication and Division	Measurement: Length Measurement: Mass Measurement: Volume	Measurement: Money Measurement: Time	Statistics: Bar and Picture Graphs Fractions	Geometry: Angles Geometry: Lines and Shape Measurement: Perimeter of Figures

4	<p>Number and Place Value: Numbers to 10000 Calculation: Addition and Subtraction</p>	<p>Calculation: Multiplication and Division Calculation: Further Multiplication and Division</p>	<p>Statistics: Graphs Fractions</p>	<p>Measurement: Time Decimals</p>	<p>Measurement: Money Measurement: Mass, Volume and Length Measurement: Area of Figures</p>	<p>Geometry: Property of shape Geometry: Position, direction, and movement Number and place value: Roman Numerals</p>
5	<p>Number and Place Value: Numbers to 1,000,000 Calculation: Addition and Subtraction</p>	<p>Calculation: Multiplication and Division Calculation: Word Problems Statistics: Graphs</p>	<p>Fractions Decimals</p>	<p>(Cont.) Decimals Percentage</p>	<p>Geometry: Properties of Shape Geometry: Position and Movement Measurement</p>	<p>Area and Perimeter Volume Number and place value: Roman Numerals</p>
6	<p>Number and Place Value: Numbers to 10 Million Calculations: Four Operations of Whole Numbers Fractions</p>	<p>(Cont.) Fractions Decimals Measurement</p>	<p>Percentage Ratio Algebra</p>	<p>Area and Perimeter Geometry: Properties of shape Geometry: Position and direction of movement</p>	<p>Statistics: Graphs and Averages Number and Place Value: Negative Numbers <b>SATs</b> Measurement: Volume</p>	<p>Geometry: Properties of Shape Geometry: Position and Direction of Movement Statistics: Graphs and Averages</p>