



# Harrow Lodge Primary School

## Maths Long Term Plan 2021-2022



	Autumn		Spring		Summer	
EYFS	<u>Number and Place Value</u> Counting principles across EYFS  <u>Getting to know you</u> (Take this time to play and get to know the children!)  <u>Just like me!</u> Matching, sorting and comparing objects, reasoning/explaining and making patterns.	<u>It's me 1, 2, 3!</u> Representing, comparing, composition of numbers, circles and triangles and spatial awareness.  <u>Light and Dark</u> Subitise up to 5, One more and one less, shapes with 4 sides and Night and Day	<u>Alive in 5!</u> Zero, counting numbers to 5, Comparing numbers to 5, Composition of 4-5, compare mass and capacity  <u>Growing 6,7,8</u> Counting numbers to 6,7,8, Making pairs, Combining 2 groups, Length and Height, Time, Digging deeper	<u>Building 9 and 10</u> Counting numbers to 9-10, Comparing numbers to 10, Number bonds to 10, 3D shape, patterns	<u>To 20 and beyond</u> Building numbers beyond 10, Counting patterns beyond 10, Spatial Reasoning and Digging deeper.  <u>First, then, now</u> Adding more, Taking away, Spatial Reasoning	<u>Find my pattern</u> Doubling, sharing and grouping, Even and odd, Spatial reasoning  <u>On the move</u> Deeping understanding, Patterns and relationships, Spatial reasoning
Year 1	Number and Place Value: Numbers to 10  Calculations: Addition and Subtraction Numbers to 10	Calculations: Addition and Subtraction within 10  Geometry – Shape  Number and Place Value: Numbers to 20	Calculations: Addition and Subtraction within 20  Measurement: Length and Height	Number and Place Value: Numbers to 50  Measurement: Weight and Volume	Calculations: Multiplication & Division  Fractions: Fractions  Geometry – Position and Direction: Space	Number and Place Value: Numbers to 100  Measurement: Money  Measurement: Time
Year 2	Number and Place Value: Numbers to 100  Calculations: Addition and Subtraction	Calculations: Addition and Subtraction  Measurement: Money  Calculations: Multiplication and Division of 2, 5 and 10 (Introduction)	Calculations: Multiplication and Division of 2, 5 and 10  Statistics: Graphs – Tally charts and Pictograms	Geometry – Properties of Shapes: 3-D Shapes  Fractions: Fractions	Measurement: Length and Height.  Geometry – Position and Direction  SATs	Measurement: Time.  Measurement: Mass, Capacity and Temperature
Year 3	Number and Place Value: Numbers to 1000  Calculations: Addition and Subtraction	Calculations: Addition and Subtraction  Calculations: Multiplication and Division	Calculations: Multiplication and Division  Measurement: Money  Statistics: Picture and Bar Graphs	Measurement: Length and Perimeter  Fractions, Decimals and Percentages: Fractions	Fractions, Decimals and Percentages: Fractions  Measurement: Time	Geometry – Properties of Shapes  Measurement: Mass and Capacity

Year 4	<p>Number and Place Value: Numbers to 10 000</p> <p>Calculations: Addition and Subtraction within 10 000</p>	<p>Calculations: Multiplication and Division</p> <p>Measurement: length and Perimeter</p>	<p>Calculations: Further Multiplication and Division</p> <p>Measurement: Area</p>	<p>Fractions, Decimals and Percentages: Decimals</p>	<p>Decimals</p> <p>Measurement: Money, Time</p> <p>Statistics: Graphs</p>	<p>Geometry – Properties of Shapes: Geometry</p> <p>Geometry – Position and Direction: Position and Movement</p> <p>Number and Place Value: Roman Numerals</p>
Year 5	<p>Number and Place Value: Numbers to 1 000 000</p> <p>Calculations: Addition and Subtraction</p>	<p>Calculations: Multiplication and Division</p> <p>Statistics: Graphs</p> <p>Measurement: Area and perimeter</p>	<p>Calculations: Multiplication and Division</p> <p>Fractions</p>	<p>Fractions cont.</p> <p>Decimals and Percentages</p>	<p>Decimals</p> <p>Properties of shape</p> <p>Measurement - Volume</p>	<p>Measurement: Converting Units,</p> <p>Number and Place Value: Roman Numerals</p> <p>Geometry – Position and Direction: Position and Movement,</p>
Year 6	<p>Number and Place Value: Numbers to 1 000 000</p> <p>Number and Place Value: Roman Numerals</p> <p>Calculations: Addition and Subtraction</p> <p>Calculations: Multiplication and Division</p>	<p>Fractions, Decimals and Percentages: Fractions</p> <p>Geometry – Position and Direction: Position and Movement</p>	<p>Fractions, Decimals and Percentages: Decimals</p> <p>Algebra</p>	<p>Measurement: Converting Units Perimeter, area and volume.</p> <p>Ratio</p>	<p>Statistics: Graphs, Circles, Pie charts, The Mean.</p> <p>SATs</p>	<p>Geometry – Position and Direction: Position and Movement</p> <p>Investigations and Problem solving.</p>