

# Sapphire-Year 1 Medium Term Maths Curriculum Map

<p>-Differentiation by input see the weekly planning sheet/                      -Key vocab for each learning objective is in red font /                      -Resources -see the weekly planning /                      -Minimum Assessment for Learning strategies for all topics = Peer Talk; targeted questioning; mini white boards; and self and peer marking                      - Long term memory development strategies= Recapping pervious learning at the start of each new topic / Long term memory strategy linked to the objectives on this sheet for each week                      -Mathematics Cultural Capital = Applying maths investigative Skill and problem-solving skills = Try to embed these into all lessons – where applicable</p>							
Sapphire Year 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<b>The learning objectives must be taught in the numbered order.</b>							
Autumn first half	<p><b>Number and place value</b>  <b>Learning Objectives</b>                      LO1: Identify and represent numbers using objects and pictorial representations                      LO2: Read and write numbers from 1-20 in numerals and words                      LO3: Count to and across 100, forwards beginning with 0 or 1</p>	<p><b>Addition</b>                      LO1: Read, write and interpret mathematical statements involving addition (+) and the equals (=) sign                      LO 2: Pupils memorise and reason with number bonds to 10                      LO3: Solve one-step problems that involve addition</p>	<p><b>Subtraction</b>                      LO1: Read, write and interpret mathematical statements involving subtraction (-) and the equals (=) sign                      LO2: Pupils memorise and reason with number bonds to 10                      LO3: Solve one-step problems that involve subtraction</p>	<p><b>Fractions</b>                      LO1: Recognise, find and name a half as one of two equal parts of a shape/object                      LO2: Recognise, find and name a half as one of two equal parts of a quantity</p>	<p><b>Geometry – 2D Shape</b>                      LO1: Recognise and name common 2D Shapes including:                      - rectangles                      - squares                      - circles                      - triangles                      LO2: Pupils handle common 2D shapes, naming these and relating them to everyday objects.                      LO3: Recognise 2D shapes in different orientations and sizes.</p>	<p><b>Geometry – 3D Shape</b>                      LO 1: Recognise and name common 3-D shapes for example cuboids, cubes, pyramids and spheres.                      LO 2: Pupils handle 3D shapes naming these and related everyday objects fluently</p>	Assessment, Review and Consolidation
Autumn second half	<p><b>Multiplication</b>                      LO1: Through grouping small quantities pupils begin to understand multiplication, doubling numbers and quantities.                      LO2: They make connections between arrays, number patterns and counting in 10s.                      LO3: solve one-step problems involving multiplication calculating the answers using concrete objects, pictorial representation and arrays.</p>	<p><b>Division</b>                      LO1: Through sharing small quantities pupils begin to understand division.                      LO2: solve one-step problems involving division calculating the answers using concrete objects, pictorial representation and arrays.</p>	<p><b>Number and Place Value</b>                      LO1 Count to and across 100 forwards and backwards beginning with 0 or 1.                      LO 2: Count read , write numbers to a 100 in numerals                      LO1: Given a number identify one more and one less.</p>	<p><b>Time</b>                      LO1: Compare, describe and solve practical problems for time using language such as quicker, slower, earlier and later.                      LO 2: Recognise and use language relating to dates including days of the week.                      LO 3 sequence events in chronological order using language such as before, after, next, first, today, yesterday tomorrow, morning, afternoon and evening                      LO 4: Tell the time to the hour and draw the hands on a clock face to show these times.</p>	<p><b>Measurement-Length and Height</b>                      LO1; Compare, describe and solve practical for lengths and heights including long/short, longer/shorter, tall/short, double/half.                      LO2; Pupils begin to use measuring tools such as a ruler.                      LO 3: Measure and begin to record lengths and heights.</p>	<p><b>Money</b>                      LO 1 recognise and know the value of different denominations of coins</p>	Assessment, Review and Consolidation
Spring first half	<p><b>Addition</b>                      LO 1: LO2: Add one-digit and two-digit numbers to 20, including zero                      LO2: Solve one-step problems that involve addition using concrete objects and pictorial representations and missing number problems.</p>	<p><b>Subtraction</b>                      LO1: Subtract one-digit and two-digit numbers to 20, including zero                      LO2: Solve one-step problems that involve subtraction using concrete objects and pictorial representations and missing number problems.</p>	<p><b>Statistics</b>                      LO1: Pupils record, interpret, collate, organise and compare information</p>	<p><b>Statistics</b>                      LO1: Pupils record, interpret, collate, organise and compare information</p>	<p><b>Number-fractions</b>                      LO1: Recognise, find and name a quarter as one of four equal parts of a shape/object                      LO2: Recognise, find and name a quarter as one of four equal parts of a quantity</p>	<p><b>Geometry-Position and Direction</b>                      LO 1: Order and arrange combinations of mathematical objects in patterns and sequences.                      LO 2: Pupils practise counting and ordering for example first, second, third.</p>	
Spring second half	<p><b>Number and Place Value</b>                      LO1: Count to and across 100 forwards and backwards beginning with 0 or 1 or from any given number.                      LO 2: Identify and represent numbers using objects and pictorial representations and use the language of equal to, more than, less than, most and least.</p>	<p><b>Addition and Subtraction</b>                      Lo 1: Pupils memorise and reason with number bonds to 10 and 20.                      LO2: represent and use number bonds and related subtraction facts within 20.</p>	<p><b>Multiplication and Division</b>                      LO1: Through grouping small quantities pupils begin to understand multiplication and division, doubling/halving numbers and quantities.                      LO2: They make connections between arrays, number patterns and counting in 2s.                      LO3: solve one-step problems involving division calculating the answers using concrete objects, pictorial representation and arrays.</p>	<p><b>Measurement-Mass</b>                      LO 1: Compare, describe and solve practical problems for mass/weight (for example heavy/light, heavier than, lighter than)                      LO 2: Measure and begin to record the following mass/weight.                      LO 3: Pupils move from using and comparing different types of quantities and measures using non-standard units to using common standard units.</p>	<p><b>Measurement-Time</b>                      LO 1: Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.                      LO 2: Pupils use the language of time, including telling the time throughout the day, first using o'clock and then half past.</p>	<p><b>Measurement-Temperature/Capacity</b>                      LO 1: Compare, describe and solve practical problems for capacity and volume (for example, full/empty, more than, less than, half, half full, quarter.                      LO 2: Measure and begin to record capacity and volume.                      LO 3: Pupils move from using and comparing different types of quantities and measures using non-standard units to using common standard units</p>	Assessment, Review and Consolidation
Summer first half	<p><b>Geometry-2D Shape</b>                      LO 1 LO1: Recognise and name common 2D Shapes including:                      - rectangles                      - squares                      - circles                      - triangles                      LO2: Pupils handle common 2D shapes, naming these and relating them to everyday objects.                      LO3: Recognise 2D shapes in different orientations and sizes.</p>	<p><b>Geometry 3D Shape</b>                      LO 1: Recognise and name common 3-D shapes for example cuboids, cubes, pyramids and spheres.                      LO 2: Pupils handle 3D shapes naming these and related everyday objects fluently</p>	<p><b>Time</b>                      LO 1: Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.                      LO 2: Pupils use the language of time, including telling the time throughout the day, first using o'clock and then half past.</p>	<p><b>Money</b>                      Lo 1 recognise and know the value of different denominations of coins and notes</p>	<p><b>Addition and Subtraction</b>                      LO 1: Pupils combine and increase numbers, counting forwards and backwards.                      LO 2: They discuss and solve problems in familiar practical contexts including using quantities. Problems should include, put together, add, altogether, total, take away, distance between, difference between, more than and less than.</p>	<p><b>Multiplication and Division</b>                      LO1: Through grouping small quantities pupils begin to understand multiplication and division, doubling/halving numbers and quantities.                      LO2: They make connections between arrays, number patterns and counting in 5s.                      LO3: solve one-step problems involving multiplication and division calculating the answers using concrete objects, pictorial representation and arrays</p>	
Summer second half	<p><b>Number and Place Value</b>                      LO 1: Recognise place value in numbers beyond by reading, counting and comparing numbers up to 100.                      LO 2; Counting in twos, fives and tens from different multiples.                      LO 3: They recognise and create repeating patterns with objects and with shapes.</p>	<p><b>Number-Fractions</b>                      LO1: Recognise, find and name a half and a quarter as one of two or four equal parts of a shape/object                      LO2: Recognise, find and name a half and quarter as one of two and four equal parts of a quantity</p>	<p><b>Geometry-Position and Direction</b>                      LO 1: Describe position, direction and movement, including whole, half, quarter turns and three-quarter.                      LO 2: Pupils use language of position including left and right, top, middle and bottom, on top of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside.</p>	<p><b>Measurement- Mass, Length, capacity</b>                      LO 1: Compare, describe and solve practical problems for length, mass and capacity.                      LO 2 Measure and begin to record lengths, mass and capacity</p>	<p><b>Statistics</b>                      LO1: Pupils record, interpret, collate, organise and compare information</p>	<p><b>Statistics</b>                      LO1: Pupils record, interpret, collate, organise and compare information</p>	Assessment, Review and Consolidation

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