

## Long-Term Plan - Maths

Year: 1	Subject: Maths		Autumn Term (13 weeks 2 days)				Spring Term (9 weeks 4 days)				Summer Term (9 weeks 4 days)			
			Autumn 1 (7 weeks 4 days)		Autumn 2 (5 weeks 3 days)		Spring 1 (4 weeks 4 days)		Spring 2 (5 weeks)		Summer 1 (4 weeks 2 days)		Summer 2 (5 weeks 2 days)	
			A	B	A	B	A	B	A	B	A	B	A	B
<b>National Curriculum Subject Content</b>			Number: number and place value (within 10)	Number: addition and subtraction (within 10)	Number: number and place value (within 20)  Geometry: Shape	Number: addition and subtraction (within 20)	Number: number and place value (within 50)	Number: Fractions  Consolidation	Number: multiplication and division	Measurement: length and height  Consolidation	Measurement: weight and volume	Measurement; Time  Measurement: Money	Number: number and place value (within 100)	Geometry: position and direction
<b>Number of Small Steps</b>			17	21	9 + 5	11	11	9	13	9	9	7 + 4	9	4
<b>Learning Outcomes</b>  <b>Students will be taught to:</b>			Sort objects  Count objects  Count objects from a group of 10  Represent objects  Represent numbers to 10  Count forwards  Count backwards  Count one more  Count one less	Introducing parts and wholes  Part-whole model (images/objects)  Part-whole model  Addition symbol  Fact families - addition facts  Find number bonds for numbers within 10  Systematic methods	Count forward and backwards  Write numbers to 20 in numerals and words  Numbers from 11-20  Tens and ones x 2  Count one more and one less  Compare groups of objects  Compare numbers	Add by counting on  Add ones using number bonds  Find and make number bonds  Add by making 10  Subtraction - not crossing 10  Subtraction - not crossing 10 (counting back)	Count to 50 by making 10s  Numbers to 50  Counting forwards and backwards within 50  Tens and ones  Represent numbers to 50  One more one less  Compare objects within 50	Making halves  Making wholes  Find a half (1)  Finding half of a quantity  Find a half (2)  Making a quarter  Find a quarter (1)  Find a quarter of a quantity	Recap - count in 2's and 5's  Count in 10s (1)  Count in 10s (2)  Make equal groups (1)  Make equal groups (2)  Add equal groups  Make arrays (1)  Make arrays (2)  Make doubles	Compare lengths  Compare heights  Compare lengths and heights  Measuring heights for non-standard units  Measure length 1  Introducing the ruler  Measure length 2  Adding length problems	Introduce weight and mass (1)  Introduce weight and mass (2)  Measure mass  Compare mass  Weight and mass problems  Introduce capacity and volume (1)  Introduce capacity and volume (2)	Before and after (1)  Before and after (2)  Dates  Time to the hour  Time to the half hour (1)  Writing time  Comparing time  Recognising coins  Recognising notes	Counting to 100 (1)  Counting to 100 (2)  Counting forwards and backwards within 100  Introducing the 100 square  Partitioning numbers  Comparing numbers 1  Comparing numbers 2  Ordering numbers	Describe turns (1)  Describe turns (2)  Describe Position 1  Describe position 2

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	<p>One to one correspondence</p> <p>Compare objects</p> <p>Introduce &gt; &lt; = symbols</p> <p>Compare numbers</p> <p>Order objects</p> <p>Order numbers</p> <p>Ordinal numbers (1st, 2nd, 3rd ...)</p> <p>The number line</p>	<p>for number bonds within 10</p> <p>Number bonds to 10</p> <p>Compare number bonds</p> <p>Addition - adding together</p> <p>Addition - adding more</p> <p>Addition - using bonds</p> <p>Finding a part</p> <p>Subtraction - taking away (how many left?)</p> <p>Subtraction - taking away (subtraction symbol)</p> <p>Subtraction - find a part/breaking apart</p> <p>Fact families - the 8 facts</p> <p>Subtraction - counting back</p>	<p>Order groups of objects</p> <p>Order numbers</p> <p>Recognise and name 3D shapes</p> <p>Sort 3D shapes</p> <p>Recognise and name 2D shapes</p> <p>Sort 2D shapes</p> <p>Patterns with 3D and 2D shapes</p>	<p>Subtraction - crossing 10 (counting back)</p> <p>Subtraction - crossing 10 (1)</p> <p>Subtraction - crossing 10 (2)</p> <p>Related facts</p> <p>Compare number sentences</p>	<p>Compare numbers within 50</p> <p>Order numbers within 50</p> <p>Count in 2s</p> <p>Count in 5s</p>	<p>Find a quarter (2)</p>	<p>Make equal groups - grouping (1)</p> <p>Make equal groups - grouping (2)</p> <p>Make equal groups - sharing (1)</p> <p>Make equal groups - sharing (2)</p>	<p>Subtracting length problems</p>	<p>Measure capacity</p> <p>Compare capacity</p>	<p>Counting in coins (1)</p> <p>Counting in coins (2)</p>	<p>One more, one less</p>	
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		Subtraction - finding the difference  Comparing addition and subtraction statements $a+b>c$  Comparing addition and subtraction statements $a+b>c+d$									
<b>Literature links</b>	<p><u>Complementary Texts:</u> 1. One Is a Snail, Ten Is a Crab <i>April Pulley Sayre</i></p> <p>2. One to ten and back again Nick Sharratt</p> <p>3. Ten Black Dots Donald Crews</p> <p>4. Mouse Count <i>Ellen Stoll Walsh</i></p> <p>5. Ten Little Superheroes <i>Mike Brownlow</i></p> <p>6. Count the animals! <i>Books for little ones</i></p> <p>7. Counting animals on the farm <i>Goodzilla Books</i></p> <p>8. Monster counting book <i>Frances Mackay</i></p>	<p><u>Complementary Texts:</u> 1. Fish Eyes - A book you can count on <i>Lois Ehlert</i></p> <p>2. Zero is the leaves on the trees <i>Betsy Franco</i></p> <p>3. Mouse Count <i>Ellen Stoll Walsh</i></p> <p>4. One is a snail, ten is a crab <i>April Pulley Sayre</i></p> <p>5. The Bad Tempered Ladybird <i>Eric Carle</i></p>	<p><u>Complementary Texts:</u> 1. How do dinosaurs count to 10? <i>Jane Yolan</i></p> <p>2. Hippos Go Berserk <i>Sandra Boynton</i></p> <p>3. Feast for 10 <i>Cathryn Falwell</i></p>	<p><u>Complementary Texts:</u> 1. Who Eats First? <i>Ae-Hae Yoon</i></p> <p>2. Just a little bit <i>Ann Tomphert</i></p> <p>3. Inch by Inch <i>Leo Leoni</i></p> <p>4. The Growing Story <i>Ruth Krauss</i></p> <p>5. How long is a whale? <i>Alison Limentani</i></p> <p>6. The doorbell rings <i>Pat Hutchins</i></p> <p>7. Henry's 100 days of Kindergarten <i>Nancy Carlson</i></p> <p>8. Safari Park <i>Stuart Murphy</i></p> <p>9. 365 Penguins <i>Jean-Luc Fromental</i></p>	<p><u>Complementary Texts:</u> 1. Balancing Act <i>Ellen Stoll Walsh</i></p> <p>2. Next to An Ant <i>Mara Rockliff</i></p> <p>3. How much does a ladybird weigh? <i>Alison Limentani</i></p> <p>4. A beach for Albert <i>Eleanor May</i></p> <p>5. How much does it hold? <i>Bryan Sargent</i></p>	<p><u>Complementary Texts:</u> 1. Centipede's 100 Shoes <i>Tony Ross</i></p> <p>2. Have you seen my dragon? <i>Steve Light</i></p> <p>3. I Spy Numbers <i>Jean Marzelle</i></p> <p>4. Ten cars and a million stars <i>Teresa Heapy</i></p>					
<b>Assessment</b>	White Rose Assessment at the end of each block										

## Long-Term Plan - Maths



<b>Enrichment</b>	TBD
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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<b>Autumn</b>	Number: Place Value (within 10)				Number: Addition and Subtraction (within 10)				Number: Place Value (within 20)		Geometr y: Shape	Number: Addition and Subtraction (within 20)		
<b>Spring</b>	Number: Place Value (within 50)		Number: Fractions		Number: Multiplication and Division				Measurement: Length and height					
<b>Summer</b>	Measurement: Mass and Capacity		Measurement: Time		Measure ment: Money	Number: Place Value (within 100)			Geometry: Position and Direction	Consolid ation				