

# Long-Term Plan - Maths



Year: 3	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>English National Curriculum aims</b>	Number: number and place value	Number: addition and subtraction 1	Number: addition and subtraction 2	Number: multiplication and division 1	Number: multiplication and division 2	Measurement: Money Statistics	Measurement: Length and Perimeter	Number: Fractions 1	Number: Fractions 2	Measurement: Time	Geometry: Properties of shape	Measurement: mass and Capacity Consolidation
<b>Number of small steps</b>	14	18	6	17	11	6 + 7	10	14	7	13	9	13
<b>Description of Programme of Study</b>	R - represent numbers to 100  R - tens and ones using addition  Hundreds  Numbers to 1,000  Numbers to 1,000 on a place value grid  100s, 10s and 1s (1)  100s, 10s and 1s (2)  R - number line to 100	Add and subtract multiples of 100  R- add and subtract 1s  Add and subtract 3-digit and 1-digit numbers – not crossing 10  R - add a 2-digit and 1-digit number - crossing 10  Add 3-digit and 1-digit numbers – crossing 10  R - subtract a 1-digit number from 2-digits - crossing 10	Add two 3-digit numbers – not crossing 10 or 100  Add two 3-digit numbers – crossing 10 or 100  Subtract a 3-digit number from a 3-digit number – no exchange  Subtract a 3-digit number from a 3-digit number – exchange	Multiplication – equal groups  R- multiplication using the symbol  R-using arrays  R-2 and 5 times tables  R- make equal groups - sharing  R-make equal groups - grouping  R - divide by 2  R-divide by 5 and 10  Multiply by 3	R-consolidate 2, 4 and 8 times tables  Comparing statements  Related calculations  Multiply 2-digits by 1-digit - no exchange  Multiply 2-digits by 1-digit (1)  Multiply 2-digits by 1-digit (2)  Divide 2-digits by 1-digit (1)  Divide 2-digits by 1-digit (2)	R-count money (pence/cents/pounds/euros)  Pounds and pence  Convert pounds and pence  Add money  Subtract money  Give change  R-make tally charts  R-draw and interpret pictograms (2, 5, 10)  Pictograms	Measure length  R - measure length (m)  Equivalent lengths – m & cm  Equivalent lengths – mm & cm  R-compare lengths  Compare lengths  Add lengths  Subtract lengths  What is perimeter?  Measure perimeter	R - Recognise and find a half and a quarter  R- Recognise and find a third  R-unit and non-unit fractions  Unit and non-unit fractions  R - equivalence of a half and 2 quarters  R- count in fractions  Making the whole	Equivalent fractions (1)  Equivalent fractions (2)  Equivalent fractions (3)  Compare fractions  Order fractions  Add fractions  Subtract fractions	R-o'clock and half past  R-quarter past and quarter to  Months and years  Hours in a day  Telling the time to 5 minutes  Telling the time to the minute  Using AM and PM  24 hour clock (1)  24 hour clock (2)	Turns and angles  Right angles in shapes  Compare angles  Draw accurately  Horizontal and vertical  Parallel and perpendicular  Recognise and describe 2D shapes  Recognise and describe 3D shapes  Make 3D shapes	R- compare mass  Measure mass (1)  Measure mass (2)  Compare mass  Add and subtract mass  Measure capacity  R-compare volume  Measure capacity (1)  Measure capacity (2)  Compare capacity

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	<p>Number line to 1,000</p> <p>Find 1, 10, 100 more or less</p> <p>Compare objects to 1,000</p> <p>Compare numbers to 1,000</p> <p>Order numbers</p> <p>Count in 50s</p>	<p>Subtract a 1-digit number from a 3- digit number – crossing 10</p> <p>Add and subtract 3- digit and 2- digit numbers – not crossing 100</p> <p>Add 3-digit and 2-digit numbers – crossing 100</p> <p>Subtract a 2- digit number from a 3- digit number – crossing 100</p> <p>Add and subtract 100s</p> <p>Spot the pattern – making it explicit</p> <p>R-add two 2- digit numbers - crossing 10 - add ones and tens</p> <p>R-subtract a 2- digit number from a 2- digit number - crossing 10 - add ones and tens</p> <p>Mixed addition and</p>	<p>Estimate answers to calculations</p> <p>Check answers</p>	<p>Divide by 3</p> <p>The 3 times table</p> <p>Multiply by 4</p> <p>Divide by 4</p> <p>The 4 times table</p> <p>Multiply by 8</p> <p>Divide by 8</p> <p>The 8 times table</p>	<p>Divide 2-digits by 1-digit (3)</p> <p>Scaling</p> <p>How many ways?</p>	<p>Draw bar charts</p> <p>Bar Charts</p> <p>Tables</p>	<p>Calculate perimeter (1)</p> <p>Calculate perimeter (2)</p>	<p>Tenths</p> <p>Count in tenths</p> <p>Tenths as decimals</p> <p>Fractions of a number line</p> <p>Fractions of a set of objects (1)</p> <p>Fractions of a set of objects (2)</p> <p>Fractions of a set of objects (3)</p>		<p>Finding the duration</p> <p>Comparing durations</p> <p>Start and end times</p> <p>Measuring time in seconds</p> <p>Problem solving with time</p>	<p>Add and subtract capacity</p> <p>Temperature</p> <p>R- Temperature</p>
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		subtraction problems  Add and subtract a 2-digit and 3-digit numbers – not crossing 10 or 100  Add a 2-digit and 3-digit numbers – crossing 10 or 100  Subtract a 2-digit number from a 3-digit number – crossing 10 or 100										
<b>Cross-Curricular Links and literature links</b>	TBD											
<b>Formative Assessment</b>	White Rose Assessment at the end of each block											
<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			Number: Addition and Subtraction					Number: Multiplication and Division 1					
<b>Spring</b>	Number: Multiplication and Division 2		Measurement: Money		Statistics	Measurement: Length and Perimeter		Number: Fractions 1						
<b>Summer</b>	Number: Fractions 2		Measurement: Time		Geometry: Properties of space		Measurement: Mass and Capacity			Consolidation				