

Mathematics Long Term Planning

Year 4

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A U T U M N	<p style="text-align: center;">Number and Place Value</p> <ul style="list-style-type: none"> Represent numbers to 1,000 Partition numbers to 1,000 Number line to 1,000 Thousands Represent numbers to 10,000 Partition numbers to 10,000 Flexible partitioning of numbers to 10,000 Find 1, 10, 100, 1,000 more or less Number line to 10,000 Estimate on a number line to 10,000 Compare numbers to 10,000 Order numbers to 10,000 Roman numerals Round to the nearest 10 Round to the nearest 100 Round to the nearest 1,000 Negative numbers 				<p style="text-align: center;">Addition and Subtraction</p> <ul style="list-style-type: none"> Add and subtract 1s, 10s, 100s and 1,000s Add up to two 4-digit numbers – no exchange Add two 4-digit numbers – one exchange Add two 4-digit numbers – more than one exchange Subtract two 4-digit numbers – no exchange Subtract two 4-digit numbers – one exchange Subtract two 4-digit numbers – more than one exchange 8 Efficient subtraction 9 Estimate answers 10 Checking strategies 			<p style="text-align: center;">Measurement</p> <ul style="list-style-type: none"> What is area? Counting squares Making shapes Comparing areas 	<p style="text-align: center;">Multiplication and division</p> <ul style="list-style-type: none"> Multiples of 3 Multiply and divide by 6 6 times-table and division facts Multiply and divide by 9 9 times-table and division facts The 3, 6 and 9 times-tables Multiply and divide by 7 7 times-table and division facts 11 times-table and division facts 12 times-table and division facts 11 Multiply by 1 and 0 12 Divide a number by 1 and itself 13 Multiply three numbers 			Consolidation
S P R I N G	<p style="text-align: center;">Multiplication and division</p> <ul style="list-style-type: none"> 11 and 12 times tables Multiply 3 numbers Factor pairs Efficient multiplication Written methods Multiply 2 digits by 1 digit Multiply 3 digits by 1 digit Divide 2 digits by 1 digit Divide 3 digits by 1 digit Correspondence problems 		<p style="text-align: center;">Measurement – length and perimeter</p> <ul style="list-style-type: none"> Equivalent lengths m and cm Equivalent lengths mm and cm Kilometres Add lengths Subtract lengths Measure perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes 	<p style="text-align: center;">Fractions</p> <ul style="list-style-type: none"> What is a fraction? Equivalent fractions Fractions greater than 1 Count in fractions Add 2 or more fractions Subtract 2 fractions Subtract from whole amounts Calculate fractions of a quantity Problem solving – calculate quantities 			<p style="text-align: center;">Decimals</p> <ul style="list-style-type: none"> Recognise tenths and hundredths Tenths as decimals Tenths on a place value grid Tenths on a number line Divide 1 digit by 10 Divide 2 digit by 10 Hundredths Hundredths as decimals Hundredths on a place value grid Divide 1 or 2 digit numbers by 100 					

<p style="text-align: center;">S U M M E R</p>	<p style="text-align: center;">Decimals</p> <p>Make a whole Write decimals Compare decimals Order decimals Round decimals Halves and quarters</p>	<p style="text-align: center;">Money</p> <p>Pounds and pence Ordering money Estimating money Four operations</p>	<p style="text-align: center;">Time</p> <p>Hours, minutes and seconds Days, weeks, months and years Analogue to digital 12 hour Analogue to digital 24 hour</p>	<p style="text-align: center;">Statistics</p> <p>Interpret charts Comparison, sum and difference Introducing line graphs Line graphs</p>	<p style="text-align: center;">Properties of Shape</p> <p>Identify angles Compare and order angles Triangles Quadrilaterals Lines of symmetry Complete a symmetric figure</p>	<p style="text-align: center;">Position and Direction</p> <p>Describe position Draw on a grid Move grid Describe movement on a grid</p>
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