

## Maths Long Term Planning - Year 4

Autumn term:

Year 4	Length and Perimeter	Place Value	Addition and subtraction including money	Area	Assessment	Multiplication and Division A
Suggested Small Steps	Equivalent lengths (kilometres and metres)	Represent numbers to 1,000	Add and subtract 1s, 10s, 100s and 1,000s	What is area?		Multiply and divide by 6
	Perimeter of rectilinear shapes	Partition numbers to 1,000	Add two 4-digit numbers	Count squares		6 times-table and division facts
	Calculate perimeter of rectilinear shapes	Represent numbers to 10,000	Subtract two 4-digit numbers	Make shapes		Multiply and divide by 9
	Perimeter of polygons.	Partition numbers to 10,000	Efficient subtraction	Compare areas		9 times-table and division facts
		Find 1, 10, 100, 1,000 more or less	Estimate answers			The 3, 6 and 9 times-tables
		Estimate on a number line to 10,000	Checking strategies			Multiply and divide by 7
		Compare and order numbers to 10,000				7 times-table and division facts
		Roman numerals				11 times-table and division facts
		Round to the nearest 10, 100 or 1,000				12 times-table and division facts
						Multiply by 1 and 0
					Divide a number by 1 and itself	
					Multiply three numbers	

Ready to Progress		4 NPV - 1 4 NPV - 2 4 NPV - 3 4 NPV - 4	4 NF - 1 4 NF - 2 4 NF - 3			4 NF - 1 4 NF - 2 4 NF - 3
Vocabulary						
Threads	Time					

Spring Term:

Year 4	Fractions	Decimals A	Decimals B	Assessment week/Easter Production
	Understand the whole Count beyond 1 Partition a mixed number Compare and order mixed numbers Understand improper fractions Convert mixed numbers and improper fractions Equivalent fractions Adding fractions Subtracting fractions	Tenths as fractions and decimals Divide numbers by 10 Hundredths as fractions and decimals Divide numbers by 100	To make a whole with tenths and hundredths Partition decimals Order and compare decimals Round to the nearest whole number Halves and quarters as decimals	
Ready to Progress	4 F - 1 4 F - 2 4 F - 3			
Vocabulary				
Threads	Time			

Summer Term:

Year 4	Multiplication and Division B	Statistics	Position and Direction	Shape	MTC/Assessment Week	Multiplication Written Methods Review
Suggested small steps	<p>Use factor pairs</p> <p>Multiply by 10 and 100 Divide by 10 and 100</p> <p>Related facts - multiplication and division</p> <p>Informal written methods for multiplication</p> <p>To multiply numbers by a one-digit number</p> <p>To divide numbers by a one digit number</p> <p>To multiply and divide numbers</p> <p>Correspondence problems</p> <p>Efficient multiplication</p>	<p>Interpret charts</p> <p>Comparison, sum and difference</p> <p>To interpret and draw line graphs</p>	<p>Describe position and plot coordinates</p> <p>Draw 2-D shapes on a grid</p> <p>Describe translation on a grid</p>	<p>Understand angles as turns</p> <p>Identify angles</p> <p>Triangles</p> <p>Quadrilaterals</p> <p>Polygons</p> <p>Complete a symmetric figure</p>		
Ready to Progress	<p>4 MD - 1</p> <p>4 MD - 2</p> <p>4 MD - 3</p>		<p>4 G - 1</p>	<p>4 G - 1</p> <p>4 G - 2</p> <p>4 G - 3</p>		

Vocabulary	
Threads	Time