



YEAR 4		Prime Lessons	Printable Resources	Additional Resources
Domain	Statutory requirements <i>Pupils should be taught to:</i>	Online Lessons with Assessments & Problem Solving Activities	Lesson Summary, Worksheets, Answers	Student book & Teacher book
Number – number and place value	recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)	NUMBER Unit 4 Numbers to 100 000: Lesson 2, 3		Year 4 Numbers, Fractions and Decimals
	order and compare numbers beyond 1,000	NUMBER Unit 4 Numbers to 100 000: Lesson 3, 4		
	identify, represent and estimate numbers using different representations	NUMBER Unit 4 Numbers to 100 000: Lesson 1		
	round any number to the nearest 10, 100 or 1,000	NUMBER Unit 5 Numbers and Decimals: Lesson 1		
	solve number and practical problems that involve all of the above and with increasingly large positive numbers	NUMBER Unit 4 Problem Solving Activity: More, more, more		
Number – addition and subtraction	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	OPERATIONS Unit 8 Addition and Subtraction Algorithms: Lesson 1, 2, Problem Solving Activity: Problem Algorithms		Year 4 Operations and Algebra
	estimate and use inverse operations to check answers to a calculation; solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	OPERATIONS Unit 8 Addition and Subtraction Algorithms: Lesson 3, Problem Solving Activity: A Magic Square OPERATIONS Unit 14 Word Problems: Lesson 3		
Number – multiplication and division	recall multiplication and division facts for multiplication tables up to 12×12	OPERATIONS Unit 9 Multiplication Thinking: Lesson 1 OPERATIONS Unit 11 Division Strategies: Lesson 1 OPERATIONS Unit 13 Problem Solving Activity: Timing Is Everything		Year 4 Operations and Algebra
	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers	OPERATIONS Unit 10 Multiplication Strategies: Lesson 1, 2, 3 OPERATIONS Unit 11 Division Strategies: Lesson 2, 3		
	recognise and use factor pairs and commutativity in mental calculations	OPERATIONS Unit 9 Multiplication Thinking: Lesson 2		
	solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects	OPERATIONS Unit 14 Word Problems: Lesson 1, 2 Problem Solving Activities: OPERATIONS Unit 14: Wolf vs Rabbit OPERATIONS Unit 9: How Many Cookies? OPERATIONS Unit 10: Bug Racing OPERATIONS Unit 11: Okapi Operations OPERATIONS Unit 12: An Age Old Problem		
Fractions – including decimals	recognise and show, using diagrams, families of common equivalent fractions	FRACTIONS Unit 3 Equivalent Fractions: Lesson 1, 2		Year 4 Numbers, Fractions and Decimals
	count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10	FRACTIONS Unit 4 Decimal Fractions: Lesson 1		
	solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	FRACTIONS Unit 3 Problem Solving Activity: Reward Cards		
	recognise and write decimal equivalents of any number of tenths or hundreds; recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$	NUMBER Unit 5 Numbers and Decimals: Lesson 2 FRACTIONS Unit 4 Decimal Fractions: Lesson 2, 4, Problem Solving Activity: Fraction Robot		
	compare numbers with the same number of decimal places up to 2 decimal places	NUMBER Unit 5 Numbers and Decimals: Lesson 3, Problem Solving Activity: First and Last FRACTIONS Unit 4 Decimal Fractions: Lesson 3		
	solve simple measure and money problems involving fractions and decimals to 2 decimal places	NUMBER Unit 5 Numbers and Decimals: Lesson 4 FRACTIONS Unit 2 Problem Solving Activity: Woolly Thinking		
Geometry – properties of shapes	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	GEOMETRY Unit 5 Shapes and Objects: Lesson 3, 4, Problem Solving Activity: Tangram Puzzles		Year 4 Geometry
	identify acute and obtuse angles and compare and order angles up to 2 right angles by size	GEOMETRY Unit 7 Angles: Lesson 1, Problem Solving Activity: Equation Angles		
	identify lines of symmetry in 2-D shapes presented in different orientations; complete a simple symmetric figure with respect to a specific line of symmetry	GEOMETRY Unit 6 Shape Movements: Lesson 2, Problem Solving Activity: Symmetrical Designs		