



Mathematics

Year 4: Autumn Term

Maths Cultural Capital = In every lesson, where possible, try to include pedagogy so pupils are expected to apply their maths knowledge and skill to different problems and subject contexts across the curriculum.

Differentiation - Please see teachers' weekly planning for challenging the exceeding pupils and ensuring access for the emerging pupils. Also, refer to the SEND pupils IEP's to ensure their needs are included.

Minimum expectations for AfL strategies in Maths lessons = targeted questioning, mini whiteboards, peer talk, modelling.

Developing pupils' long term memory skills - use - LAST/LAST/LAST strategy linked to WALTs for the lesson.

Term	Week	National Curriculum Statement	WALT Intent	Success Criteria Impact	Key Questions and NC skills developed in the activities Implementation	Resources	Vocabulary
Autumn 1 1.1 Number	Week 1 Number Place Value	Count in multiples of 6, 7, 9, 25 and 1000 Find 1000 more or less than a given number	WALT: Count in multiples of 6, 7, 9, 25 and 1000 find 1000 more or less than a given number	I can count fluently in multiples of 6, 7, 25 and 1000 I can choose the right calculations to find 1000 more or less than any given number		Number lines base 10 apparatus	Multiples More/less thousand
	Week 2 Number Place Value	Count backwards through zero to include negative numbers	WALT: a. Count backwards through zero to include negative numbers	I can count backwards and forwards across zero		Number lines Place value grids Digit cards Place value cards	, Negative numbers Positive number Place value Positional Place holder

		Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	b. recognise the place value of each digit in a four-digit number	I can recognise the positional value of each digit in a 4-digit number		Base ten apparatus counters	Additive zero thousands hundreds tens and ones
	Week 3 Number Place Value	Identify, represent and estimate numbers using different representations Order and compare numbers beyond 1000	WALT: a. Identify, represent and estimate numbers using different representations b. Order and compare numbers beyond 1000	I can represent a number in more than one way. I can use my knowledge of place value to order and compare numbers		Place value grids Digit cards Place value cards Base ten apparatus counters	Place value Digit Positional Place holder Additive zero estimate representation represent compare order
	Week 4 Number Place Value	Round any number to the nearest 10, 100 or 1000 Solve number and practical problems that involve all of the above and with increasingly large positive numbers	WALT: a. Round any number to the nearest 10, 100 or 1000 b. Solve number and practical problems .	I know if a number ends in 0,1,2,3,4 you round down. I know if a number ends in 5,6,7,8,9 you round up. I can identify the closest tens, hundreds or thousands		Blank Number lines Place value grids Digit cards Place value cards Base ten apparatus counters	Round Rounding Problem solving
	Week 5 Addition and Subtraction	Add and subtract numbers with up to 4 digits using the formal written methods	WALT: a. add and subtract numbers with up to 4 digits using	I can add numbers up to 4 digits with regrouping		Blank Number lines Place value grids Digit cards Place value cards	Addition Subtraction Total Sum

		<p>of columnar addition and subtraction where appropriate</p> <p>Estimate and use inverse operations to check answers to a calculation</p> <p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</p>	<p>the formal written methods of columnar addition.</p> <p>b. estimate and use inverse operations to check answers to a calculation</p> <p>c. solve addition and subtraction two-step problems in contexts,</p>	<p>I can label the columns and write out the calculation</p> <p>If the bottom number in the column is bigger, I borrow.</p> <p>I can read the problem clearly and underline key words.</p> <p>I can work out the right operation/s for my calculation.</p>		Base ten apparatus	<p>Altogether</p> <p>Estimate</p> <p>Equal</p> <p>Inverse</p> <p>Subtract</p> <p>Difference</p> <p>Written column Method</p>
	Week 6 Statistics	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	WALT: interpret and present discrete and continuous data	<p>I can identify the X axis and Y axis</p> <p>I can read information from the graph</p>			<p>Data handling</p> <p>Interpret</p> <p>Graphs</p> <p>Axis</p> <p>Most popular</p> <p>How many more</p> <p>How many fewer</p>
Autumn2	Week 1						
	Week 2						
	Week 3						
	Week 4						
	Week 5						
	Week 6						