



Mathematics

Year 6: 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
6:1 Number	Week 1 Number Place Value	Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit Round any whole number to a required degree of accuracy	WALT: read, write, order and compare numbers up to 10 000 000 and determine the value of each digit round any whole number to a required degree of accuracy			Digit cards Place value grid	Millions Hundred thousands Ten thousands Order Compare Ascending Descending Round Place value decimals
	Week 2	Use negative numbers in context, and calculate intervals across zero Solve number and practical	WALT: Use negative numbers in context, and calculate intervals across zero				Negative number Positive number

		problems that involve all of the above	solve number and practical problems that involve all of the above				
	Week 3 Number Place Value	Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places	WALT: Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places			Place value chart Place value grid Digit cards	Hundreds, tens, ones Thousands Ten thousands Hundred thousands Positional Place value Place holder Multiply divide Digit Decimal places
	Week 4 Number Place Value	Use, read, write and convert between standard units, converting measurements of length, mass and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places Solve number and practical problems that involve all of the above	WALT: use, read, write and convert between standard units, converting measurements of length, mass and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places solve number and practical problems that involve all of the above			Measuring equipment (optional) Clocks Metre sticks	Convert converting Standard unit Metric Mass/weight Grams Kilograms Millimetres Centimetres Kilometres Hours Minutes seconds decimal Decimal places measure
	Week 5 Addition and Subtraction	Perform mental calculations, including with mixed operations and	WALT: perform mental calculations, including with mixed operations and large			Digit cards	Addition Subtraction Operations Calculations

		<p>large numbers</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p>Solve problems involving addition, subtraction</p>	<p>numbers</p> <p>use their knowledge of the order of operations to carry out calculations involving the four operations</p> <p>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p>solve problems involving addition, subtraction</p>				Multi-step
	<p>Week 6</p> <p>Statistics</p>	<p>Interpret and construct pie charts and line graphs and use these to solve problems.</p>	<p>WALT:</p> <p>Interpret and construct pie charts and line graphs and use these to solve problems.</p>				<p>Pie chart</p> <p>Interpret</p> <p>Construct</p> <p>Line graph</p>
Autumn2	Week 1						
	Week 2						
	Week 3						
	Week 4						
	Week 5						
	Week 6						