

	Learning objective	Main teaching	Activity	Resources	Vocabulary
<b>Monday</b>	L.O. To solve problems using place value	Model answering two place value SATs questions. How do we answer these? What do we know?	Y6 - SATs questions on place value  Some children to use number lines, place value charts and counters to help.	SATs Questions Number lines Place value charts (including decimal place) Counters	value  exchange
<b>Tuesday</b>	L.O. To solve problems using the four operations	Model answering two four operations questions.	Y6 complete the sheet of 4 operations SATs questions <a href="#">link here</a>	Links to questions Example questions to work through as a class	multiplication division addition subtraction commutative distributive
<b>Wednesday</b>	L.O. to calculate ratio	<p>What is ratio</p> <p>What do we need to do to make the perfect glass of squash? What about making a jug of squash for the whole class - how could we make sure it's not too strong or too weak?</p> <p>Introduce the term ratio - when have we heard it before? It is a mathematical way of describing the relationship between two or more values.</p> <p>Work through examples on the board. Pupils to put ratio both ways around to understand that it doesn't matter which way around it needs to be done in. i.e. 2 green to 3 blue or 3 green to 2 blue</p> <p><b>Stem sentence starter for each example: there are n units altogether...</b></p> <p>NB 1 unit to 3 units idea: the number of items in each unit is irrelevant as long as it is the same.</p> <p>Leaf question: unitising each section: there are n units altogether and there are 3 large leaf units to 4 small leaf units.</p>	Y6 SATs questions on ratio	SATs Questions  SMART	Scale Ratio Equivalent

		<p><b>2) Equivalent and simplifying ratios</b></p> <p>Use flower picture to show that that although the values get bigger, they are being scaled up by the same multiple to keep the relationship the same. Pupils to complete the table - what do they notice about the ratios? Elicit that it can be simplified like a fraction.</p> <p>What is the ratio of apples to oranges in the next slide? Can we simplify it?</p> <p><b>3) Apply - in books</b></p> <p>Pasta sauce question - what is the ratio of tomatoes to onions?</p> <p>Cheese - what is the ratio of price to weight?</p>			
Thurs day	L.O. to calculate ratio	<p>Mrs Dakin needs to paint the scenery for Mary Poppins and she needs a lot of green for the grass but we have run out of green paint.</p> <p>In pairs could you mix your paints to make green for her to use?</p> <p>Pupils to mix paints and paint onto a scrap of paper then stick on the maths board - what do we notice about all the greens that have been mixed? How can we ensure consistency in colour mixing? What about making a jug of squash for the whole class - how could we make sure it's not too strong or too weak?</p> <p>Use the blocks on colour splat slide to show 3 parts yellow to 1 part blue etc and model scaling up.</p> <p>Question about letters - how can we use ratio to solve this?</p> <p>Encourage pupils to draw a model to illustrate the problem - work through the examples reiterating the stem sentence.</p>	Y6 SATs questions on ratio	<p>SATs Questions</p> <p>Paint</p> <p>SMART</p>	Scale Ratio Equivalent
Friday	L.O. To practise equivalent fractions, decimals and percentages	<p><a href="https://nrich.maths.org/6945">https://nrich.maths.org/6945</a></p>	Y6 SATs questions on FDP	Link to nrich Questions	<p>Fraction</p> <p>Improper fraction</p> <p>Denominator</p> <p>Numerator</p> <p>Percentage</p> <p>Equivalent</p> <p>Convert</p>

