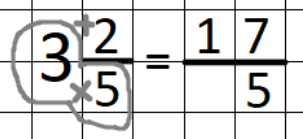
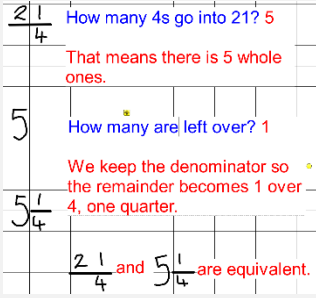


Year Five Autumn Term Arithmetic		Knowledge Organiser Vocabulary	Knowledge Organiser Visuals												
Week 1	National Curriculum Statements	<p>Addition Recall from Y4: add and subtract numbers with up to 4 digits using the formal written methods of columnar addition where appropriate Teach for Y5: add whole numbers with more than 4 digits, including using formal written methods</p>	<table border="1"> <thead> <tr> <th>Written Calculations</th> <th>Addition</th> <th>Subtraction</th> </tr> </thead> <tbody> <tr> <td>Below Y5</td> <td> <p>Column addition</p> </td> <td> <p>Expanded subtraction</p> </td> </tr> <tr> <td>At Y5</td> <td> <p>Column addition</p> </td> <td> <p>Column subtraction</p> </td> </tr> <tr> <td>Above Y5</td> <td> <p>Column addition</p> </td> <td> <p>Column subtraction</p> </td> </tr> </tbody> </table>	Written Calculations	Addition	Subtraction	Below Y5	<p>Column addition</p>	<p>Expanded subtraction</p>	At Y5	<p>Column addition</p>	<p>Column subtraction</p>	Above Y5	<p>Column addition</p>	<p>Column subtraction</p>
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Week 2	National Curriculum Statements	<p>Subtraction Recall from Y4: add and subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate Teach for Y5: subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p>													
Week 3	National Curriculum	<p>Equivalent Fractions Recall from Y4: recognise and show, using diagrams, families of common equivalent fractions Teach for Y5: identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</p>	<table border="1"> <tbody> <tr> <td> $\frac{3}{5}$ <p>← numerator</p> <p>← denominator</p> </td> <td> </td> </tr> </tbody> </table>	$\frac{3}{5}$ <p>← numerator</p> <p>← denominator</p>											
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Know Your Facts	<p>Call and Response Statements Equivalent means the ... same The top number is the ... numerator The bottom number is the ... denominator Whatever I do to the numerator ... I do to the denominator (swap it around)</p>														

	Know Your Facts	Call and Response Statements Division Anything divided by zero is ... zero Anything divide by one ... stays the same		
Week 8	National Curriculum Statements	<u>Mixed and Improper Fractions</u> Recall from Y4: - Teach for Y5: recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	Mixed Number Improper Fraction (top heavy fraction) Whole number Fraction Numerator Denominator Equivalent	 
Week 9		<u>Consolidation Week</u>		
Week 10		<u>Consolidation Week</u>		