



GOLD

Teacher:

Class:

Year: 5 & 6

Term: Spring 1

Week Commencing: Week 1

Topic		NC Links: Pupils should be taught to:						
Day	Mental/Oral Starter		Main Lesson				Plenary	Assessment
	Objectives	Activity	Objectives	Teaching	Activities	Key Vocabulary	Activity	
Mon	To be able to recall my 3x table and related division facts.	TMM	<p><u>L.O. To understand how to add and subtract fractions where the denominators are the same or multiples of the same number.</u></p> <p><u>Success Criteria:</u></p> <ol style="list-style-type: none"> 1. I must understand the different parts of a fraction. 2. I should be able to add or subtract the Numerators. I could convert the denominators to the same number and then add/subtract accordingly. 	<p>Recap with the children the different names of the top and bottom parts of a fraction. What does the denominator show? What about the numerator?</p> <p>Tell the children that this week we are going to be adding fractions. Display $\frac{3}{7} + \frac{2}{7}$ on the board. How would you calculate it? Why do you only add the numerators?</p> <p>Show them an example of if the denominators are multiples of the same number e.g. $\frac{2}{3} + \frac{1}{9}$ in this case we must make them both into ninths and then add/subtract the numerators.</p> <p>Go through some more examples.</p> <p>White Rose Maths Hub/ No Problem!</p>	<p>LA – Year 5 Target Your Maths, p. 58, Section A.</p> <p>MA – Year 5 Target Your Maths, p. 58, Section B.</p> <p>HA – Year 5 Target Your Maths, p. 58, Section C.</p> <p>SEN – L.O.</p>	<p>Fraction Numerator Denominator Common denominator Multiple Add Subtract Take away Minus Mixed number</p>	<p>Child teaches the rest of the class what they have learnt.</p> <p>White Rose Hub Maths Question.</p>	<p>Exceeding ARE:</p> <p>At ARE:</p> <p>Below ARE:</p> <p>SEND</p> <p>PPG</p> <p>EAL</p>

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Tues	To be able to recall my 3x table and related division facts.	TMM	<p><u>L.O. To understand how add and subtract fractions with different denominators.</u></p> <p>Success Criteria:</p> <ol style="list-style-type: none"> I must use my multiplication knowledge to convert denominators to the same number. I should be able to add and subtract the numerators, once converted. I could simplify the answer and work with mixed numbers. 	<p>Recap work from yesterday.</p> <p>What is a fraction? What must we remember when we add/subtract fractions.</p> <p>If the denominators are different then what must we do? Show how to convert the denominators to the same number.</p> <p>Go through some more examples.</p> <p>White Rose Maths Hub/ No Problem!</p>	<p>LA – Year 5 Target Your Maths, p. 59, Section A.</p> <p>MA – Year 5 Target Your Maths, p. 59, Section B.</p> <p>HA – Year 5 Target Your Maths, p. 59, Section C.</p> <p>SEN – <u>L.O.</u></p>	<p>Fraction</p> <p>Numerator</p> <p>Denominator</p> <p>Common denominator</p> <p>Multiple</p> <p>Add</p> <p>Subtract</p> <p>Take away</p> <p>Minus</p> <p>Mixed number</p>	White Rose Hub Maths Question.	<p>Exceeding ARE:</p> <p>At ARE:</p> <p>Below ARE:</p> <p>SEND</p> <p>PPG</p> <p>EAL</p>

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Wed	To be able to recall my 3x table and related division facts.	TMM	<p><u>L.O. To understand how to add and subtract mixed numbers with different denominators.</u></p> <p><u>Success Criteria:</u></p> <ol style="list-style-type: none"> 1. I must know what is meant by an improper fraction and mixed number. 2. I should know that the change an improper fraction to a mixed number I must be able to divide accurately. 3. I should know that to change a mixed number to an improper fraction, I need to multiply the denominator and the whole number and add the numerator. 	<p>Recap what we learnt yesterday and children respond /reflect on feedback.</p> <p>Recap how to convert denominators and how to add and subtract fractions. Display 3 and $2/7 + 1$ and $3/7$ on the board. How do the children think we should work that out and why? What about if the denominators are different?</p> <p>Explain that you can add/subtract the whole numbers and then convert the fractions as normal. The only issue is when one fraction isn't big enough; you can convert the whole number into a fraction OR just convert to mixed numbers.</p> <p>Show another example.</p> <p>White Rose Maths Hub/ No Problem!</p>	<p>LA – Year 6 Target Your Maths, p. 45, Section A.</p> <p>MA – Year 6 Target Your Maths, p. 45, Section B.</p> <p>HA – Year 6 Target Your Maths, p. 45, Section C.</p> <p>SEN – <u>L.O.</u></p>	<p>Fraction</p> <p>Numerator</p> <p>Denominator</p> <p>Common denominator</p> <p>Multiple</p> <p>Add</p> <p>Subtract</p> <p>Take away</p> <p>Minus</p> <p>Mixed number</p>	White Rose Hub Maths Question.	<p>Exceeding ARE:</p> <p>At ARE:</p> <p>Below ARE:</p> <p>SEND</p> <p>PPG</p> <p>EAL</p>

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Thurs	To be able to recall my 3x table and related division facts.		<p><u>L.O. To investigate and apply my fraction knowledge</u></p> <p>Success Criteria:</p> <ol style="list-style-type: none"> 1. I must read and make sense of a problem. 2. I should correctly choose the mathematical method that is needed to solve this problem. 3. I could present results in a clear and organised way to solve the problem. <p><u>Success Criteria</u></p>	<p>Revise the conversions that we have learnt this week.</p> <p>White Rose Hub Maths Question.</p> <p>Introduce the problem solving activity for the children to complete.</p>	<p>Children work in mixed ability pairs to work through the Nrich Fraction Chocolate Problem.</p> <p>SEN – L.O.</p>	<p>Fraction Numerator Denominator Common denominator Multiple Add Subtract Take away Minus Mixed number</p>	<p>Children feedback to the class.</p>	<p>Exceeding ARE:</p> <p>At ARE:</p> <p>Below ARE:</p> <p>SEND</p> <p>PPG</p> <p>EAL</p>

