

# St Peter and St Paul's – Core Knowledge Pathway

## Year One

Key Recall Fact(s)	What does this look like in class?	How can I support with this at home?
<p><b>Number:</b> I know all of my number bonds within ten</p> <p><b>Break down:</b></p> <ul style="list-style-type: none"> <li>- <b>Autumn 2:</b> Number Bonds to 6</li> <li>- <b>Spring 2:</b> Doubles and Halves to 10</li> <li>- <b>Summer 2:</b> Number Bonds to 10</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in the whole class chanting and games time</li> <li>- Use of number fans</li> <li>- Hit the Button</li> <li>- Concrete resources (cubes and counters/Numicon) for children who are struggling to recall</li> <li>- Number families</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> </ul> <p><a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p><b>Vocabulary:</b></p> <p>'What is the sum of 3 and 5?'</p> <p>'What should I add to 7 to make 10?'</p> <p>'What is 6 minus 2?'</p> <p>'What is 5 less than 9?'</p> <p>'What is 10 subtract 7?'</p>
<p><b>Measure (time):</b> I can tell the time (half past and o'clock)</p>	<ul style="list-style-type: none"> <li>- Lots of practice, revisiting even when looking at another topic</li> <li>- Use of class clocks</li> <li>- Noticing times of the day (e.g. lunchtime, home time)</li> <li>- Class games (e.g. What's the time, Mr Wolf?)</li> </ul> <p><a href="https://www.topmarks.co.uk/time/teaching-clock">https://www.topmarks.co.uk/time/teaching-clock</a></p> <p><a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>	<ul style="list-style-type: none"> <li>- Lots of practice, making use of 'free time' – e.g. car journeys</li> <li>- Discuss time in more 'natural moments' – e.g. noticing that it is nearly 12:00/lunchtime/bedtime</li> <li>- Use of digital clocks is valuable, but exposure to both analogue and digital is ideal</li> <li>- Visual timer for activities – e.g. if there is a set time of 30 minutes for playing video games, show a countdown timer. This instils a clear understanding of the passage of time.</li> </ul> <p><b>Vocabulary:</b></p> <p>'It's nearly 10:00.'</p> <p>'It's just past 10:00.'</p> <p>'We have half an hour until dinner – that's 30 minutes.'</p> <p>'Half past two...'</p> <p>'Three o'clock...'</p> <p><a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>

# Year Two

Key Recall Fact(s)	What does this look like in class?	How can I support with this at home?
<p><b>Number:</b> I know my number bonds to 20</p> <p><b>Break Down:</b></p> <ul style="list-style-type: none"> <li>- <b>Autumn 2:</b> Number bonds to 20</li> <li>- <b>Spring 2:</b> Halves and Doubles to 20</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in the whole class chanting and games time</li> <li>- Use of number fans</li> <li>- Hit the Button</li> <li>- Concrete resources (cubes and counters/Numicon) for children who are struggling to recall</li> <li>- Number families</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> </ul> <p><a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p><b>Vocabulary:</b></p> <p>'What is the sum of 13 and 5?'</p> <p>'What should I add to 17 to make 20?'</p> <p>'What is 16 minus 2?'</p> <p>'What is 15 less than 19?'</p> <p>'What is 20 subtract 7?'</p>
<p><b>Number:</b> I can recall multiplication and division facts for the 2, 5 and 10 times tables.</p>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in whole class chanting and games time</li> <li>- Class games – around the world/assassin</li> <li>- Use of counting stick</li> <li>- Filling in the blanks on number lines</li> <li>- Hit the Button</li> <li>- Times Table Rock Stars</li> <li>- Concrete resources (cubes and counters/Numicon) for children who are struggling to recall</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> <li>- Quick recall questions (see vocabulary)</li> </ul> <p><b>Vocabulary:</b></p> <p>'What is six times ten?'</p> <p>'How many tens in sixty?'</p> <p>'What is 20 divided by 5?'</p> <p>'How many times does 2 go into 10?'</p> <p>'What is 3 groups of 2?'</p> <p>'What is 6 shared between 2?'</p>
<p><b>Measure (time):</b> I can tell the time (nearest 5 minutes, including past/to the hour and quarter past/to)</p> <p><b>Break down:</b></p> <ul style="list-style-type: none"> <li>- <b>Autumn 2:</b> I can tell the time – half past/o'clock/quarter past/quarter to</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice, revisiting even when looking at another topic</li> <li>- Use of class clocks</li> <li>- Noticing times of the day (e.g. lunchtime, home time)</li> <li>- Class games (e.g. What's the time, Mr Wolf?)</li> <li>- The 'Flower Method'</li> </ul> <p><a href="https://www.topmarks.co.uk/time/teaching-clock">https://www.topmarks.co.uk/time/teaching-clock</a></p> <p><a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>	<ul style="list-style-type: none"> <li>- Lots of practice, making use of 'free time' – e.g. car journeys</li> <li>- Discuss time in more 'natural moments' – e.g. noticing that it is nearly 12:00/lunchtime/bedtime</li> <li>- Use of digital clocks is valuable, but exposure to both analogue and digital is ideal</li> <li>- Visual timer for activities – e.g. if there is a set time of 30 minutes for playing video games, show a countdown timer. This instils a clear understanding of the passage of time.</li> </ul>

<p>- <b>Spring 2:</b> I can tell the time in five-minute intervals (past and to the hour)</p>		<p>- Use a mixture of language – e.g. 15 minutes past/quarter past.</p> <p><b>Vocabulary:</b></p> <p>`It's nearly 10:00.' `It's just past 10:00'. `We have half an hour until dinner – that's 30 minutes'. `<b>Half past</b> two...' `Three <b>o'clock</b>...'</p> <p><a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>
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# Year Three

Key Recall Fact(s)	What does this look like in class?	How can I support with this at home?
<p><b>Number:</b> I know all my number bonds within 20</p> <p><b>Break Down:</b></p> <ul style="list-style-type: none"> <li>- <b>Autumn 2: All</b> Number bonds within 20, including <b>all</b> halves and doubles</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in the whole class chanting and games time</li> <li>- Use of number fans</li> <li>- Hit the Button</li> <li>- Concrete resources (cubes and counters/Numicon) for children who are struggling to recall</li> <li>- Number families</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> </ul> <p><a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p><b>Vocabulary:</b></p> <p>'What is the sum of 13 and 5?'</p> <p>'What should I add to 17 to make 20?'</p> <p>'What is 16 minus 2?'</p> <p>'What is 15 less than 19?'</p> <p>'What is 20 subtract 7?'</p>
<p><b>Number:</b> I can recall multiplication and division facts for the 2,3, 4, 5, 8 and 10 times tables.</p> <p><b>Break Down:</b></p> <p><b>Autumn 1:</b> Consolidate 2,5,10</p> <p><b>Autumn 2:</b> 3 times table with division facts</p> <p><b>Spring 1:</b> 4 times table with division facts</p> <p><b>Spring 2:</b> 8 times table with division facts</p>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in whole class chanting and games time</li> <li>- Class games – around the world/assassin</li> <li>- Use of counting stick</li> <li>- Filling in the blanks on number lines</li> <li>- Hit the Button</li> <li>- Times Table Rock Stars</li> <li>- Concrete resources (cubes and counters/Numicon) for children who are struggling to recall</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> <li>- Quick recall questions (see vocabulary)</li> </ul> <p><b>Vocabulary:</b></p> <p>'What is six times four?'</p> <p>'How many tens in sixty?'</p> <p>'What is 21 divided by 3?'</p> <p>'How many times does 2 go into 8?'</p> <p>'What is 3 groups of 4?'</p> <p>'What is 16 shared between 8?'</p>
<p><b>Measure (time):</b> I can recall facts about time durations</p> <p><b>Break down:</b></p> <ul style="list-style-type: none"> <li>- How many minutes in an hour?</li> <li>- How many seconds in a minute?</li> <li>- How many hours in a day?</li> <li>- How many days in a week?</li> <li>- How many months in a year?</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice, revisiting even when looking at another topic</li> <li>- Use of calendars</li> <li>- Songs and memory games</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of discussion/quizzes (little and often)</li> <li>- Have a calendar on display in the home</li> <li>- Introduce dates into daily conversations – e.g. you're visiting your friend on 29<sup>th</sup> January – that's in three days.</li> </ul> <p><b>Vocabulary:</b></p> <p>See break down</p>

<ul style="list-style-type: none"> <li>- How many days in a year/leap year?</li> <li>- How many days in each month?</li> <li>- What day is one day before 1<sup>st</sup> February? (example)</li> </ul>		
<p><b>Measure (time):</b> I can tell the time (nearest 1 minute)</p>	<ul style="list-style-type: none"> <li>- Lots of practice, revisiting even when looking at another topic</li> <li>- Use of class clocks</li> <li>- Noticing times of the day (e.g. lunchtime, home time)</li> <li>- Class games (e.g. What's the time, Mr Wolf?)</li> <li>- The 'Flower Method'</li> </ul> <p><a href="https://www.topmarks.co.uk/time/teaching-clock">https://www.topmarks.co.uk/time/teaching-clock</a></p> <p><a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>	<ul style="list-style-type: none"> <li>- Lots of practice, making use of 'free time' – e.g. car journeys</li> <li>- Discuss time in more 'natural moments' – e.g. noticing that it is nearly 12:00/lunchtime/bedtime</li> <li>- Use of digital clocks is valuable, but exposure to both analogue and digital is ideal</li> <li>- Visual timer for activities – e.g. if there is a set time of 30 minutes for playing video games, show a countdown timer. This instils a clear understanding of the passage of time.</li> <li>- Use a mixture of language – e.g. 15 minutes past/quarter past.</li> </ul> <p><b>Vocabulary:</b></p> <p>'Look at the clock – how many minutes past/to...'</p> <p>'We have half an hour until dinner – that's 30 minutes'.</p> <p><a href="https://mathsframe.co.uk/en/resources/resource/116/telling-the-time">https://mathsframe.co.uk/en/resources/resource/116/telling-the-time</a></p>

# Year Four

Key Recall Fact(s)	What does this look like in class?	How can I support with this at home?															
<p><b>Number:</b> I know all my number bonds to 100</p> <p><b>Break Down:</b></p> <ul style="list-style-type: none"> <li>- Recall most number bonds to 100</li> <li>- Develop strategies for working out missing value problems mentally (e.g. <math>34 + ? = 100</math>)</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in the whole class chanting and games time</li> <li>- Use of number fans</li> <li>- Hit the Button</li> <li>- Concrete resources (cubes and counters/Numicon) for children who are struggling to recall</li> <li>- Number families</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> </ul> <p><a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p><b>Vocabulary:</b></p> <p>'What is the sum of 13 and 51?'</p> <p>'What should I add to 37 to make 100?'</p> <p>'What is 16 minus 12?'</p> <p>'What is 55 less than 79?'</p> <p>'What is 90 subtract 17?'</p>															
<p><b>Number:</b> I can recall multiplication and division facts to 12x12</p> <p><b>Break Down:</b></p> <p>Children should be able to recall all multiplication and division facts by the time of the statutory assessment, commencing the week beginning June 5<sup>th</sup>.</p>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in whole class chanting and games time</li> <li>- Class games – around the world/assassin</li> <li>- Use of counting stick</li> <li>- Filling in the blanks on number lines</li> <li>- Hit the Button</li> <li>- Times Table Rock Stars</li> <li>- Concrete resources for those struggling with recall</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> <li>- Quick recall questions (see vocabulary)</li> </ul> <p><b>Vocabulary:</b></p> <p>'What is six times four?'</p> <p>'How many tens in sixty?'</p> <p>'What is 21 divided by 3?'</p> <p>'How many times does 2 go into 8?'</p> <p>'What is 3 groups of 4?'</p> <p>'What is 16 shared between 8?'</p>															
<p><b>Number (fractions)</b> I can recall decimal equivalents for common fractions</p> <p><b>Break down:</b></p> <table style="width: 100%; border: none;"> <tr> <td><math>\frac{1}{2} = 0.5</math></td> <td><math>\frac{1}{10} = 0.1</math></td> <td><math>\frac{1}{100} = 0.01</math></td> </tr> <tr> <td><math>\frac{1}{4} = 0.25</math></td> <td><math>\frac{2}{10} = 0.2</math></td> <td><math>\frac{7}{100} = 0.07</math></td> </tr> <tr> <td><math>\frac{3}{4} = 0.75</math></td> <td><math>\frac{5}{10} = 0.5</math></td> <td><math>\frac{21}{100} = 0.21</math></td> </tr> <tr> <td></td> <td><math>\frac{6}{10} = 0.6</math></td> <td><math>\frac{75}{100} = 0.75</math></td> </tr> <tr> <td></td> <td><math>\frac{9}{10} = 0.9</math></td> <td><math>\frac{99}{100} = 0.99</math></td> </tr> </table>	$\frac{1}{2} = 0.5$	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$	$\frac{1}{4} = 0.25$	$\frac{2}{10} = 0.2$	$\frac{7}{100} = 0.07$	$\frac{3}{4} = 0.75$	$\frac{5}{10} = 0.5$	$\frac{21}{100} = 0.21$		$\frac{6}{10} = 0.6$	$\frac{75}{100} = 0.75$		$\frac{9}{10} = 0.9$	$\frac{99}{100} = 0.99$	<ul style="list-style-type: none"> <li>- Visual depictions on interactive whiteboard</li> <li>- Quick recall fraction facts (equivalency)</li> <li>- Matching Card Games</li> </ul> <p><a href="https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY">https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY</a></p>	<ul style="list-style-type: none"> <li>- Play matching card pair game (fractions and decimals written on a set of cards – turn the card over in two to see if you can match a fraction and a decimal)</li> </ul> <p><b>Vocabulary:</b></p> <p>'How many tenths is 0.4?'</p> <p>'How many hundredths is 0.32?'</p> <p>'What is 25% as a fraction?'</p> <p>'What is <math>\frac{1}{2}</math> as a decimal?'</p> <p><a href="https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages">https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages</a></p>
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	$\frac{9}{10} = 0.9$	$\frac{99}{100} = 0.99$															

**Number:** I can multiply and divide whole numbers and decimals by 10/100

- Use of concrete/pictorial methods – place value charts
- Visual representations

<https://www.topmarks.co.uk/Flash.aspx?f=MovingDigitCards>

- Try using some of the class games at home:

<https://www.topmarks.co.uk/Flash.aspx?f=MovingDigitCards>

**Vocabulary:**

Hundreds  
Tens  
Ones  
Tenths  
Hundredths

# Year Five

Key Recall Fact(s)	What does this look like in class?	How can I support with this at home?
<p><b>Number:</b> I know decimal number bonds to 1 and 10</p> <p>Examples include:</p> <p><math>0.6 + 0.4 = 1</math>  <math>0.31 + 0.69 = 1</math>  <math>3.54 + \underline{\quad} = 10</math></p>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in the whole class chanting and games time</li> <li>- Concrete resources for those struggling to recall</li> <li>- Quick Quizzes</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> </ul> <p><b>Vocabulary:</b></p> <p>'What do I add to 0.4 to make 1?'            'What is 1 subtract 0.5?'</p>
<p><b>Number:</b> I can recall multiplication and division facts to 12 x 12, and also for the 20, 24, 25, 50 and 60 times tables.</p> <p><b>Break Down:</b></p> <p>Children should consolidate their knowledge of times table and division facts to 12 x 12. Understanding of 20, 25 and 50 times tables will help with learning of fractions, decimals and percentages. 24 and 60 times tables will help when converting minutes/hours/days/weeks.</p>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in whole class chanting and games time</li> <li>- Class games – around the world/assassin</li> <li>- Use of counting stick</li> <li>- Filling in the blanks on number lines</li> <li>- Hit the Button</li> <li>- Times Table Rock Stars</li> <li>- Concrete resources for those struggling with recall</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> <li>- Quick recall questions (see vocabulary)</li> </ul> <p><b>Vocabulary:</b></p> <p>'What is six times four?'            'How many tens in sixty?'            'What is 21 divided by 3?'            'How many times does 2 go into 8?'            'What is 3 groups of 4?'            'What is 16 shared between 8?'</p>
<p><b>Measure (units):</b> I can recall metric conversions</p> <p><b>Break down:</b></p> <p>1 kilogram = 1000 grams            1 kilometre = 1000 metres            1 metre = 100 centimetres            1 metre = 1000 millimetres            1 centimetre = 10 millimetres            1 litre = 1000 millilitres</p>	<ul style="list-style-type: none"> <li>- Visual depictions</li> <li>- Reasoning questions</li> <li>- Quick recall drills in whole class chanting and games</li> </ul>	<ul style="list-style-type: none"> <li>- Encourage children to incorporate measure into their daily lives – e.g. helping with cooking, household DIY</li> <li>- Use these moments to encourage discussion around conversions – e.g. this needs to be 13.5cm – what is that in mm?</li> </ul>
<p><b>Number:</b> I can identify all prime numbers up to 20</p>	<ul style="list-style-type: none"> <li>- Quick recall sessions during class chanting and games</li> <li>- Number trees</li> <li>- Factor and multiple games</li> </ul>	<ul style="list-style-type: none"> <li>- Make use of 'free time' to discuss – e.g. car journeys</li> <li>- Try using some of the class games at home:  <a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a></li> </ul>

	<a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a>	<b>Vocabulary:</b> Prime (only 1 and itself as a factor) Composite (more than 2 factors)
<b>Number:</b> I can use factor pairs to systematically find ALL factors of a number	<ul style="list-style-type: none"> <li>- Quick recall sessions during class chanting and games</li> <li>- Number trees</li> <li>- Factor and multiple games</li> </ul> <a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a>	<ul style="list-style-type: none"> <li>- Make use of 'free time' to discuss – e.g. car journeys</li> <li>- Try using some of the class games at home:  <a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a> </li> </ul> <b>Vocabulary:</b> 'What are the factors of 16?' 'What are the first two multiples of 7?' 'Can you find all the factor pairs of 32?' 'Is 17 a prime number? How do you know?'
<b>Number:</b> I can recall all square numbers up to 12 <sup>2</sup> and their roots	<ul style="list-style-type: none"> <li>- Quick recall sessions during class chanting and games</li> <li>- Use of arrays</li> <li>- Reasoning using area of squares</li> </ul>	<ul style="list-style-type: none"> <li>- Make use of 'free time' to discuss – e.g. car journeys</li> </ul> <b>Vocabulary:</b> 'What is 8 squared?' 'What is the square root of 9?'
<b>Number (fractions)</b> I can recall decimal and percentage equivalents for common fractions <b>Break down:</b> $\frac{1}{2} = 0.5$ $\frac{1}{10} = 0.1$ $\frac{1}{100} = 0.01$ $\frac{1}{4} = 0.25$ $\frac{2}{10} = 0.2$ $\frac{7}{100} = 0.07$ $\frac{3}{4} = 0.75$ $\frac{5}{10} = 0.5$ $\frac{21}{100} = 0.21$ $\frac{6}{10} = 0.6$ $\frac{75}{100} = 0.75$ $\frac{9}{10} = 0.9$ $\frac{99}{100} = 0.99$	<ul style="list-style-type: none"> <li>- Visual depictions on interactive whiteboard</li> <li>- Quick recall fraction facts (equivalency)</li> <li>- Matching Card Games</li> </ul> <a href="https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY">https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY</a>	<ul style="list-style-type: none"> <li>- Play matching card pair game (fractions and decimals written on a set of cards – turn the card over in two to see if you can match a fraction and a decimal)</li> </ul> <b>Vocabulary:</b> 'How many tenths is 0.4?' 'How many hundredths is 0.32?' 'What is 25% as a fraction?' 'What is 1/2 as a decimal?'  <a href="https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages">https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages</a>

# Year Six

Key Recall Fact(s)	What does this look like in class?	How can I support with this at home?
<p><b>Number:</b> <i>Consolidation</i> - I can recall multiplication and division facts to 12 x 12, and also for the 20, 24, 25, 50 and 60 times tables.</p> <p><b>Break Down:</b></p> <p>Children should consolidate their knowledge of times table and division facts to 12 x 12. Understanding of 20, 25 and 50 times tables will help with learning of fractions, decimals and percentages. 24 and 60 times tables will help when converting minutes/hours/days/weeks.</p>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often) in whole class chanting and games time</li> <li>- Class games – around the world/assassin</li> <li>- Use of counting stick</li> <li>- Filling in the blanks on number lines</li> <li>- Hit the Button</li> <li>- Times Table Rock Stars</li> <li>- Concrete resources for those struggling with recall</li> </ul>	<ul style="list-style-type: none"> <li>- Lots of practice (little and often). Make use of 'free time' – e.g. car journeys</li> <li>- Try playing 'Hit the Button' at home</li> <li>- Quick recall questions (see vocabulary)</li> </ul> <p><b>Vocabulary:</b></p> <p>'What is six times four?'</p> <p>'How many tens in sixty?'</p> <p>'What is 21 divided by 3?'</p> <p>'How many times does 2 go into 8?'</p> <p>'What is 3 groups of 4?'</p> <p>'What is 16 shared between 8?'</p>
<p><b>Number:</b> I can identify all prime numbers up to 50</p>	<ul style="list-style-type: none"> <li>- Quick recall sessions during class chanting and games</li> <li>- Number trees</li> <li>- Factor and multiple games</li> </ul> <p><a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a></p>	<ul style="list-style-type: none"> <li>- Make use of 'free time' to discuss – e.g. car journeys</li> <li>- Try using some of the class games at home: <a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a></li> </ul> <p><b>Vocabulary:</b></p> <p>Prime (only 1 and itself as a factor)</p> <p>Composite (more than 2 factors)</p>
<p><b>Number:</b> I can use factor pairs to systematically find ALL common factors of a pair of numbers</p>	<ul style="list-style-type: none"> <li>- Quick recall sessions during class chanting and games</li> <li>- Number trees</li> <li>- Factor and multiple games</li> </ul> <p><a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a></p>	<ul style="list-style-type: none"> <li>- Make use of 'free time' to discuss – e.g. car journeys</li> <li>- Try using some of the class games at home: <a href="https://www.transum.org/Maths/Activity/Prime/">https://www.transum.org/Maths/Activity/Prime/</a></li> </ul> <p><b>Vocabulary:</b></p> <p>'What are the factors of 16?'</p> <p>'What are the first two multiples of 7?'</p> <p>'Can you find all the factor pairs of 32?'</p> <p>'Is 17 a prime number? How do you know?'</p>

