

# Year 4 spring home learning overview 2020-21

<b>1 Spring term 1 2020-21</b>					
<b>Chapter 4: Further multiplication and division</b>					
<b>INSET day</b>	<b>Lesson 13: Dividing 3-Digit Numbers</b> To divide 3-digit numbers. <b>Learn the strategy:</b> <a href="https://vimeo.com/436377697/8c8334dd9f">https://vimeo.com/436377697/8c8334dd9f</a>	<b>Lesson 14: Dividing 2-Digit Numbers with remainders.</b> Divide 2-digit numbers <b>Learn the strategy:</b> <a href="https://vimeo.com/433572835/939d4f6861">https://vimeo.com/433572835/939d4f6861</a>	<b>Lesson 15: Dividing 3-Digit Numbers</b> Divide 3-digit numbers. <b>Learn the strategy:</b> <a href="https://vimeo.com/435656890/883be87169">https://vimeo.com/435656890/883be87169</a>	<b>Lesson 16: Dividing 3-Digit Numbers</b> Divide 3-digit numbers with remainders. <b>Learn the strategy:</b> <a href="https://vimeo.com/433572835/939d4f6861">https://vimeo.com/433572835/939d4f6861</a>	<b>Recap multiplication and division</b> <b>Learn the strategy:</b> <b>Multiplication methods:</b> <a href="https://vimeo.com/433570438/182be9a43e">https://vimeo.com/433570438/182be9a43e</a> <a href="https://vimeo.com/433792558/5bdd26d050">https://vimeo.com/433792558/5bdd26d050</a> <b>Division methods:</b> <a href="https://vimeo.com/433572835/939d4f6861">https://vimeo.com/433572835/939d4f6861</a>
<b>2 Chapter 4: Further x &amp; ÷</b>			<b>Chapter 5: Graphs</b>		
<b>Lesson 17: Solving Word Problems</b> To solve multiplication and division word problems. <b>Learn the strategy:</b> <b>Multiplication recap:</b> <a href="https://vimeo.com/433570438/182be9a43e">https://vimeo.com/433570438/182be9a43e</a> <a href="https://vimeo.com/433792558/5bdd26d050">https://vimeo.com/433792558/5bdd26d050</a> <b>Division recap:</b> <a href="https://vimeo.com/433572835/939d4f6861">https://vimeo.com/433572835/939d4f6861</a>	<b>Lesson 18: Solving Word Problems</b> To solve multiplication and division word problems (multi-step).	<b>Lesson 1: Drawing and Reading Picture Graphs and Bar Graphs</b> To draw and read picture graphs & bar graphs. <b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/interpreting-and-presenting-data-in-pictograms-and-bar-charts-6tk3ar?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/interpreting-and-presenting-data-in-pictograms-and-bar-charts-6tk3ar?step=2&amp;activity=video</a>	<b>Lesson 2: Drawing and Reading Bar Graphs</b> To draw and read bar graphs. <b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/bar-charts-6hh3qr?activity=video&amp;step=1">https://classroom.thenational.academy/lessons/bar-charts-6hh3qr?activity=video&amp;step=1</a>	<b>Lesson 3: Drawing and Reading Line Graphs</b> To draw and read line graphs. <b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/read-and-interpret-time-graphs-6mvp6e?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/read-and-interpret-time-graphs-6mvp6e?step=1&amp;activity=video</a>	<b>Lesson 4: Drawing and Reading Line Graphs</b> To draw and read a line graph. <b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/comparing-time-graphs-64i3ad?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/comparing-time-graphs-64i3ad?step=1&amp;activity=video</a>
<b>3 Ch5: Graphs</b>		<b>Fractions: Recap Year 3, textbook 3B</b>			
<b>Lesson 5: Drawing and Reading Line Graphs</b> To draw and read line graphs (drawing focus). <b>Learn the strategy: (up to 17 minutes)</b> <a href="https://classroom.thenational.academy/lessons/reading-and-interpreting-line-graphs-catkad?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/reading-and-interpreting-line-graphs-catkad?step=2&amp;activity=video</a>	<b>MNP Year 4 4A assessment</b> Complete workbook 4A mid-year revision sections A and B.	<b>MNP Year 4 4A assessment</b> Complete workbook 4A mid-year revision sections C and D.	<b>Recap year 3 fractions: Ch.11, Lesson 1: Counting in Tenths</b> To count in tenths; to recognise tenths and be able to determine how many tenths are shaded. <b>Learn the strategy:</b> <a href="https://vimeo.com/412245221/90c9d59c28">https://vimeo.com/412245221/90c9d59c28</a>	<b>Recap year 3 fractions: Ch.11, Lesson 2: Making Number Pairs</b> To make number pairs to create 1; to combine fractions to make 1. <b>Learn the strategy:</b> <a href="https://vimeo.com/412345580/34ce70e489">https://vimeo.com/412345580/34ce70e489</a> <a href="https://vimeo.com/412341663/844c400f2e">https://vimeo.com/412341663/844c400f2e</a>	<b>Recap year 3 fractions: Ch.11, Lesson 3: Adding Fractions</b> To add fractions with the same denominator. <b>Learn the strategy:</b> <a href="https://vimeo.com/414683843/03a266864b">https://vimeo.com/414683843/03a266864b</a> <a href="https://vimeo.com/412710096/93cb56f6f9">https://vimeo.com/412710096/93cb56f6f9</a>
<b>4 Fractions: Recap Year 3, textbook 3B</b>					
<b>Recap year 3 fractions: Ch.11, Lesson 5: Subtracting Fractions</b> To subtract fractions with the same name. <b>Learn the strategy:</b> <a href="https://vimeo.com/413036415/c5a4e1daa8">https://vimeo.com/413036415/c5a4e1daa8</a>	<b>Recap year 3 fractions: Ch.11, Lesson 6: Finding Equivalent Fractions</b> To find equivalent fractions through paper folding and shading. <b>Learn the strategy:</b> <a href="https://vimeo.com/414722907/0595d87f96">https://vimeo.com/414722907/0595d87f96</a>	<b>Recap year 3 fractions: Ch.11, Lesson 8: Finding Equivalent Fractions</b> To find equivalent fractions; to place fractions on a number line. <b>Learn the strategy:</b> <a href="https://vimeo.com/415101199/90a01e78bb">https://vimeo.com/415101199/90a01e78bb</a>	<b>Recap year 3 fractions: Ch.11, Lesson 9: Finding Equivalent Fractions</b> To find fractions equivalent to 1/2; use pictorial and multiplication to show equivalence. <b>Learn the strategy:</b> <a href="https://vimeo.com/415104079/76c4efc622">https://vimeo.com/415104079/76c4efc622</a>	<b>Recap year 3 fractions: Ch.11, Lesson 10: Finding Equivalent Fractions</b> To find equivalent fractions using concrete objects and pictorial representations. <b>Learn the strategy:</b> <a href="https://vimeo.com/417546470/33ec45a471">https://vimeo.com/417546470/33ec45a471</a>	<b>Recap year 3 fractions: Ch.11, Lesson 12: Finding the Simplest Fraction</b> To find the simplest fraction using visualisation and concrete materials. <b>Learn the strategy:</b> <a href="https://vimeo.com/417571675/8b956b3cbe">https://vimeo.com/417571675/8b956b3cbe</a>

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5 Fractions: Recap Year 3, textbook 3B					Ch.6: Fractions
<p><b>Recap year 3 fractions: Ch.11, Lesson 15: Comparing Fractions</b> To compare the fractions <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math> using pictorial representations and concrete materials.</p>	<p><b>Recap year 3 fractions: Ch.11, Lesson 16: Comparing Fractions</b> To compare fractions using pictorial representations; to understand the numerical nature of the numerator.</p>	<p><b>Recap year 3 fractions: Ch.11, Lesson 18: Adding Fractions</b> To add fractions using pictorial representations; to simplify fractions after adding them.</p>	<p><b>Recap year 3 fractions: Ch.11, Lesson 19: Subtracting Fractions</b> To subtract fractions using pictorial representations; to simplify fractions after they have been subtracted.</p>	<p><b>Recap year 3 fractions: Ch.11, Lesson 20: Subtracting Fractions</b> To subtract fractions from a whole amount; to use pictorial representations of whole numbers to help subtract fractions.</p>	<p><b>Lesson 1: Counting in Hundredths</b> To count in hundredths.</p>
<p><b>Learn the strategy:</b> <a href="https://vimeo.com/417202640/0ca55b328">https://vimeo.com/417202640/0ca55b328</a></p>	<p><b>Learn the strategy:</b> <a href="https://vimeo.com/417234426/0e869afb9">https://vimeo.com/417234426/0e869afb9</a></p>	<p><b>Learn the strategy:</b> <a href="https://vimeo.com/418053312/1280e10df4">https://vimeo.com/418053312/1280e10df4</a></p>	<p><b>Learn the strategy:</b> <b>Subtracting fractions:</b> <a href="https://vimeo.com/413036415/c5a4e1daa8">https://vimeo.com/413036415/c5a4e1daa8</a>  <b>Simplifying fractions:</b> <a href="https://vimeo.com/417571675/8b956b3cbe">https://vimeo.com/417571675/8b956b3cbe</a></p>	<p><b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/fractions-subtracting-fractions-with-the-same-denominator-c9jker?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/fractions-subtracting-fractions-with-the-same-denominator-c9jker?step=2&amp;activity=video</a></p>	<p><b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/tenths-and-hundredths-6nj68c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/tenths-and-hundredths-6nj68c?step=2&amp;activity=video</a></p>
6 Chapter 6: Fractions					Catch up time
<p><b>Lesson 2: Writing Mixed Numbers</b> To write mixed number fractions.</p>	<p><b>Lesson 3: Showing Mixed Numbers on a Number Line</b> To show mixed number fractions on a number line.</p>	<p><b>Lesson 4: Finding Equivalent Fractions</b> To find equivalent fractions.</p>	<p><b>Lesson 5: Finding Equivalent Fractions</b> To find equivalent fractions (further practise).</p>	<p><b>Lesson 6: Simplifying Mixed Numbers</b> To simplify mixed number fractions.</p>	
<p><b>Learn the strategy: (up to 4 minutes and 37 seconds)</b> <a href="https://classroom.thenational.academy/lessons/improper-fractions-part-2-64upad?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/improper-fractions-part-2-64upad?step=2&amp;activity=video</a></p>	<p><b>Learn the strategy: (up to 5 minutes and 57 seconds)</b> <a href="https://classroom.thenational.academy/lessons/ordering-fractions-c4vp6r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/ordering-fractions-c4vp6r?step=2&amp;activity=video</a></p>	<p><b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-2-ccr38c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-2-ccr38c?step=2&amp;activity=video</a> <b>Or:</b> <a href="https://classroom.thenational.academy/lessons/equivalent-fractions-cq66c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/equivalent-fractions-cq66c?step=2&amp;activity=video</a></p>	<p><b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/equivalent-fractions-chk6ar?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/equivalent-fractions-chk6ar?step=1&amp;activity=video</a> <b>Or:</b> <a href="https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctgp4r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctgp4r?step=2&amp;activity=video</a></p>	<p><b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/simplifying-fractions-68v68f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/simplifying-fractions-68v68f?step=2&amp;activity=video</a></p>	