

# Year 5 home learning overview 2020-21

<b>1 Autumn term 2020</b>					
Recap year 4 Book 4A, Ch.1, Lesson 5: Using Place Value	Recap year 4 Book 4A, Ch.1, Lesson 7: Comparing & Ordering Numbers	Review numbers to 10,000 (use year 4 workbook review pages) And introduce numbers between 10,000 and 100,000	Chapter 1: Numbers to 1 000 000		
			Lesson 1: Reading & Writing Numbers to 100 000.	Lesson 2: Reading & Writing Numbers to 1 000 000	Lesson 3: Reading & Writing Numbers to 1 000 000
<b>2 Chapter 1: Numbers to 1 000 000</b>					
Lesson 4: Comparing Numbers to 1 000 000	Lesson 5: Comparing Numbers to 1 000 000	Lesson 6: Comparing Numbers to 1 000 000	Lesson 7: Comparing Numbers to 1 000 000	Lesson 8: Making Number Patterns	Lesson 9: Making Number Patterns
<b>3 Chapter 1: Numbers to 1 000 000</b>					
Lesson 10 <u>over 2 days:</u> Rounding Numbers	Lesson 10 <u>over 2 days:</u> Rounding Numbers	Lesson 11 <u>over 2 days:</u> Rounding Numbers	Lesson 11 <u>over 2 days:</u> Rounding Numbers	Lesson 12: Rounding Numbers	<u>MNP Year 4 summer assessment</u>
<u>MNP Year 4 summer assessment</u>	Recap year 4 Book 4A, Ch.2, Ch.1, Lesson 5: Adding with Renaming	Recap year 4 Book 4A, Ch.2, Lesson 13: Subtracting with Renaming	Chapter 2: Whole Numbers: Addition and Subtraction		
			Lesson 1: Counting On to Add	Lesson 2: Counting Backwards to Subtract	Lesson 3: Adding within 1 000 000
<b>5 Chapter 2: Whole Numbers: Addition and Subtraction</b>					
Lesson 4: Adding and Subtracting within 1 000 000	Lesson 5: Adding within 1 000 000	Lesson 6: Subtracting within 1 000 000	Lesson 7: Adding and Subtracting within 1 000 000	Lesson 9: Subtracting within 1 000 000	Lesson 10: Part 1 Subtracting within 1 000 000
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Lesson 10: Part 2 Subtracting within 1 000 000	Additional lesson Embed addition and subtraction	Additional lesson Embed addition and subtraction	Additional lesson Embed addition and subtraction	Recap year 4 Book 4A, Ch.4, Lesson 6: <u>Multiplying 2-Digit Numbers</u>	Recap year 4 Book 4A, Ch.4, Lesson 7: <u>Multiplying 2-Digit Numbers</u>
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Recap year 4 Book 4A, Ch.4, Lesson 10: <u>Multiplying 3-Digit</u> Numbers To multiply 3-digit numbers (renaming).	Recap year 4 Book 4A, Ch.4, Lesson 14: <u>Dividing 2-Digit</u> Numbers with remainders. Divide 2-digit numbers	Recap year 4 Book 4A, Ch.4, Lesson 15: <u>Dividing 3-Digit</u> Numbers Divide 3-digit numbers.	Recap year 4 Book 4A, Ch.4, Lesson 16: <u>Dividing 3-Digit</u> Numbers Divide 3-digit numbers with remainders.	Additional practical lesson – x tables and corresponding division facts. Use activity time from Book 4A, Ch.3, L 11: <u>Multiplying and Dividing by 11 and 12</u> (blank counters to explore, keep numbers low, find & note 'fact families')	Consolidation
<b>Learn the strategy:</b> <b>Multiplication</b> <a href="#">Multiplication strategy</a> <a href="#">Multiplication strategy 2</a>	<b>Learn the strategy:</b> <b>Multiplication:</b> <a href="https://www.belleville-school.org.uk/our-learning/calculation-videos">https://www.belleville-school.org.uk/our-learning/calculation-videos</a>  <b>Division</b> <a href="#">Division strategy</a>		<b>Learn the strategy:</b> Use the strategies learnt this week to complete the review questions from Chapter 3.		<b>Learn the strategy:</b> Check understanding from previous lessons.

8 Chapter 3: Multiplication and Division					
<b>Lesson 1: Finding Multiples (over 2 days)</b> To consolidate and review multiplication; to find the result of multiplying by a number.	<b>Lesson 1: Finding Multiples (over 2 days)</b> To consolidate and review multiplication; to find the result of multiplying by a number.	<b>Lesson 2: Finding Factors (over 2 days)</b> To consolidate and review multiplication; to find the numbers we can multiply by to get a number.	<b>Lesson 2: Finding Factors (over 2 days)</b> To consolidate and review multiplication; to find the numbers we can multiply by to get a number.	<b>Lesson 3: Finding Common Factors</b> To define and find common factors of numbers to 100.	<b>Lesson 4: Finding Prime Numbers</b> To identify & name the prime numbers; to recognise prime numbers as numbers that only have 2 factors.
<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/multiples-and-factors-6gr32d?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/multiples-and-factors-6gr32d?step=1&amp;activity=video</a>				<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-cdk68c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-cdk68c?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/prime-numbers-65j38e?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/prime-numbers-65j38e?step=2&amp;activity=video</a>
9 Chapter 3: Multiplication and Division					
<b>Lesson 5: Finding Prime Numbers</b> To define and determine prime numbers to 100.	<b>Lesson 6: Finding Square and Cube Numbers (over 2 days)</b> To create and determine square and cube numbers.	<b>Lesson 6: Finding Square and Cube Numbers (over 2 days)</b> To create and determine square and cube numbers.	<b>Lesson 7: Multiplying by 10, 100 and 1000</b> To multiply 1- and 2-digit numbers by 10, 100 and 1000.	<b>Lesson 8: Multiply 2-Digit &amp; 3-Digit Numbers by a Single Digit</b> To multiply 2- and 3-digit numbers by a single-digit number using multiple strategies.	<b>Lesson 9: Multiplying 4-Digit Numbers</b> To multiply 4-digit numbers by single-digit numbers.
<b>Learn the strategy:</b> Check back on yesterday's video. Or recap with this one: <a href="https://classroom.thenational.academy/lessons/identify-properties-of-numbers-6wv34f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/identify-properties-of-numbers-6wv34f?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/to-investigate-and-explain-cubed-numbers-6hh38r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/to-investigate-and-explain-cubed-numbers-6hh38r?step=2&amp;activity=video</a>		<b>Learn the strategy: (up to 7 minutes and 45 seconds)</b> <a href="https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r?step=2&amp;activity=video</a>	<b>Learn the strategy: (up to 12 minutes and 32 seconds)</b> <a href="https://classroom.thenational.academy/lessons/short-multiplication-c8v64c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/short-multiplication-c8v64c?step=2&amp;activity=video</a>	<b>Learn the strategy: (from 12 minutes and 32 seconds)</b> <a href="https://classroom.thenational.academy/lessons/short-multiplication-c8v64c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/short-multiplication-c8v64c?step=2&amp;activity=video</a>
10 Chapter 3: Multiplication and Division				<b>Additional lesson Embed multiplication</b> 3 digit x 2 digit	<b>Lesson 16: Dividing by 10, 100 and 1000</b> To find thousands, hundreds and tens in a 4-digit number using concrete materials.
<b>Lesson 10: Multiplying 4-Digit Numbers</b> To multiply 4-digit numbers by single-digit numbers with regrouping, using a variety of strategies.	<b>Lesson 12: Multiplying a 2-Digit Number by a 2-Digit Number</b> To multiply 2-digit numbers by 2-digit numbers using multiple methods.	<b>Lesson 13 : Multiply 2-Digit Number by a 2-Digit Number</b> To multiply 2-digit by 2-digit numbers using multiple methods, incl.grid method, no bonds & column method, with regrouping.	<b>Lesson 14: Multiplying a 3-Digit Number by a 2-Digit Number</b> To multiply a 3-digit number by a 2-digit number, using the grid method and column method as key strategies.		
<b>Learn the strategy:</b> Revisit the video from yesterday.	<b>Learn the strategy:</b> <a href="#">Multiplication strategy</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/multiplying-a-3-digit-number-by-a-2-digit-number-cmwpae?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/multiplying-a-3-digit-number-by-a-2-digit-number-cmwpae?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> Complete the online lesson based on yesterday's video: <a href="https://classroom.thenational.academy/lessons/multiplying-a-3-digit-number-by-a-2-digit-number-cmwpae">https://classroom.thenational.academy/lessons/multiplying-a-3-digit-number-by-a-2-digit-number-cmwpae</a>	<b>Learn the strategy: (from 7 minutes and 45 seconds)</b> <a href="https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r?step=2&amp;activity=video</a>	

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<b>11 Chapter 3: Multiplication and Division</b>			<b>Additional lesson to embed division</b>	<b>Additional lesson embed division</b>	<b>Chapter 5 – Graphs</b>
<b>Lesson 17: Dividing 3-Digit and 4-Digit Numbers</b> To divide 3- and 4-digit numbers by 1-digit numbers using number bonds and long division as the key methods.	<b>Lesson 18: Dividing 4-Digit Numbers</b> To divide 4-digit numbers by single-digit numbers, using number bonds and long division are the key strategies.	<b>Lesson 19: Dividing with Remainder</b> To divide 3-digit numbers by single-digit numbers using long division, short division and mental methods that gives rise to remainders.			<b>Lesson 1: Reading Tables</b> To read the information presented in a table and interpret its meaning.
<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/using-multiples-to-divide-6cw3gd?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/using-multiples-to-divide-6cw3gd?step=2&amp;activity=video</a> <b>AND:</b> <a href="https://classroom.thenational.academy/lessons/short-division-part-1-6qr6ar?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/short-division-part-1-6qr6ar?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/short-division-part-2-6nk66c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/short-division-part-2-6nk66c?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Short division:</b> <a href="https://classroom.thenational.academy/lessons/short-division-6gt64d?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/short-division-6gt64d?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Complete the online lesson.</b> <a href="https://classroom.thenational.academy/lessons/division-with-remainders-ccwk6r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/division-with-remainders-ccwk6r?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Complete the online lesson.</b> <a href="https://classroom.thenational.academy/lessons/consolidation-and-review-ccr62t">https://classroom.thenational.academy/lessons/consolidation-and-review-ccr62t</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/reading-timetables-6wwkq?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/reading-timetables-6wwkq?step=2&amp;activity=video</a>
<b>12 Chapter 5: Graphs</b>					<b>Additional lesson to embed graphs</b>
<b>Lesson 2: Reading Tables</b> To read and respond to information presented in a table.	<b>Lesson 3: Reading Tables</b> To read and respond to tables with a variety of data sets.	<b>Lesson 4: Reading Line Graphs</b> To read and interpret information provided in a line graph where a single line represents the data.	<b>Lesson 5: Reading Line Graphs</b> To read and interpret the information presented in a line graph where the data is represented by more than one line.	<b>Lesson 7: Reading Line Graphs</b> To read & interpret information presented in a table & turn it into a line graph; to determine relationships between data sets.	
<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/calculating-time-intervals-on-timetables-c4w64c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/calculating-time-intervals-on-timetables-c4w64c?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/timetables-questions-60kar?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/timetables-questions-60kar?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/interpreting-line-graphs-cmr3ec?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/interpreting-line-graphs-cmr3ec?step=1&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/reading-and-interpreting-line-graphs-cgtkad?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/reading-and-interpreting-line-graphs-cgtkad?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/tables-and-line-graphs-6xgk0f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/tables-and-line-graphs-6xgk0f?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Complete the online lesson.</b> <a href="https://classroom.thenational.academy/lessons/consolidation-and-review-6cvkj">https://classroom.thenational.academy/lessons/consolidation-and-review-6cvkj</a>
<b>13 Recapping fractions</b>					
<b>Recap year 4 Book 4A, Ch.6, Lesson 4: Finding Equivalent Fractions</b> To find equivalent fractions.	<b>Recap year 4 Book 4A, Ch.6, Lesson 5: Finding Equivalent Fractions</b> To find equivalent fractions (further practise).	<b>Recap year 4 Book 4A, Ch.6, Lesson 9: Adding Fractions</b> To add fractions with the same denominator and record answers as mixed numbers.	<b>Recap year 4 Book 4A, Ch.6, Lesson 10: Adding Fractions</b> To add fractions (simplest form).	<b>Recap year 4 Book 4A, Ch.6, Lesson 11: Subtracting Fractions</b> To subtract a fraction from a whole number.	<b>Recap year 4 Book 4A, Ch.6, Lesson 12: Subtracting Fractions</b> To subtract fractions (equivalence).
<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>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctqp4r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctqp4r?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/fractions-adding-fractions-with-the-same-denominator-c9k3jc?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/fractions-adding-fractions-with-the-same-denominator-c9k3jc?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Recap simplifying fractions (from 5 minutes and 30 seconds)</b> <a href="https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctqp4r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctqp4r?step=2&amp;activity=video</a>	<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>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/subtract-fractions-6hh66r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/subtract-fractions-6hh66r?step=2&amp;activity=video</a>
<b>14 Time available for catch up</b>					