

Year 4 spring home learning overview 2020-21

1 Spring term 1 2020-21					
Chapter 4: Further multiplication and division					
INSET day	Lesson 13: Dividing 3-Digit Numbers To divide 3-digit numbers.	Lesson 14: Dividing 2-Digit Numbers with remainders. Divide 2-digit numbers	Lesson 15: Dividing 3-Digit Numbers Divide 3-digit numbers.	Lesson 16: Dividing 3-Digit Numbers Divide 3-digit numbers with remainders.	Recap multiplication and division
	Learn the strategy: https://vimeo.com/436377697/8c8334dd99	Learn the strategy: https://vimeo.com/433572835/939d4f6861	Learn the strategy: https://vimeo.com/435656890/883be87169	Learn the strategy: https://vimeo.com/433572835/939d4f6861	Learn the strategy: Multiplication methods: https://vimeo.com/433570438/182be9a43e https://vimeo.com/433792558/5bd26d050 Division methods: https://vimeo.com/433572835/939d4f6861
2 Chapter 4: Further x & ÷		Chapter 5: Graphs			
Lesson 17: Solving Word Problems To solve multiplication and division word problems.	Lesson 18: Solving Word Problems To solve multiplication and division word problems (multi-step).	Lesson 1: Drawing and Reading Picture Graphs and Bar Graphs To draw and read picture graphs & bar graphs.	Lesson 2: Drawing and Reading Bar Graphs To draw and read bar graphs.	Lesson 3: Drawing and Reading Line Graphs To draw and read line graphs.	Lesson 4: Drawing and Reading Line Graphs To draw and read a line graph.
Learn the strategy: Multiplication recap: https://vimeo.com/433570438/182be9a43e https://vimeo.com/433792558/5bd26d050 Division recap: https://vimeo.com/433572835/939d4f6861		Learn the strategy: https://classroom.thenational.academy/lessons/interpreting-and-presenting-data-in-pictograms-and-bar-charts-6tk3ar?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/bar-charts-6hh3gr?activity=video&step=1	Learn the strategy: https://classroom.thenational.academy/lessons/read-and-interpret-time-graphs-6mvp6e?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/comparing-time-graphs-64i3ad?step=1&activity=video
3 Ch5: Graphs		Fractions: Recap Year 3, textbook 3B			
Lesson 5: Drawing and Reading Line Graphs To draw and read line graphs (drawing focus).	MNP Year 4 mid-year revision 4A assessment	MNP Year 4 mid-year revision 4A assessment	Recap year 3 fractions: Ch.11, Lesson 1: Counting in Tenths To count in tenths; to recognise tenths and be able to determine how many tenths are shaded.	Recap year 3 fractions: Ch.11, Lesson 2: Making Number Pairs To make number pairs to create 1; to combine fractions to make 1.	Recap year 3 fractions: Ch.11, Lesson 3: Adding Fractions To add fractions with the same denominator.
Learn the strategy: (up to 17 minutes) https://classroom.thenational.academy/lessons/reading-and-interpreting-line-graphs-catkad?step=2&activity=video	Complete workbook 4A mid-year revision sections A and B, questions 1-27.	Complete workbook 4A mid-year revision sections C and D, questions 28-45.	Learn the strategy: https://vimeo.com/412245221/90c9d59c28	Learn the strategy: https://vimeo.com/412345580/34ce70e489 https://vimeo.com/412341663/844c400f2e	Learn the strategy: https://vimeo.com/414683843/03a266864b https://vimeo.com/412710096/93cb56f6f9
4 Fractions: Recap Year 3, textbook 3B					
Recap year 3 fractions: Ch.11, Lesson 5: Subtracting Fractions To subtract fractions with the same name.	Recap year 3 fractions: Ch.11, Lesson 6: Finding Equivalent Fractions To find equivalent fractions through paper folding and shading.	Recap year 3 fractions: Ch.11, Lesson 8: Finding Equivalent Fractions To find equivalent fractions; to place fractions on a number line.	Recap year 3 fractions: Ch.11, Lesson 9: Finding Equivalent Fractions To find fractions equivalent to 1/2; use pictorial and multiplication to show equivalence.	Recap year 3 fractions: Ch.11, Lesson 10: Finding Equivalent Fractions To find equivalent fractions using concrete objects and pictorial representations.	Recap year 3 fractions: Ch.11, Lesson 12: Finding the Simplest Fraction To find the simplest fraction using visualisation and concrete materials.
Learn the strategy: https://vimeo.com/413036415/c5a4e1daa8	Learn the strategy: https://vimeo.com/414722907/0595d87f96	Learn the strategy: https://vimeo.com/415101199/90a01e78bb	Learn the strategy: https://vimeo.com/415104079/76c4efc622	Learn the strategy: https://vimeo.com/417546470/33ec45a471	Learn the strategy: https://vimeo.com/417571675/8b956b3cbe

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5 Fractions: Recap Year 3, textbook 3B					Ch.6: Fractions
Recap year 3 fractions: Ch.11, Lesson 15: Comparing Fractions To compare the fractions $\frac{1}{2}$ and $\frac{1}{4}$ using pictorial representations and concrete materials.	Recap year 3 fractions: Ch.11, Lesson 16: Comparing Fractions To compare fractions using pictorial representations; to understand the numerical nature of the numerator.	Recap year 3 fractions: Ch.11, Lesson 18: Adding Fractions To add fractions using pictorial representations; to simplify fractions after adding them.	Recap year 3 fractions: Ch.11, Lesson 19: Subtracting Fractions To subtract fractions using pictorial representations; to simplify fractions after they have been subtracted.	Recap year 3 fractions: Ch.11, Lesson 20: Subtracting Fractions To subtract fractions from a whole amount; to use pictorial representations of whole numbers to help subtract fractions.	Lesson 1: Counting in Hundredths To count in hundredths.
Learn the strategy: https://vimeo.com/417202640/0ca55b328	Learn the strategy: https://vimeo.com/417234426/0e869afb9	Learn the strategy: https://vimeo.com/418053312/1280e10df4	Learn the strategy: Subtracting fractions: https://vimeo.com/413036415/c5a4e1daa8 Simplifying fractions: https://vimeo.com/417571675/8b956b3cbe	Learn the strategy: https://classroom.thenational.academy/lessons/fractions-subtracting-fractions-with-the-same-denominator-c9jker?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/tenths-and-hundredths-6nj68c?step=2&activity=video
6 Chapter 6: Fractions					Catch up time
Lesson 2: Writing Mixed Numbers To write mixed number fractions.	Lesson 3: Showing Mixed Numbers on a Number Line To show mixed number fractions on a number line.	Lesson 4: Finding Equivalent Fractions To find equivalent fractions.	Lesson 5: Finding Equivalent Fractions To find equivalent fractions (further practise).	Lesson 6: Simplifying Mixed Numbers To simplify mixed number fractions.	
Learn the strategy: (up to 4 minutes and 37 seconds) https://classroom.thenational.academy/lessons/improper-fractions-part-2-64upad?step=2&activity=video	Learn the strategy: (up to 5 minutes and 57 seconds) https://classroom.thenational.academy/lessons/ordering-fractions-c4vp6r?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-2-ccr38c?step=2&activity=video Or: https://classroom.thenational.academy/lessons/equivalent-fractions-cgt66c?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/equivalent-fractions-chk6ar?step=1&activity=video Or: https://classroom.thenational.academy/lessons/finding-equivalent-fractions-ctgp4r?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/simplifying-fractions-68v68t?step=2&activity=video	