

Year 6 summer home learning overview 2020-21

Summer term 1 2020-21					
1 Recap and review week					
INSET day	Recap decimals and recap measures	Recap 4 operations word problems:	Recap percentage	Recap ratio	Recap algebra
	Learn the strategy: Complete the review of Chapter 4 (Decimals) and Chapter 5 (Measures) : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 6 (Word problems) : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 7 (Percentages) : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 8 (Ratio) : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 9 (Algebra) : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.
2 Recap and review			Chapter 13: Position and Movement		
Recap area and perimeter (Year 5, Ch 12)	Recap area and perimeter (Year 6, Ch 10)	Recap volume: (Year 5, Ch 13 & Year 6, Ch 11)	Recap geometry	Recap: Lesson 1: Showing Negative Numbers & Lesson 2: Describing Position	Lesson 3: Describing Position To describe the position of points using coordinates on a grid.
Learn the strategy: Complete the review of Chapter 12 (Bk 5B): Area and Perimeter Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 10 (Bk 6B), Area and perimeter : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 13 (Bk 5B) and Chapter 11 (Bk 6B): Volume Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: Complete the review of Chapter 12 (Geometry) : Use the strategies we have learnt in this chapter. Go back to watch the videos if you are not sure.	Learn the strategy: https://classroom.thenational.academy/lessons/negative-numbers-in-context-68f66c	Learn the strategy: https://vimeo.com/429428268/e97257c390
3 Chapter 13: Position and Movement					
May bank holiday	Lesson 4: Drawing Polygons on a Coordinate Grid To draw polygons on a coordinate grid; to recognise polygons on a coordinate grid.	Lesson 5: Describing Translations To describe the translation of shapes on a coordinate grid.	Lesson 6: Describing Reflections To describe reflection using a mirror line and the terms 'object' and 'image'.	Lesson 7: Describing Movements To describe the movement of objects using the terms 'translation' and 'reflection'.	Lesson 8: Describing Movements To describe the movement of objects using the terms 'translation' and 'reflection'.
	Learn the strategy: https://classroom.thenational.academy/lessons/describing-coordinate-positions-on-a-grid-6hgpaf?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/translating-simple-shapes-6hipaf?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/reflecting-simple-shapes-6mu3ec?step=2&activity=video	Learn the strategy: https://vimeo.com/429433263/f714294bed	

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4			Recap graphs year 4 and 5		
Recap problem solving with addition and subtraction with decimal numbers	Recap dividing with remainders in different contexts (part 1)	Recap dividing with remainders in different contexts (part 2)	Recap reading tables, pictograms and bar charts: Bk 4A, Chapter 5, Graphs, Lesson 1: Drawing & reading Picture graphs & Bar graphs	Recap year 5 graphs, Chapter 5, Lesson 4: Reading Line Graphs To read and interpret information provided in a line graph where a single line represents the data.	Lesson 1: Understanding Averages To calculate the average (mean) of sets of values.
Learn the strategy: Complete the online lesson: https://classroom.thenational.academy/lessons/applying-addition-and-subtraction-74tp2d	Learn the strategy: Complete the online lesson: https://classroom.thenational.academy/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-1-chj3et	Learn the strategy: Complete the online lesson: https://classroom.thenational.academy/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-2-ccu32d	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/interpreting-line-graphs-cmr3ec?step=1&activity=video	Learn the strategy: https://vimeo.com/425117781/1c09ed8f53 And: https://vimeo.com/425117859/697298bc90
5 Chapter 14: Graphs and averages					
Lesson 2: Calculating the Mean To calculate the mean.	Lesson 5: Showing Information on Graphs To show information on graphs; to transfer information from a table to a pie chart.	Lesson 6: Reading Pie Charts To read and interpret pie charts.	Lesson 7: Reading Pie Charts To read and interpret pie charts; to use percentages in pie charts.	Lesson 9: Reading Line Graphs To read line graphs; to interpret the information in line graphs.	Lesson 10: Reading Line Graphs To read & interpret line graphs; to answer questions about the graph information.
Learn the strategy: https://vimeo.com/425479084/0251b8b5d8 And: https://classroom.thenational.academy/lessons/interpret-mean-as-an-average-60t32d?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/tables-and-line-graphs-6xgk0t?step=2&activity=video And: https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad?step=1&activity=video	Learn the strategy: Reminder from yesterday: https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/comparing-pie-charts-c5hpc?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/interpret-line-graphs-chk38d?step=2&activity=video	Learn the strategy: (up to 13 minutes and 18 seconds) https://classroom.thenational.academy/lessons/construct-line-graphs-74vk0d?step=2&activity=video
6		Recap Roman Numerals		Chapter 14: Roman Numerals	
Recap comparing fractions less than 1	Recap fractions greater than 1	Recap Roman numerals to 100 Year 4, Bk 4B, Chapter 14, Lesson 2	Recap Roman numerals to 1000: year 5, Bk 5B, Chapter 14, lesson 2	Lesson 1: Writing Roman Numerals to & in thousands To write Roman numerals to 1000.	Lesson 2: Writing Roman Numerals to & in thousands To write numbers in their thousands in Roman numerals.
Learn the strategy: Complete the online lesson: https://classroom.thenational.academy/lessons/compare-fractions-less-than-one-c4ukcc	Learn the strategy: Complete the online lesson: https://classroom.thenational.academy/lessons/compare-fractions-greater-than-one-c8vkgr	Learn the strategy: https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-100-6guk8c?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/solving-problems-involving-roman-numerals-6gt36d?step=2&activity=video	Learn the strategy: Reminder from yesterday https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-1000-61k32r?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/solving-problems-involving-roman-numerals-6gt36d?step=2&activity=video