

Year 2 spring home learning overview

1 Spring term 1					
Bank Holiday	INSET day	Additional Lesson: Recap place value and addition (with renaming) Learn the strategy: Year 2 subtraction & addition https://www.bellevillewix.org.uk/our-learning/calculation-videos Or: https://www.belleville-school.org.uk/our-learning/calculation-videos Complete the online lesson: https://classroom.thenational.academy/lessons/adding-2-digit-numbers-regrouping-71qkee	Additional Lesson: Recap place value and subtraction (with renaming) Learn the strategy: Year 2 subtraction & addition https://www.bellevillewix.org.uk/our-learning/calculation-videos Or: https://www.belleville-school.org.uk/our-learning/calculation-videos Complete the online lesson: https://classroom.thenational.academy/lessons/subtracting-2-digit-numbers-regrouping-60v34r	Additional Lesson: Recap multiplication and division Complete the online lesson: https://classroom.thenational.academy/lessons/finding-related-multiplication-and-division-facts-cdi6cc	REVIEW: Chapter 4: Multiplication and division of 2, 5 & 10 Use the strategies we have learnt in this chapter to complete the review. Go back to watch the videos if you are not sure.
		2 Chapter 5: Length			
Additional Lesson: Revisit Year 1, Book 1A, Ch. 9, Lesson 4: Measuring Height and Length Using a Ruler To introduce the concept of using rulers for measuring.	Lesson 1: Measuring Length In Metres To measure length in metres.	Lesson 2: Measuring Length in Centimetres To measure length in centimetres.	Lesson 3: Comparing Length in Metres To be able to compare length for objects using 'greater than' and 'less than' symbols.	Lesson 4: Comparing Length in Centimetres To be able to compare different lengths using centimetres as the unit of measure.	Lesson 6: Solving Word Problems To be able to solve problems involving measurement in the context of word problems.
Learn the strategy: (up to 6 minutes and 2 seconds) https://classroom.thenational.academy/lessons/using-standard-and-non-standard-units-when-measuring-cn3jr?step=1&activity=video	Learn the strategy: (Up to 3 minutes and 40 seconds) https://classroom.thenational.academy/lessons/estimating-and-comparing-length-6ngk2c?step=2&activity=video	Learn the strategy: https://vimeo.com/426943699/a574441c77 Or: https://classroom.thenational.academy/lessons/measuring-length-in-centimetres-70r6ad?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/estimating-and-comparing-length-6ngk2c?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/estimating-measuring-and-comparing-length-in-centimetres-cmup6e?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/applying-knowledge-of-length-when-solving-a-word-problem-c8ukqd?step=2&activity=video Subtraction word problems: https://vimeo.com/429686994/d87d2dfc32
3 Chapter 5: Length					
Lesson 7: Solving Word Problems To be able to solve addition and multiplication word problems involving measurement.	Lesson 8: Solving Word Problems To be able to solve addition and division word problems involving measurement.	REVIEW: Chapter 5: Length	Additional Lesson: Understanding commutativity In this lesson, we will explore commutativity - the concept that parts in addition equations can be added together in any order.	Additional Lesson: Consolidate equal/ unequal groups, repeated addition/ subtraction of equal groups and multiplication/ division	Lesson 1: Measuring Mass in Kilograms To understand that mass is measured in kilograms and by using weighing scales.
Learn the strategy: https://classroom.thenational.academy/lessons/solving-word-problems-by-using-bar-models-6gvpct?step=2&activity=video Multiplication word problems: https://vimeo.com/429687722/c00aad2b3	Learn the strategy: https://classroom.thenational.academy/lessons/solving-word-problems-by-using-bar-models-6gvpct?step=2&activity=video Division word problems: https://vimeo.com/429688299/d55426bad3	Use the strategies we have learnt in this chapter to complete the review. Go back to watch the videos if you are not sure.	Complete the online lesson. https://classroom.thenational.academy/lessons/understanding-commutativity-c5gk8c	Complete the online lesson: https://classroom.thenational.academy/lessons/solving-multiplication-and-division-problems-69h66d	Learn the strategy: https://vimeo.com/426947313/39152d733e

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4 Chapter 6: Mass					
Lesson 2: Measuring Mass in Grams To measure mass in grams and to understand that it is a smaller unit of measure than kilograms.	Lesson 3: Measuring Mass in Grams To measure mass accurately in grams using weighing scales.	Lesson 4: Comparing Masses of Two Objects To compare the mass of two different objects accurately.	Lesson 6: Solving Word Problems To solve word problems in the context of mass.	Lesson 7: Solving More Word Problems To solve word problems involving mass.	REVIEW: Chapter 6: Mass
Learn the strategy: https://vimeo.com/426947313/39152d733e	Learn the strategy: https://vimeo.com/426947313/39152d733e And: https://classroom.thenational.academy/lessons/grams-and-interpreting-scales-75j3gt?step=2&activity=video	Learn the strategy: (from 2 minutes and 37 seconds) https://classroom.thenational.academy/lessons/applying-addition-and-subtraction-of-measurements-6hh66i?step=2&activity=video	Learn the strategy: Year 2 subtraction & addition https://www.bellevilewix.org.uk/our-learning/calculation-videos Or: https://www.bellevile-school.org.uk/our-learning/calculation-videos	Use the bar model and calculation strategy: Multiplication for word problems: https://vimeo.com/429687722/c00aad2b3 Division for word problems: https://vimeo.com/429688299/d55426bad3	Use the strategies we have learnt in this chapter to complete the review. Go back to watch the videos if you are not sure.
5 Chapter 7: Temperature		Chapter 8: Picture Graphs			
Lesson 1: Reading Temperature To accurately read temperature in Celsius.	Lesson 2: Estimating temperature To estimate temperature and to read thermometers to confirm the estimate.	Lesson 1: Reading Picture Graphs To be able to read a picture graph with confidence.	Lesson 2: Reading Picture Graphs To be able to read and interpret a picture graph with confidence.	Lesson 3: Reading Picture Graphs To read and interpret a picture graph where the value of the picture can represent more than 1.	Lesson 4: Reading Picture Graphs To read and interpret a picture graph where the value of the picture can represent more than 1.
Learn the strategy: https://classroom.thenational.academy/lessons/reading-the-temperature-in-degrees-celsius-chk68d?step=1&activity=video		Learn the strategy: Intro: (up to 1 minute and 51 seconds) https://www.bbc.co.uk/bitesize/clips/zg4d2hv https://www.khanacademy.org/math/cc-2nd-grade-math/x3184e0ec:data/cc-2nd-picture-graphs/v/picture-graphs	Learn the strategy: https://classroom.thenational.academy/lessons/representing-and-interpreting-data-using-a-pictogram-64r66c?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/representing-data-in-a-tally-chart-and-pictogram-cmwk6r?step=2&activity=video	Learn the strategy: https://www.khanacademy.org/math/cc-third-grade-math/represent-and-interpret-data/imp-picture-graphs/v/solving-problems-with-pictographs-2
6		Chapter 9: More Word Problems			Catch up time
REVIEW: Chapter 7: Temperature AND Chapter 8: Picture Graphs	Additional Lesson: Recap place value and addition (with renaming)	Additional Lesson: Recap division	Lesson 1: Solving Word Problems (over 2 days) To decide when to add and/or subtract when solving word problems; to use bar models and visual representations.		Revisit any worksheets that have not been completed so far from this half term.
Use the strategies we have learnt in this chapter to complete the review. Go back to watch the videos if you are not sure.	Complete the online lesson: https://classroom.thenational.academy/lessons/adding-two-digit-numbers-involving-regrouping-60vked Learn the strategy: Year 2 subtraction & addition https://www.bellevilewix.org.uk/our-learning/calculation-videos Or: https://www.bellevile-school.org.uk/our-learning/calculation-videos	Complete the online lesson: https://classroom.thenational.academy/lessons/solving-division-problems-when-grouping-cvvp6r	Learn the strategy: Thinking about bar models: https://classroom.thenational.academy/lessons/identifying-suitable-bar-models-to-represent-problems-6wr3ec?step=2&activity=video https://classroom.thenational.academy/lessons/applying-knowledge-of-bar-models-to-answer-word-problems-c4u68t?step=2&activity=video Year 2 subtraction & addition https://www.bellevilewix.org.uk/our-learning/calculation-videos And: https://www.bellevile-school.org.uk/our-learning/calculation-videos		
Half term break					

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Spring term 2					
7 Chapter 9: More Word Problems					Chapter 10: Money
Lesson 2: Solving Word Problems To use the bar model method to solve word problems looking at the difference between two amounts.	Lesson 3: Solving Word Problems (over 2 days) To solve multi-step word problems using bar models; to use more than one bar model to work out the answer.	Lesson 3: Solving Word Problems (over 2 days)	REVIEW: Chapter 9: More Word Problems	Additional Lesson: Recap place value and subtraction (with renaming)	Lesson 1: Writing Amounts of Money To identify standard UK coins and notes and write their names.
Learn the strategy: Thinking about bar models: https://classroom.thenational.academy/lessons/identifying-suitable-bar-models-to-represent-problems-6wr3ec?step=2&activity=video https://classroom.thenational.academy/lessons/applying-knowledge-of-bar-models-to-answer-word-problems-c4u68t?step=2&activity=video Year 2 subtraction & addition https://www.bellevillewix.org.uk/our-learning/calculation-videos And: https://www.belleville-school.org.uk/our-learning/calculation-videos			Use the strategies we have learnt in this chapter to <u>complete the review</u> . Go back to watch the videos if you are not sure.	Complete the online lesson: https://classroom.thenational.academy/lessons/subtracting-a-2-digit-number-and-ones-with-regrouping-6nh34r Learn the strategy: Year 2 subtraction & addition https://www.bellevillewix.org.uk/our-learning/calculation-videos Or: https://www.belleville-school.org.uk/our-learning/calculation-videos	Intro: https://classroom.thenational.academy/lessons/revisiting-the-value-of-coins-comparing-value-74kcr?step=1&activity=video Learn the strategy: https://classroom.thenational.academy/lessons/coins-and-notes-6wup4t?step=2&activity=video
8 Chapter 10: Money					
Lesson 2: Counting Money To count notes in sequences of 5 and 10; to recognise the value of notes by appearance.	Lesson 3: Counting Money To count coins in sequences of their value; to recognise the value of coins by appearance.	Lesson 4: Counting Money To represent amounts of money using coins and notes; to count coins and notes using their denominations.	Lesson 5: Showing Equal Amounts of Money To create equal amounts of money using different coins.	Lesson 6: Exchanging Money To exchange denominations of money for different coins.	Additional Lesson: Recap addition and subtraction (renaming)
Learn the strategy: https://vimeo.com/424728802/22738b9458	Learn the strategy: https://classroom.thenational.academy/lessons/counting-money-in-a-set-of-coins-65h32d?step=2&activity=video	Learn the strategy: https://vimeo.com/424734567/9253b7d260	Learn the strategy: https://vimeo.com/424753279/c3f3db7de8	Learn the strategy: https://vimeo.com/424776963/20e3187105 Or: https://classroom.thenational.academy/lessons/using-the-fewest-amount-of-coins-and-notes-71k64c?step=2&activity=video	Complete the online lesson: https://classroom.thenational.academy/lessons/consolidation-and-application-part-1-cdk3ed
9 Chapter 10: Money				Chapter 11: Two-Dimensional Shapes	
Additional Lesson: Recap addition and subtraction (renaming)	Lesson 8: Calculating Total Amount To add money together to determine the total amount.	Calculating Change In this lesson, we will learn how to calculate change using different strategies.	REVIEW: Chapter 10: Money	Recap lesson from year 1 Textbook 1A, Chapter 8, Lesson 1 and 2: Recognising Solids Recognising Shapes	Lesson 1: Identifying Sides To identify the number of sides on basic 2-D shapes.
Complete the online lesson: https://classroom.thenational.academy/lessons/consolidation-and-application-part-2-6dk3cc	Learn the strategy: https://vimeo.com/425185660/1eaccb9b2	Complete the online lesson: https://classroom.thenational.academy/lessons/giving-change-cct3ge	Use the strategies we have learnt in this chapter to <u>complete the review</u> . Go back to watch the videos if you are not sure.	Learn the strategy: Solids: https://classroom.thenational.academy/lessons/describing-3d-shapes-crwk2e?step=1&activity=video Shapes: https://classroom.thenational.academy/lessons/sorting-2d-shapes-cdh3et?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/to-identify-2d-shapes-c9qkjd?step=2&activity=video Shape song: (go to slide 2) https://classroom.thenational.academy/lessons/to-identify-2d-shapes-c9qkjd?step=3&activity=worksheet

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10 Chapter 11: Two-Dimensional Shapes					
Lesson 2: Identifying Vertices To identify and count the vertices in regular polygons.	Lesson 3: Identifying Lines of Symmetry To identify lines of symmetry in basic 2-D shapes.	Lesson 4: Making Figures To construct shapes using pattern blocks that have lines of symmetry.	Lesson 7: Making Patterns To recognise patterns of familiar shapes and colours of up to three objects.	Lesson 9: Moving Shapes To move shapes on a square grid from one position to another using common language.	Lesson 10: Turning Shapes To turn objects using quarter, half and three-quarter turns both clockwise and anticlockwise on a square grid.
Learn the strategy: https://classroom.thenational.academy/lessons/to-describe-and-classify-2d-shapes-64ukjd?activity=video&step=2	Learn the strategy: (from 3 minutes 12 seconds to 9 minutes and 20 seconds) https://classroom.thenational.academy/lessons/to-identify-and-describe-lines-of-symmetry-in-2-d-shapes-c5jk0c?step=2&activity=video	Learn the strategy: (from 7 minutes and 16 seconds to 8 minutes 34 seconds) https://classroom.thenational.academy/lessons/to-revise-shapes-6mv6ad?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/to-recognise-and-create-repeating-patterns-6rtpac?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/giving-directions-from-point-a-to-point-b-cmt34r?step=2&activity=video	Learn the strategy: (up to 11 minutes and 30 seconds) https://classroom.thenational.academy/lessons/to-identify-half-quarter-and-three-quarter-turns-6dgkjc?step=1&activity=video
11 Chapter 12: Three-Dimensional Shapes					
Lesson 1: Recognising Three-Dimensional Shapes To recognise 3-D shapes by identifying their properties.	Lesson 2: Describing Three-Dimensional Shapes To describe 3-D shapes and classify them using faces, vertices and edges.	Lesson 3: Describing Three-Dimensional Shapes To describe 3-D shapes based on the number of faces and the 2-D shapes of these faces; to construct nets of shapes into 3-D shapes.	Lesson 4: Grouping Three-Dimensional Shapes To group 3-D shapes by similar properties.	Lesson 6: Making Patterns To make and recognise patterns using 3-D shapes.	REVIEW: Chapter 12: 3-D Shape
Learn the strategy: https://classroom.thenational.academy/lessons/to-recognise-name-and-describe-3d-shapes-cnjkcd?step=1&activity=video Shape song: (go to slide 2) https://classroom.thenational.academy/lessons/to-recognise-name-and-describe-3d-shapes-cnjkcd?step=2&activity=worksheet	Learn the strategy: https://vimeo.com/408371827/78a99b60b9	Learn the strategy: https://classroom.thenational.academy/lessons/identifying-2-d-shapes-on-the-surfaces-of-3d-shapes-70wk8c?step=2&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/to-describe-and-classify-3d-shapes-70u3cc?step=2&activity=video	Learn the strategy: https://vimeo.com/408891279	Use the strategies we have learnt in this chapter to <u>complete the review</u> . Go back to watch the videos if you are not sure.
12 Chapter 13: Fractions			Catch up time		
Lesson 1: Making Equal Parts To make equal parts from a whole using simple and complex methods.	Lesson 2: Showing Half and Quarter To show and recognise halves and quarters.	Lesson 3: Showing Quarters To show and identify more than one quarter using materials and pictures.	Revisit any worksheets that have not been completed so far from this half term.	Revisit any worksheets that have not been completed so far from this half term.	Revisit any worksheets that have not been completed so far from this half term.
Learn the strategy: https://vimeo.com/414699075/ee4fe7fdc3 Then: https://vimeo.com/414700138/86881c1989 Finally: https://vimeo.com/414701467/83968e9dab	Learn the strategy: https://vimeo.com/414763603/b282ddba96 Then: https://vimeo.com/414771640/012ade7876	Learn the strategy: https://vimeo.com/415437786/e53e2b7af6			
Easter Break					