

1 Spring term 1 2020-21						
INSET day	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.	Consolidate place value and addition (renaming)	Consolidate place vale and subtraction (renaming)	Lesson 4: Comparing Masses of Two Objects To compare the mass of two different objects accurately.	
	Learn the strategy: https://vimeo.com/426947313/3915 2d733e	Learn the strategy: https://vimeo.com/426947313/3915 2d733e  And: https://classroom.thenational.aca demy/lessons/grams-and- interpreting-scales- 75j3gt?step=2&activity=video	Learn the strategy: Year 2 subtraction & addition https://www.bellevillewix.org.uk/o ur-learning/calculation-videos Or: https://www.belleville- school.org.uk/our- learning/calculation-videos  Complete the lesson: https://classroom.thenational.aca demy/lessons/adding-2-digit- numbers-regrouping-71gkee	Learn the strategy: Year 2 subtraction & addition https://www.bellevillewix.org.uk/o ur-learning/calculation-videos Or: https://www.belleville- school.org.uk/our- learning/calculation-videos  Complete the lesson: https://classroom.thenational.aca demy/lessons/subtracting-2-digit- numbers-regrouping-60v34r	Learn the strategy: (from 2 minutes and 37 seconds) https://classroom.thenational.aca demy/lessons/applying-addition- and-subtraction-of-measurements- 6hh66t?step=2&activity=video	
2 Chapter 6: Mass		Chapter 7: Temperature		Ch. 8: Graphs		
Lesson 6: Solving Word Problems To solve word problems in the context of mass.	Consolidate equal/ unequal groups, repeated addition/ subtraction of equal groups and multiplication/ division	Lesson 7: Solving More Word Problems To solve word problems involving mass.	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.	
Learn the strategy: Year 2 subtraction & addition https://www.bellevillewix.org.uk/o ur-learning/calculation-videos Or: https://www.belleville- school.org.uk/our- learning/calculation-videos	Complete the lesson: https://classroom.thenational.acad emy/lessons/solvina- multiplication-and-division- problems-69h66d	Use the bar model and calculation strategy: Multiplication for word problems: https://vimeo.com/429687722/c00 aadc2b3 Division for word problems: https://vimeo.com/429688299/d55 426bad3	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	
3 Chapter 8: Picture Graphs						
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.	MNP Year 2 mid-year revision 2A assessment	MNP Year 2 mid-year revision 2A assessment	Embed mass and temperature  -Review mass -Review temperature	
Learn the strategy: https://classroom.thenational.aca demy/lessons/representing-and- interpreting-data-using-a- pictogram- 64r66c?step=1&activity=video	Learn the strategy: https://classroom.thenational.aca demy/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-interpretdata/imp-picture-graphs/v/solving-problems-with-pictographs-2	Complete workbook 2A mid- year revision sections A and B, questions 1-23.	Complete workbook 2A mid- year revision sections C, D and E, questions 24-45.	Complete the review questions at the end of Chapter 6 and Chapter 7, using the strategies you have learnt in this chapter.	



	oblems					
Consolidate place value and addition (renaming)	Consolidate place value and subtraction (renaming)	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.	Lesson 1: Solving Word Problems (over 2 days)	Lesson 2: Solving Word Problems (over 2 days) To use the bar model method to solve word problems looking at the difference between two amounts.	Lesson 1: Solving Word Problems (over 2 days)	
Complete the lesson: https://classroom.thenational.acad emy/lessons/adding-two-digit- numbers-involving-regrouping- 60vked Learn the strategy:	Complete the lesson: https://classroom.thenational.acad emy/lessons/subtracting-a-2-digit- number-and-ones-with-regrouping- 6nh34r  Learn the strategy:	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/ou r-learning/calculation-videos Or: https://www.belleville- school.org.uk/our- learning/calculation-videos	Year 2 subtraction & addition https://www.bellevillewix.org.uk/ou r-learning/calculation-videos Or: https://www.belleville- school.org.uk/our- learning/calculation-videos	Year 2 subtraction & addition https://www.bellevillewix.org.uk/our-learning/calculation-videos And: https://www.belleville-school.org.uk/our-learning/calculation-videos				
5 Chapter 10: Money  Recap lesson year 1: Textbook of Chapter 17, Lesson 1 and 2: Recognising Co Recognising Notes		Lesson 1: Writing Amounts of Money To identify standard UK coins and notes and write their names.	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.	
of-different-coins-part-1-c8t32e?step		Intro: https://classroom.thenational.acad emy/lessons/revisiting-the-value-of- coins-comparing-value- 74rkcr?step=1&activity=video	Learn the strategy: https://vimeo.com/424728802/2273 8b9458	Learn the strategy: https://classroom.thenational.acad emy/lessons/counting-money-in-a- set-of-coins- 65h32d?step=2&activity=video	Learn the strategy: https://vimeo.com/424734567/9253 b7d260	
https://classroom.thenational.academy/lessons/to-recognise-the-value-of-different-coins-part-2-6mt68t?step=2&activity=video  Pounds and Notes: (from 4 minutes)  https://classroom.thenational.academy/lessons/to-recognise-the-value-of-different-coins-and-notes-65j64e?step=2&activity=video		Learn the strategy: https://classroom.thenational.acad emy/lessons/coins-and-notes- 6wup41?step=2&activity=video				
6 Chapter 10: Money						
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.	Lesson 8: Calculating Total Amount To add money together to determine the total amount.	Lesson 9: Calculating Change (over 2 days) To calculate change from £100 or less; to use bar models.	Catch up time	
Learn the strategy: https://vimeo.com/424753279/c3f3db7de8  Half term break		Learn the strategy: https://vimeo.com/424776963/20e3 187105 Or: https://classroom.thenational.acad emy/lessons/using-the-fewest- amount-of-coins-and-notes- 71k64c?step=2&activity=video	Learn the strategy: https://vimeo.com/425185660/1ea accb9b2	Learn the strategy: https://classroom.thenational.acad emy/lessons/giving-change- cct3ge?step=2&activity=video		



Spring term 2 2020-21						
7 Chapter 11: Two-Dimensional Shapes						
Recap lesson 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.	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 5: Sorting Shapes To sort shapes based on number of sides, vertices and other factors.	
Learn the strategy: Solids: https://classroom.thenational.acad emy/lessons/describing-3d- shapes- crwk2e?step=1&activity=video Shapes: https://classroom.thenational.acad emy/lessons/sorting-2d-shapes- cdh3et?step=1&activity=video	Learn the strategy: https://classroom.thenational.academy/lessons/to-identify-2d-shapes-c9gkjd?step=2&activity=video  Shape song: (go to slide 2) https://classroom.thenational.academy/lessons/to-identify-2d-shapes-c9gkjd?step=3&activity=worksheet		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.acad emy/lessons/to-revise-shapes- 6mv6ad?step=2&activity=video	Learn the strategy: https://classroom.thenational.acad emy/lessons/to-describe-and- classify-2d-shapes- 64ukjd?activity=video&step=2	
8 Chapter 11: Two-Dimensio	nal Shapes					
Lesson 6: Drawing Shapes To draw shapes using square grid and dot grid paper; to copy shapes from sight using grid paper.  Learn the strategy: (recap the properties of shape) https://classroom.thenational.acad emy/lessons/to-identify-2d- shapes- c?gkjd?step=2&activity=video	Lesson 7: Making Patterns To recognise patterns of familiar shapes and colours of up to three objects.  Learn the strategy: https://classroom.thenational.acad emy/lessons/to-recognise-and- create-repeating-patterns- 6rtpac?step=2&activity=video	Recap lesson from year 1: Textbook 1B, Chapter 20, Lesson 3: Making Turns  Learn the strategy: https://vimeo.com/435017275/75e 04405cd	Lesson 9: Moving Shapes (over 2 days) To move shapes on a square grid from one position to another using common language.  Learn the strategy: https://classroom.thenational.academy/lessons/giving-directions-from-point-a-to-point-b-cmt34r?step=2&activity=video		Lesson 10: Turning Shapes (over 2 days) To turn objects using quarter, half and three-quarter turns both clockwise and anticlockwise on a square grid.  Learn the strategy: (up to 11 minutes and 30 seconds) https://classroom.thenational.acad emy/lessons/to-identify-half- quarter-and-three-quarter-turns- 6dgkjc?step=1&activity=video	
9 'Holistic maths skills' days – explaining to others		Chapter 11: cont.				
Create a poster to show another child in year 2 how to complete these calculations:  56 + 19 and 45 - 26  Remember the strategies: Year 2 subtraction & addition https://www.bellevillewix.org.uk/our-learning/calculation-videos  And:  https://www.belleville-school.org.uk/our-learning/calculation-videos  On you poster show your thinking in different ways. You could show how to solve the calculations using a place value grid and by drawing the Dienes and with the formal calculation. Use different colours to show tens and ones.  Explain the methods on your poster to a family member or carer. Talk about all the different ways you have shown to solve the calculation and explain where another child may go wrong when using these methods.		Lesson 10: Turning Shapes (over 2 days)  Learn the strategy: As yesterday: (up to 11 minutes and 30 seconds) https://classroom.thenational.acad emy/lessons/to-identify-half- quarter-and-three-quarter-turns- 6dgkjc?step=1&activity=video	Embed moving from different points (from lesson 9)  Complete the online lesson: https://classroom.thenational.acad emy/lessons/giving-directions- from-point-a-to-point-b-cmt34r	Consolidate addition and subtraction (renaming)  Learn the strategy: Complete the online lesson: https://classroom.thenational.acad emy/lessons/consolidation-and-application-part-1-cdk3ed	Consolidate addition and subtraction (renaming)  Learn the strategy: Complete the online lesson: https://classroom.thenational.acad emy/lessons/consolidation-and-application-part-2-6dk3cc	



10		Chapter 12: 3-D shapes				
Consolidate multiplication	Consolidate division	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.	
Learn the strategy: Complete the online lesson: https://classroom.thenational.acad emy/lessons/using-the- multiplication-symbol-c8vp2d	Learn the strategy: Complete the online lesson: https://classroom.thenational.acad emy/lessons/solving-division- problems-when-grouping-ccvp6r	Learn the strategy: https://classroom.thenational.acad emy/lessons/to-recognise-name- and-describe-3d-shapes- cnjkcd?step=1&activity=video Shape song: (go to slide 2) https://classroom.thenational.acad emy/lessons/to-recognise-name- and-describe-3d-shapes- cnjkcd?step=2&activity=worksheet	Learn the strategy: https://vimeo.com/408371827/78a 99b60b9	Learn the strategy: https://classroom.thenational.acad emy/lessons/identifying-2-d- shapes-on-the-surfaces-of-3d- shapes- 70wk8c?step=2&activity=video	Learn the strategy: https://classroom.thenational.acacemy/lessons/to-describe-and-classify-3d-shapes-70u3cc?step=2&activity=video	
11 Chapter 12: 3-D shapes	Chapter 13: Fractions		Chapter 13: Fractions			
Lesson 6: Making Patterns To make and recognise patterns using 3-D shapes.  Learn the strategy: https://vimeo.com/408891279	Recap Year 1 fraction lesson Textbook 1B, Chapter 14: Lesson 1: Making Halves Learn the strategy: https://classroom.thenational.acad emy/lessons/to-identify-one-half- of-a-shape- 60up2c?step=1&activity=video	Recap Year 1 fraction lesson Textbook 1B, Chapter 14: Lesson 2: Making Quarters Learn the strategy: https://classroom.thenational.acad emy/lessons/to-find-one-quarter- of-a-shape- c8r66c?step=2&activity=video	Lesson 1: Making Equal Parts To make equal parts from a whole using simple and complex methods. Learn the strategy: https://vimeo.com/414699075/ee4f e7fdc3  Then: https://vimeo.com/414700138/8688 1c1989  Finally: https://vimeo.com/414701467/8396 8e9dab	Lesson 2: Showing Half and Quarter To show and recognise halves and quarters.  Learn the strategy: https://vimeo.com/414763603/b28 2ddba96  Then: https://vimeo.com/414771640/012 ade7876	Lesson 3: Showing Quarters To show and identify more than one quarter using materials and pictures. Learn the strategy: https://vimeo.com/415437786/e53 e2b7af6	
12 Recap lessons to revise at Recap mental methods for addition  Complete the online lesson: https://classroom.thenational.acad emy/lessons/adding-two-diait-numbers-with-regrouping-6cup4r	Recap mental methods for subtraction  Complete the online lesson: https://classroom.thenational.academy/lessons/subtracting-2-digit-numbers-with-regrouping-caukad	Recap problem solving with addition and subtraction  Complete the online lesson: https://classroom.thenational.acad emy/lessons/addition-and- subtraction-word-problems-ccrp6e	Easter Break			