Year 3 bilingual summer home learning overview 2021-22

Quality First Education Trust

1 Summer term 1 2021-22	**Chapter 10: Picture Graphs and Bar Graphs**			**Recap year 2 Chapter 13: Fractions**	
Lesson 1: Drawing Picture Graphs To construct picture graphs from a set of data; to present data with pictures that represent more than one.	**Lesson 2: Drawing Bar Graphs** To construct bar graphs from a set of data; to use proportion to reflect precise difference in quantity.	**Lesson 3: Reading Bar Graphs** To read and interpret bar graph; to use and understand vocabulary related to bar graphs.	**Lesson 4: Reading Bar Graphs** To read bar graphs where the scale is not a multiple of all quantities measured.	**Year 2, Chapter 13: Lesson 13: Finding Part of a Set** To find fractions (half) of whole numbers.	**Year 2, Chapter 13: Lesson 14: Finding Part of a Set** To find a fraction (third) of a whole number. **Lesson 15: Finding Part of a Set** To find a fraction (quarter) of a number.
Introduction to pictograms/ picture graphs: https://classroom.thenational.academy/lessons/reading-and-understanding-pictograms-6xj62c?step=1&activity=video **Learn the strategy:** https://classroom.thenational.academy/lessons/constructing-pictograms-6rw6ar?step=2&activity=video **Or:** https://vimeo.com/410946328/97faa86596	**Learn the strategy:** https://vimeo.com/410949271/8c97786816	**Learn the strategy:** https://classroom.thenational.academy/lessons/reading-and-interpreting-bar-graphs-chhk6c?step=2&activity=video **Or:** https://vimeo.com/410210106/48511db543	**Learn the strategy: (up to 6 minutes and 6 seconds)** https://classroom.thenational.academy/lessons/reading-and-interpreting-bar-graphs-chhk6c?step=2&activity=video **Or:** https://vimeo.com/410211036/fdf0442e85	**Learn the strategy:** https://vimeo.com/420269459/7a8937fecc	**Learn the strategy:** https://vimeo.com/421472143/c24c37dc47 **Learn the strategy:** https://vimeo.com/421499646/babb77c141
2 Chapter 11: Fractions					
Lesson 1: Counting in Tenths To count in tenths; to recognise tenths and be able to determine how many tenths are shaded.	**Lesson 2: Making Number Pairs** To make number pairs to create 1; to combine fractions to make 1.	**Combined lesson:** **Lesson 3 and 4: Adding Fractions** To add fractions with the same denominator to 1.	**Lesson 5: Subtracting Fractions** To subtract fractions with the same name.	**Lesson 6: Finding Equivalent Fractions** To find equivalent fractions through paper folding and shading.	**Lesson 7: Finding Equivalent Fractions** To find equivalent fractions using paper folding and shading.
Learn the strategy: https://vimeo.com/412245221/90c9d59c28	**Learn the strategy:** https://vimeo.com/412341663/844c400f2e	**Learn the strategy:** https://vimeo.com/414683843/03a266864b **And:** https://vimeo.com/412710096/93cb56f6f9	**Learn the strategy:** https://vimeo.com/413036415/c5a4e1daa8	**Learn the strategy:** https://vimeo.com/414722907/0595d87f96	**Learn the strategy:** https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-2-ccr38c?step=2&activity=video
3 Chapter 11: Fractions					
Lesson 8: Finding Equivalent Fractions To find equivalent fractions; to place fractions on a number line.	**Lesson 9: Finding Equivalent Fractions** To find fractions equivalent to 1/2; use pictorial representations and multiplication to show equivalence.	**Lesson 10: Finding Equivalent Fractions** To find equivalent fractions using concrete objects and pictorial representations.	**Lesson 12: Finding the Simplest Fraction** To find the simplest fraction using visualisation and concrete materials.	**Lesson 13: Finding the Simplest Fraction** To find the simplest fraction using pictorial representations and division.	**Lesson 14: Finding Equivalent Fractions** To find equivalent fractions using multiplication and division; to determine whether or not a fraction is equivalent.
Learn the strategy: https://vimeo.com/415101199/90a01e78bb	**Learn the strategy:** https://vimeo.com/415104079/76c4efc622	**Learn the strategy:** https://vimeo.com/417189609/27188c0061	**Learn the strategy:** https://vimeo.com/417571675/8b956b3cbe	**Learn the strategy:** https://vimeo.com/417202640/0caa55b328	**Learn the strategy:** https://vimeo.com/417234426/0e869afbf9
Half term					

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4	Summer 2 2021-22 Chapter 11: Fractions				
Lesson 15: Comparing Fractions To compare the fractions 1/2 and 1/4 using pictorial representations and concrete materials.	**Lesson 16: Comparing Fractions** To compare fractions using pictorial representations; to understand the numerical nature of the numerator.	**Lesson 21: Finding Part of a Set** To determine a fraction of a whole number using pictorial representations.	**Lesson 22: Finding Part of a Set** To find a fraction of a whole number using pictorial representations, multiplication and concrete objects.	**Lesson 23: Finding the Fraction of a Number** To consolidate finding the fraction of a whole number.	**Lesson 24: Sharing One** To divide 1 between more than 1; to share 1 whole equally between more than 1.
Learn the strategy: https://vimeo.com/418053312/1280e10df4	**Learn the strategy:** https://classroom.thenational.academy/lessons/comparing-fractions-with-the-same-denominator-c4vkar?step=2&activity=video	**Learn the strategy:** **First:** https://vimeo.com/419965750/22fe324141 **Then:** https://vimeo.com/419968659/fc30253f01 **Finally:** https://vimeo.com/419974092/e35be4bbb5	**Learn the strategy:** https://vimeo.com/419958568/e1003a04ea	**Learn the strategy:** https://classroom.thenational.academy/lessons/to-find-unit-fractions-of-a-given-quantity-61k34t?step=2&activity=video	**Learn the strategy:** https://vimeo.com/420273555/3e1d294e77

5	Chapter 11: Fractions				Chapter 12: Angles
Lesson 25: Sharing More Than 1 To share more than 1 using pictorial representations and division.	**Lesson 26: Sharing More Than 1** To share more than 1; to recognise whole & parts in pictures & number lines.	**Lesson 27: Sharing More Than 1** To show more than 1 whole after sharing a number of items equally; to use pictorial representations to share whole items equally.	**Revisit addition and subtraction word problems: Solving word problems** To consolidate learning on formal addition & subtraction by word problems.	**Revisit addition & subtraction word problems: Solving word problems with unknown values** To answer addition & subtraction word problems with an unknown quantity.	**Lesson 5: Comparing Angles** To compare angles using terms 'right' angle & 'acute' angle; to identify acute as smaller than right angles.
Learn the strategy: https://vimeo.com/424772177/117473b18c	**Learn the strategy:** https://vimeo.com/424811874/91e2168891	**Learn the strategy:** **Use the video from yesterday as a reminder:** https://vimeo.com/424811874/91e2168891	**Complete the online lesson:** https://classroom.thenational.academy/lessons/solving-addition-and-subtraction-word-problems-6mw3ct	**Complete the online lesson:** https://classroom.thenational.academy/lessons/solving-word-problems-with-unknown-values-cgtpcd	**Learn the strategy:** https://classroom.thenational.academy/lessons/to-recognise-obtuse-and-acute-angles-ccwk6c?step=2&activity=video **And:** https://vimeo.com/427048508/9d1e2f502c

6	Chapter 12: Angles	Chapter 13: Lines and Shapes			Consolidation
Lesson 6: Comparing Angles To identify right and acute angles; to recognise & define an obtuse angle.	**Lesson 2: Identifying Parallel Lines** To identify, define and create parallel lines; to find parallel lines in everyday objects.	**Lesson 5: Drawing Two-Dimensional Shapes** To draw 2-D shapes in proportion to their size; to identify how big a shape is	**Combined lesson: Lesson 6: Making Three-Dimensional Shapes** To create 3-D shapes from nets; to use vocabulary related to 3-D shapes and their properties. **Lesson 7: Making Three-Dimensional Shapes** To construct 3-D shapes out of clay and discuss their properties.	**Revisit mental strategies: Using commutativity and associativity to multiply** To use known facts & laws of commutativity and associativity to multiply.	**Recap of addition and subtraction problems**
Learn the strategy: https://classroom.thenational.academy/lessons/to-recognise-obtuse-and-acute-angles-ccwk6c?step=2&activity=video **And:** https://vimeo.com/427048508/9d1e2f502c	**Learn the strategy:** https://classroom.thenational.academy/lessons/to-identify-and-explain-parallel-lines-cdh3ct?step=2&activity=video	**Learn the strategy:** https://classroom.thenational.academy/lessons/to-draw-2-d-shapes-based-on-their-properties-6xgk2c?step=2&activity=video	**Learn the strategy:** https://classroom.thenational.academy/lessons/to-describe-the-properties-of-3d-shapes-cdjkgd?step=2&activity=video	**Complete the online lesson:** https://classroom.thenational.academy/lessons/using-commutativity-and-associativity-to-multiply-71j38c	**Complete the online lesson:** https://classroom.thenational.academy/lessons/solving-word-problems-with-unknown-values-cgtpcd

7 Consolidation					
Revisit equivalent fractions: Recognising equivalent fractions (Part 2) In this lesson, we will continue to explore fractions with different denominators and numerators that are equal to each other, focusing on thirds and sixths.	**Revisit fractions: Fractions: To revise learning on fractions** In this lesson, we will be revising fractions.	**Revisit fractions: To revise learning on fractions** In this lesson, we will be revising fractions. Looking at fractions as equal parts of a whole, how these can be represented in different ways, as well as unit and non-unit fractions, adding and subtracting fractions with the same denominator and equivalent fractions.	**Revisit fractions: Adding fractions with the same denominator** In this lesson, we will be using your knowledge of addition to add fractions with the same denominator. We will use lots of different pictures of fractions, as well as the part/whole model to help us.	**Revisit fractions: Subtracting fractions with the same denominator** In this lesson, we will be using your knowledge of subtraction to take-away fractions with the same denominator. We will use lots of different pictures of fractions, as well as the part/whole model to help us.	**Revisit fractions of amounts: Finding non-unit fractions of quantities** In this lesson, we will revisit what a non-unit fraction is. We will then use a 'bar modelling' strategy to help us calculate non-unit fractions of amounts.
Complete the online lesson: https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-2-ccr38c	**Complete the online lesson:** https://classroom.thenational.academy/lessons/fractions-revising-fractions-6wtkac	**Complete the online lesson:** https://classroom.thenational.academy/lessons/fractions-revising-fractions-6wtkac	**Complete the online lesson:** https://classroom.thenational.academy/lessons/fractions-adding-fractions-with-the-same-denominator-c9k3jc	**Complete the online lesson:** https://classroom.thenational.academy/lessons/fractions-subtracting-fractions-with-the-same-denominator-c9jker	**Complete the online lesson:** https://classroom.thenational.academy/lessons/finding-non-unit-fractions-of-quantities-c5jp4d