

# Year 6 summer home learning overview 2021-22

1 Summer term 1 2021-22		Chapter 13: Position and Movement			
Bank Holiday	INSET day	<b>Lesson 4: Drawing Polygons on a Coordinate Grid</b> To draw polygons on a coordinate grid; to recognise polygons on a coordinate grid.	<b>Lesson 5: Describing Translations</b> To describe the translation of shapes on a coordinate grid.	<b>Lesson 6: Describing Reflections</b> To describe reflection using a mirror line and the terms 'object' and 'image'.	<b>Lesson 7: Describing Movements</b> To describe the movement of objects using the terms 'translation' and 'reflection'.
		<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/describing-coordinate-positions-on-a-grid-6h9pat?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/describing-coordinate-positions-on-a-grid-6h9pat?step=1&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/translating-simple-shapes-6h1pat?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/translating-simple-shapes-6h1pat?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/reflecting-simple-shapes-6mu3ec?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/reflecting-simple-shapes-6mu3ec?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://vimeo.com/429433263/714294bed">https://vimeo.com/429433263/714294bed</a>
2 Chapter 14: Graphs and Averages					
<b>ADDITIONAL LESSON: To illustrate and name parts of a circle</b> To identify the properties of a circle, name the parts and find out about the relationships between the parts.	<b>Lesson 1: Understanding Averages</b> To calculate the average (mean) of sets of values.	<b>Lesson 2: Calculating the Mean</b> To calculate the mean.	<b>Lesson 5: Showing Information on Graphs</b> To show information on graphs; to transfer information from a table to a pie chart.	<b>Lesson 6: Reading Pie Charts</b> To read and interpret pie charts.	<b>Lesson 7: Reading Pie Charts</b> To read and interpret pie charts; to use percentages in pie charts.
<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/coordinates-and-shapes-to-illustrate-and-name-parts-of-a-circle-69hkec">https://classroom.thenational.academy/lessons/coordinates-and-shapes-to-illustrate-and-name-parts-of-a-circle-69hkec</a>	<b>Learn the strategy:</b> <a href="https://vimeo.com/425117781/1c09ed8f53">https://vimeo.com/425117781/1c09ed8f53</a> <b>And:</b> <a href="https://vimeo.com/425117859/697298bc90">https://vimeo.com/425117859/697298bc90</a>	<b>Learn the strategy:</b> <a href="https://vimeo.com/425479084/0251b8b5d8">https://vimeo.com/425479084/0251b8b5d8</a> <b>And:</b> <a href="https://classroom.thenational.academy/lessons/interpret-mean-as-an-average-60f32d?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/interpret-mean-as-an-average-60f32d?step=1&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/tables-and-line-graphs-6xgk0f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/tables-and-line-graphs-6xgk0f?step=2&amp;activity=video</a> <b>And:</b> <a href="https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad?step=1&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Reminder from yesterday:</b> <a href="https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad?step=1&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/comparing-pie-charts-c5hpce?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/comparing-pie-charts-c5hpce?step=2&amp;activity=video</a>
3 Chapter 14: Graphs and Averages					
May bank holiday	<b>Lesson 9: Reading Line Graphs</b> To read line graphs; to interpret the information in line graphs.	<b>Lesson 10: Reading Line Graphs</b> To read & interpret line graphs; to answer questions about the graph information.	<b>Recap Roman Numerals: Investigating Roman Numerals up to 100</b> In this lesson, we will be identifying the way to write the corresponding Roman numerals for values between 1 and 100.	<b>Lesson 1: Writing Roman Numerals to &amp; in thousands</b> To write Roman numerals to 1000.	<b>Lesson 2: Writing Roman Numerals to &amp; in thousands</b> To write numbers in their thousands in Roman numerals.
	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/interpret-line-graphs-chk38d?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/interpret-line-graphs-chk38d?step=2&amp;activity=video</a>	<b>Learn the strategy: (up to 13 minutes and 18 seconds)</b> <a href="https://classroom.thenational.academy/lessons/construct-line-graphs-74vk0d?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/construct-line-graphs-74vk0d?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-100-6quk8c">https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-100-6quk8c</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-1000-61k32r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-1000-61k32r?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/solving-problems-involving-roman-numerals-6gt36d?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/solving-problems-involving-roman-numerals-6gt36d?step=2&amp;activity=video</a>

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<b>4 Consolidation</b>					
Revisit addition strategies	Revisit subtraction strategies	Revisit addition and subtraction	Revisit multiplication and division (including multi-step word problems and measures)	Revisit formal methods using measures word problems (incl. converting measures)	Revisit order of operations
<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/strategies-for-addition-6njk4d">https://classroom.thenational.academy/lessons/strategies-for-addition-6njk4d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/strategies-for-subtraction-6mv32d">https://classroom.thenational.academy/lessons/strategies-for-subtraction-6mv32d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/applying-addition-and-subtraction-74tp2d">https://classroom.thenational.academy/lessons/applying-addition-and-subtraction-74tp2d</a>	<b>Complete the online lesson</b> <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-division-with-remainders-part-1-6hjp6t">https://classroom.thenational.academy/lessons/solve-problems-involving-division-with-remainders-part-1-6hjp6t</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-solving-problems-including-the-conversion-of-standard-units-of-measure-6nhp8e">https://classroom.thenational.academy/lessons/decimals-and-measures-solving-problems-including-the-conversion-of-standard-units-of-measure-6nhp8e</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/order-of-operations-ctk3et">https://classroom.thenational.academy/lessons/order-of-operations-ctk3et</a>
<b>5 Consolidation</b>					
Revisit order of operations	Embed fractions	Revisit unit fractions of amounts (reinforcing 'of' means multiply)	Revisit non-unit fractions of amounts:	Revisit fractions of amounts	Revisit percentages of amounts
<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/consolidating-order-of-operations-68t34d">https://classroom.thenational.academy/lessons/consolidating-order-of-operations-68t34d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/fractions-multiply-and-divide-with-improper-fractions-74tk8c">https://classroom.thenational.academy/lessons/fractions-multiply-and-divide-with-improper-fractions-74tk8c</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/to-find-unit-fractions-of-a-given-quantity-61k34t">https://classroom.thenational.academy/lessons/to-find-unit-fractions-of-a-given-quantity-61k34t</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/finding-non-unit-fractions-of-quantities-c5jp4d">https://classroom.thenational.academy/lessons/finding-non-unit-fractions-of-quantities-c5jp4d</a>	<b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/fractions-of-quantities-1-6wuk6r">https://classroom.thenational.academy/lessons/fractions-of-quantities-1-6wuk6r</a>  <b>Then:</b> <a href="https://classroom.thenational.academy/lessons/fractions-of-quantities-part-2-cmt36t">https://classroom.thenational.academy/lessons/fractions-of-quantities-part-2-cmt36t</a>	<b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/finding-percent-of-a-quantity-6xh36d">https://classroom.thenational.academy/lessons/finding-percent-of-a-quantity-6xh36d</a>  <b>Then:</b> <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-the-calculation-of-percentages-of-amounts-c5gkge">https://classroom.thenational.academy/lessons/solve-problems-involving-the-calculation-of-percentages-of-amounts-c5gkge</a>
<b>6 Consolidation</b>					
Revisit problem solving with percentages:	Revisit fractions, decimals and percentage problems	Revisit co-ordinates: Solving practical coordinate problems Solving problems involving coordinates.	Revisit interpreting graphs: Interpret Line Graphs In today's lesson, we will explore discrete and cumulative data and interpret different types of line graphs.	Revisit graphs and data: Interpret Pie Charts In today's lesson, we will learn to interpret pie charts.	Revisit converting units of time To convert between units of time, look at equivalent times and then solve problems involving time.
<b>Learn the strategy:</b> <b>Complete the online lesson</b> <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-the-use-of-percentages-for-comparison-6mtk6t">https://classroom.thenational.academy/lessons/solve-problems-involving-the-use-of-percentages-for-comparison-6mtk6t</a>	<b>Learn the strategy:</b> <b>Complete the online lesson</b> <a href="https://classroom.thenational.academy/lessons/recall-and-use-equivalences-between-fractions-decimals-and-percentages-6dh6cc">https://classroom.thenational.academy/lessons/recall-and-use-equivalences-between-fractions-decimals-and-percentages-6dh6cc</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solving-practical-coordinate-problems-part-1-c9h3ec">https://classroom.thenational.academy/lessons/solving-practical-coordinate-problems-part-1-c9h3ec</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/interpret-line-graphs-chk38d">https://classroom.thenational.academy/lessons/interpret-line-graphs-chk38d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad">https://classroom.thenational.academy/lessons/interpret-pie-charts-ccr6ad</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-convert-between-units-of-time-c4r66c">https://classroom.thenational.academy/lessons/decimals-and-measures-convert-between-units-of-time-c4r66c</a>

# Year 6 summer home learning overview 2021-22

Summer term 2 2021-22					
<b>1 Consolidation</b>					
<b>Revisit understanding other powers of ten within one-million</b> To begin to understand the magnitude of one million.	<b>Revisit estimating and rounding contexts</b> Developing number sense and applying the skills of rounding and estimating linked to everyday situations.	<b>Revisit rounding to a required degree of accuracy</b> To explore rounding 7-digit numbers to the nearest multiple of 100,000 with varying degrees of accuracy.	<b>Revisit formal division methods with remainders</b>	<b>Revisit dividing with remainders in different contexts (part 1)</b>	<b>Revisit dividing with remainders in different contexts (part 2)</b>
<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/understanding-other-powers-of-ten-within-one-million-6dh64r">https://classroom.thenational.academy/lessons/understanding-other-powers-of-ten-within-one-million-6dh64r</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/estimating-and-rounding-contexts-6gw34d">https://classroom.thenational.academy/lessons/estimating-and-rounding-contexts-6gw34d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/rounding-to-a-required-degree-of-accuracy-6wu32t">https://classroom.thenational.academy/lessons/rounding-to-a-required-degree-of-accuracy-6wu32t</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solving-problems-involving-division-with-remainders-part-2-6muk4d">https://classroom.thenational.academy/lessons/solving-problems-involving-division-with-remainders-part-2-6muk4d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-1-chj3et">https://classroom.thenational.academy/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-1-chj3et</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-2-ccu32d">https://classroom.thenational.academy/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-2-ccu32d</a>
<b>2 Consolidation</b>					
<b>Revisit 'common factor' and 'common multiple' as properties of a number</b> Exploring factors and multiples of numbers, including identifying common factors and multiples.	<b>Revisit decimals and measures: Convert between standard measures</b> Converting between grams and kilograms and problems involving mass.	<b>Revisit scaling: Solve problems involving scale factor in shapes</b> In today's lesson, we will solve problems involving scale factor.	<b>Revisit scaling: Solve problems involving the relative size of two quantities (Part 1)</b> In this lesson, we will solve problems involving the relative size of two quantities.	<b>Revisit scaling: Solve problems involving the relative size of two quantities (Part 2)</b> In this lesson, we will solve problems involving the relative size of two quantities, where multi-step scaling is necessary.	<b>Revisit ratio: Use ratio to express relationships</b> In today's lesson, we will use ratio to express relationships.
<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-ck68c">https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-ck68c</a>	<b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-convert-between-standard-measures-6cupac">https://classroom.thenational.academy/lessons/decimals-and-measures-convert-between-standard-measures-6cupac</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-scale-factor-in-shapes-c4u3ar">https://classroom.thenational.academy/lessons/solve-problems-involving-scale-factor-in-shapes-c4u3ar</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-the-relative-size-of-two-quantities-part-1-68r6ac">https://classroom.thenational.academy/lessons/solve-problems-involving-the-relative-size-of-two-quantities-part-1-68r6ac</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solve-problems-involving-the-relative-size-of-two-quantities-part-2-61k68d">https://classroom.thenational.academy/lessons/solve-problems-involving-the-relative-size-of-two-quantities-part-2-61k68d</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/use-ratio-to-express-relationships-70tpad">https://classroom.thenational.academy/lessons/use-ratio-to-express-relationships-70tpad</a>
<b>3 Consolidation</b>					
<b>Revisit problem solving using ratio and scaling</b>	<b>Revisit number: Balancing equations to find unknown values</b> To balance equations to find unknown values. To use the image of a see-saw to think about equivalent calculations, level = equal (equivalent) to each other.	<b>Revisit finding an unknown addend</b> To find an unknown addend when the sum is changed.	<b>Revisit decimal equivalents of fractions</b> Converting a fraction to a decimal using different strategies.	<b>Revisit finding Equivalent Fractions</b> To explore the relationship between the numerator and denominator (between and within fractions), find factors and simplifying fractions	<b>Revisit representing fractions</b>
<b>Complete the online lesson</b> <a href="https://classroom.thenational.academy/lessons/ratio-problems-c5hk4r">https://classroom.thenational.academy/lessons/ratio-problems-c5hk4r</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/balancing-equations-to-find-unknown-values-6nk3qe">https://classroom.thenational.academy/lessons/balancing-equations-to-find-unknown-values-6nk3qe</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/find-an-unknown-addend-70vkae">https://classroom.thenational.academy/lessons/find-an-unknown-addend-70vkae</a>	<b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/decimal-equivalents-of-fractions-cn32r">https://classroom.thenational.academy/lessons/decimal-equivalents-of-fractions-cn32r</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/understanding-equivalence-75hkge">https://classroom.thenational.academy/lessons/understanding-equivalence-75hkge</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/to-identify-describe-and-represent-fractions-ccw3ee">https://classroom.thenational.academy/lessons/to-identify-describe-and-represent-fractions-ccw3ee</a>

# Year 6 summer home learning overview 2021-22

4 Consolidation					
<p><b>Recap comparing fractions less than 1</b></p>	<p><b>Recap fractions greater than 1</b></p>	<p><b>Revisit addition and subtraction of fractions</b></p>	<p><b>Revisit fractions: Multiply and divide with improper fractions</b> In today's lesson, we will learn strategies for multiplying and dividing with mixed numbers and improper fractions.</p>	<p><b>Revisit fractions: Solve fraction problems with the four operations</b> In today's lesson, we will revise calculating with fractions using the four operations and then apply this to word problems.</p>	<p><b>Revisit fractions: Fractions problem solving</b> To solve fraction problems relating to shape, including calculating the perimeter and finding missing lengths.</p>
<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/compare-fractions-less-than-one-c4ukcc">https://classroom.thenational.academy/lessons/compare-fractions-less-than-one-c4ukcc</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/compare-fractions-greater-than-one-c8vkgq">https://classroom.thenational.academy/lessons/compare-fractions-greater-than-one-c8vkgq</a></p>	<p><b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/add-fractions-cn3ar">https://classroom.thenational.academy/lessons/add-fractions-cn3ar</a></p> <p><b>Then:</b> <a href="https://classroom.thenational.academy/lessons/subtract-fractions-6hh66r">https://classroom.thenational.academy/lessons/subtract-fractions-6hh66r</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/fractions-multiply-and-divide-with-improper-fractions-74tk8c">https://classroom.thenational.academy/lessons/fractions-multiply-and-divide-with-improper-fractions-74tk8c</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/fractions-solve-fraction-problems-with-the-four-operations-cgrk0d">https://classroom.thenational.academy/lessons/fractions-solve-fraction-problems-with-the-four-operations-cgrk0d</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/fractions-problem-solving-c9k38d">https://classroom.thenational.academy/lessons/fractions-problem-solving-c9k38d</a></p>
5 Consolidation					
<p><b>Revisit comparing Fractions Greater Than One</b> To explore improper fractions and mixed numbers, including converting between the two.</p>	<p><b>Revisit comparing and classifying triangles</b> To compare and classify triangles, looking at how to recognise the different types of triangles and the sum of the angles in a triangle.</p>	<p><b>Revisit comparing and classifying quadrilaterals</b> In this lesson, we will classify different types of quadrilateral and learn about the sum of their internal angles.</p>	<p><b>Revisit finding unknown angles in triangles</b> To represent the angles in a triangle pictorially and algebraically before learning how to calculate missing angles.</p>	<p><b>Revisit finding the value of missing angles in quadrilaterals</b> To represent the angles in a quadrilateral pictorially and algebraically before learning how to calculate missing angles.</p>	<p><b>Revisit coordinates and shapes: To solve practical problems involving circles</b> To identify relationships between circle parts and then solve problems involving circles.</p>
<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/compare-fractions-greater-than-one-c8vkgq">https://classroom.thenational.academy/lessons/compare-fractions-greater-than-one-c8vkgq</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/compare-and-classify-triangles-6mu6at">https://classroom.thenational.academy/lessons/compare-and-classify-triangles-6mu6at</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/compare-and-classify-quadrilaterals-71h38c">https://classroom.thenational.academy/lessons/compare-and-classify-quadrilaterals-71h38c</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/find-unknown-angles-in-triangles-6tgkcd">https://classroom.thenational.academy/lessons/find-unknown-angles-in-triangles-6tgkcd</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/find-the-value-of-missing-angles-in-quadrilaterals-cdqk0r">https://classroom.thenational.academy/lessons/find-the-value-of-missing-angles-in-quadrilaterals-cdqk0r</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/coordinates-and-shapes-to-solve-practical-problems-involving-circles-68u36d">https://classroom.thenational.academy/lessons/coordinates-and-shapes-to-solve-practical-problems-involving-circles-68u36d</a></p>
6 Consolidation					
<p><b>Revisit geometry: Find the value of missing angles</b> Deepening understanding of angles by applying your understanding to find and calculate missing angles within diagrams and 2-D shapes.</p>	<p><b>Revisit decimals and measures: Convert standard lengths</b> In today's lesson, we will convert between standard units of length - millimetres, centimetres, metres and kilometres.</p>	<p><b>Revisit problem solving with decimal amounts</b> To solve problems with decimals through bar models in a variety of real life contexts, converting units of measurement where appropriate.</p>	<p><b>Revisit problem solving, including converting measures</b> To investigate word problems that challenge us to convert between various units of measures previously covered in the unit.</p>	<p><b>Revisit negative numbers through co-ordinates: Solving practical coordinate problems (Part 2)</b> In today's lesson, we will use the general rules that we learnt in lesson four of this unit to solve more complex problems involving coordinates.</p>	<p><b>Revisit algebra: Expressing missing numbers algebraically</b> In this lesson we will be finding the unknown values in algebraic expressions.</p>
<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/find-the-value-of-missing-angles-6cr3je">https://classroom.thenational.academy/lessons/find-the-value-of-missing-angles-6cr3je</a></p>	<p><b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-convert-standard-lengths-60tkad">https://classroom.thenational.academy/lessons/decimals-and-measures-convert-standard-lengths-60tkad</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/problem-solving-with-decimals-in-context-60u3gd">https://classroom.thenational.academy/lessons/problem-solving-with-decimals-in-context-60u3gd</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solving-problems-involving-various-units-of-measure-68v3ae">https://classroom.thenational.academy/lessons/solving-problems-involving-various-units-of-measure-68v3ae</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/solving-practical-coordinate-problems-part-2-6hh34e">https://classroom.thenational.academy/lessons/solving-practical-coordinate-problems-part-2-6hh34e</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/expressing-missing-numbers-algebraically-ccwpc">https://classroom.thenational.academy/lessons/expressing-missing-numbers-algebraically-ccwpc</a></p>

## Year 6 summer home learning overview 2021-22

7 Consolidation					
<p><b>Revisit measures problems: Decimals and measures: Solving problems with length</b> In today's lesson, we will solve problems involving calculating the area and perimeter of rectilinear shapes, including compound rectilinear shapes, where the conversion of measure is needed.</p>	<p><b>Revisit measures problems: Decimals and measures: calculation and conversion of units of area</b> In today's lesson, we will be investigating the relationship between square millimetres, centimetres and metres, then apply this understanding to calculating area.</p>	<p><b>Revisit decimals and measures: Standard Units</b> In today's lesson, we will learn to select and estimate the correct unit of measure and read scales measuring length, mass and volume.</p>	Catch up time	Catch up time	
<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-solving-problems-with-length-cdk32e">https://classroom.thenational.academy/lessons/decimals-and-measures-solving-problems-with-length-cdk32e</a></p>	<p><b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-calculation-and-conversion-of-units-of-area-c4ukar">https://classroom.thenational.academy/lessons/decimals-and-measures-calculation-and-conversion-of-units-of-area-c4ukar</a></p>	<p><b>Complete the online lessons:</b> <a href="https://classroom.thenational.academy/lessons/decimals-and-measures-standard-units-cdj0r">https://classroom.thenational.academy/lessons/decimals-and-measures-standard-units-cdj0r</a></p>			