

# Year 3 spring home learning overview 2020-21

1 Spring term 2020-21					
INSET day	Chapter 5: Length				Chapter 6: Mass
	<b>Lesson 6 and 7: Solving Word Problems COMBINED LESSONS</b> To solve measurement-related word problems.	<b>Consolidate multiplication and division</b>	<b>Lesson 8: Solving Word Problems</b> To solve word problems further, involving multiplication.	<b>Lesson 9: Solving Word Problems</b> To solve word problems associated with length using division.	<b>Lesson 1: Reading Weighing Scales</b> To measure mass using weighing scales and compare mass of objects using g & kg..
	<b>Learn the strategy:</b> <b>Addition:</b> <a href="https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-regrouping-in-multiple-columns-74u3ce">https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-regrouping-in-multiple-columns-74u3ce</a> <b>Subtraction:</b> <a href="https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-in-multiple-columns-74rkce">https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-in-multiple-columns-74rkce</a> <b>Or: (up to 5 minutes and 5 seconds)</b> <a href="https://vimeo.com/434627490/1c946c18c9">https://vimeo.com/434627490/1c946c18c9</a>	<b>Learn the strategy: Reminder of formal methods:</b> <b>Multiplication:</b> <a href="https://vimeo.com/431758029/7fce98149a">https://vimeo.com/431758029/7fce98149a</a> <b>Or:</b> <a href="https://vimeo.com/431761006/9c541b822b">https://vimeo.com/431761006/9c541b822b</a> <b>Division: (up to 4 minutes and 35 seconds)</b> <a href="https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-digit-div-2/v/division-2">https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-digit-div-2/v/division-2</a> <b>Or:</b> <a href="https://vimeo.com/434656077/f90610feec">https://vimeo.com/434656077/f90610feec</a>	<b>Learn the strategy:</b> <b>Reminder of formal methods:</b> <b>Multiplication:</b> <a href="https://vimeo.com/431758029/7fce98149a">https://vimeo.com/431758029/7fce98149a</a> <b>Or: https://vimeo.com/431761006/9c541b822b</b> <b>Division:</b> <a href="https://vimeo.com/434656077/f90610feec">https://vimeo.com/434656077/f90610feec</a>		<b>Learn the strategy:</b> <b>Intro:</b> <a href="https://www.khanacademy.org/math/cc-third-grade-math/imp-measurement-and-data/imp-mass/v/intuition-for-grams">https://www.khanacademy.org/math/cc-third-grade-math/imp-measurement-and-data/imp-mass/v/intuition-for-grams</a> <b>Reading mass:</b> <a href="https://classroom.thenational.academy/lessons/grams-and-interpreting-scales-75j3gt?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/grams-and-interpreting-scales-75j3gt?step=2&amp;activity=video</a>
2 Chapter 6: Mass					
<b>Lesson 2: Reading Weighing Scales</b> To use weighing scales to measure mass - the mass is between multiples of 100 g.	<b>Lesson 3: Reading Weighing Scales</b> To read values on a scale which are 1 kg or more.	<b>Lesson 4: Reading Weighing Scales</b> To weigh heavier items where the markers on the scales represent 200 g each.	<b>Consolidate formal addition and subtraction</b>	<b>Lesson 5: Solving Word Problems</b> To solve word problems relating to mass with addition and subtraction.	<b>Consolidate multiplication and division</b>
<b>Learn the strategy: (from yesterday)</b> <a href="https://classroom.thenational.academy/lessons/grams-and-interpreting-scales-75j3gt?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/grams-and-interpreting-scales-75j3gt?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/weighing-and-comparing-masses-in-mixed-units-c8tpcd?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/weighing-and-comparing-masses-in-mixed-units-c8tpcd?step=2&amp;activity=video</a>	<b>Learn the strategy: (8 minutes and 48 seconds)</b> <a href="https://classroom.thenational.academy/lessons/reading-weighing-scales-with-different-intervals-c4rk6c?step=1&amp;activity=video">https://classroom.thenational.academy/lessons/reading-weighing-scales-with-different-intervals-c4rk6c?step=1&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Addition:</b> <a href="https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-regrouping-in-multiple-columns-74u3ce">https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-regrouping-in-multiple-columns-74u3ce</a> <b>Subtraction:</b> <a href="https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-in-multiple-columns-74rkce">https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-in-multiple-columns-74rkce</a> <b>Or: (up to 5 minutes and 5 seconds)</b> <a href="https://vimeo.com/434627490/1c946c18c9">https://vimeo.com/434627490/1c946c18c9</a>		<b>Learn the strategy:</b> <b>Multiplication:</b> <a href="https://vimeo.com/434659605/8cef b281bb">https://vimeo.com/434659605/8cef b281bb</a> <b>Division:</b> <a href="https://vimeo.com/434656077/f90610feec">https://vimeo.com/434656077/f90610feec</a>
3 Chapter 6: Mass					
<b>Lesson 6: Solving Word Problems</b> To solve word problems relating to mass using multiplication.	<b>Lesson 7: Solving Word Problems</b> To solve word problems relating to mass using division.	<b>MNP Year 3 mid-year revision 3A assessment</b>	<b>MNP Year 3 mid-year revision 3A assessment</b>	<b>Chapter 7: Volume</b>	
				<b>Lesson 1: Measuring Volume in Millilitres</b> To measure volume in millilitres.	<b>Lesson 2: Measuring Capacity in Millilitres</b> To measure capacity in millilitres.
<b>Learn the strategy:</b> <a href="https://vimeo.com/434659605/8cef b281bb">https://vimeo.com/434659605/8cef b281bb</a>	<b>Learn the strategy:</b> <a href="https://vimeo.com/434656077/f90610feec">https://vimeo.com/434656077/f90610feec</a> <b>Or use this method:</b> <a href="https://vimeo.com/497723397">https://vimeo.com/497723397</a>	<b>Complete workbook 3A mid-year revision section A and part of section B, questions 1-28.</b>	<b>Complete workbook 3A mid-year revision reminder of section B and section C, questions 29-45.</b>	<b>Learn the strategy:</b> <b>Introduction to volume and capacity:</b> <a href="https://classroom.thenational.academy/lessons/estimating-and-measuring-in-litres-70v3at?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/estimating-and-measuring-in-litres-70v3at?step=2&amp;activity=video</a> <b>(up to 3 minutes 55 seconds)</b> <a href="https://classroom.thenational.academy/lessons/comparing-millilitres-and-litres-using-fractions-cdk32a?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/comparing-millilitres-and-litres-using-fractions-cdk32a?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/measuring-using-millilitres-6mvkec?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/measuring-using-millilitres-6mvkec?step=2&amp;activity=video</a>

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<b>4 Chapter 7: Volume</b>					
<b>Lesson 3: Measuring Volume in Millilitres and Litres</b> To measure volume using millilitres and litres.	<b>Lesson 4: Measuring Capacity in Millilitres and Litres</b> To measure volume in millilitres & litres from a 'homemade' bottle with markings.	<b>Lesson 5: Writing Volume in Litres and Millilitres</b> To measure volume using millilitres and litres in comparison to 1 l.	<b>Lesson 6: Writing Capacity in Litres and Millilitres</b> To measure larger capacity in litres and millilitres.	<b>Multiplication using partitioning methods</b>	<b>Lesson 7: Solving Word Problems</b> To solve basic word problems related to volume.
<b>Learn the strategy: (up to 5 minutes and 44 seconds)</b> <a href="https://classroom.thenational.academy/lessons/measuring-volume-cmwkd?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/measuring-volume-cmwkd?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/measuring-and-comparing-capacities-in-mixed-units-65gk2d?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/measuring-and-comparing-capacities-in-mixed-units-65gk2d?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/solving-word-problems-about-capacity-and-volume-part-1-6rtk0c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/solving-word-problems-about-capacity-and-volume-part-1-6rtk0c?step=2&amp;activity=video</a>	<b>Learn the strategy: (from 5 minutes and 9 seconds)</b> <a href="https://classroom.thenational.academy/lessons/consolidating-and-reviewing-learning-on-capacity-and-volume-cdhp2r?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/consolidating-and-reviewing-learning-on-capacity-and-volume-cdhp2r?step=2&amp;activity=video</a>	<b>Complete the online lesson:</b> <a href="https://classroom.thenational.academy/lessons/multiply-2-digit-numbers-by-8-using-the-partitioning-method-6nj3at">https://classroom.thenational.academy/lessons/multiply-2-digit-numbers-by-8-using-the-partitioning-method-6nj3at</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/solving-word-problems-about-capacity-and-volume-part-2-75gkae?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/solving-word-problems-about-capacity-and-volume-part-2-75gkae?step=2&amp;activity=video</a>
<b>5 Chapter 7: Volume</b>		<b>Chapter 8: Money</b>			
<b>Lesson 8: Solving Word Problems</b> To solve more word problems.	<b>Lesson 9: Solving Word Problems</b> To solve word problems through division. <i>Deepening: Lesson 10 – Solving Word Problems</i>	<b>Lesson 1: Naming Amounts of Money</b> To consolidate previous learning about denominations of both notes & coins; to use simple addition to count amounts of money.	<b>Lesson 2: Naming Amounts of Money</b> To name amounts of money including coins adding to more than 100p; to regroup and rename 100p as £1 as a key strategy.	<b>Lesson 3 : Showing Amounts of Money</b> To find multiple ways of showing an amount of money.	<b>Lesson 4 : Adding Money</b> To add money by adding together the pounds and pence separately.
<b>Learn the strategy: up to 5 minutes and 51 seconds)</b> <a href="https://classroom.thenational.academy/lessons/solving-problems-using-measures-69j32f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/solving-problems-using-measures-69j32f?step=2&amp;activity=video</a>	<b>Learn the strategy: (use the same strategies for problem solving with mass, length and capacity)</b> <a href="https://classroom.thenational.academy/lessons/drawing-bar-models-to-represent-multiplication-and-division-word-problems-cct3gc?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/drawing-bar-models-to-represent-multiplication-and-division-word-problems-cct3gc?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/to-recognise-the-value-of-different-coins-and-notes-65j64e?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/to-recognise-the-value-of-different-coins-and-notes-65j64e?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/counting-money-in-a-set-of-coins-65h32d?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/counting-money-in-a-set-of-coins-65h32d?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/using-the-fewest-amount-of-coins-and-notes-71k64c?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/using-the-fewest-amount-of-coins-and-notes-71k64c?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/adding-money-in-different-ways-60w3jt?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/adding-money-in-different-ways-60w3jt?step=2&amp;activity=video</a>
<b>6 Chapter 8: Money</b>					
<b>Lesson 5: Adding Money</b> To add amounts of money together using different methods; to consolidate the addition of pounds and pence separately.	<b>Lesson 6: Adding Money</b> To consolidate 'making a pound' as a strategy for adding amounts of money where the coins equal more than 99p.	<b>Lesson 7: Adding Money</b> To learn the 'make a pound' strategy with number bond diagrams; to consolidate the strategies associated with the addition of money.	<b>Lesson 8: Subtracting Money</b> To use multiple methods for subtracting amounts of money, including concrete materials and the column method.	<b>Lesson 9 : Subtracting Money</b> To use visual comparison to subtract amounts of money; to consolidate column subtraction where there is no regrouping of pence required.	<b>Catch up time</b>
<b>Learn the strategy:</b> <b>Column addition reminder:</b> <a href="https://www.khanacademy.org/math/cc-2nd-grade-math/cc-2nd-add-subtract-100/cc-2nd-add-100/v/addition-with-regrouping">https://www.khanacademy.org/math/cc-2nd-grade-math/cc-2nd-add-subtract-100/cc-2nd-add-100/v/addition-with-regrouping</a>  <b>Number bond method: (up to 4 minutes and 43 seconds)</b> <a href="https://classroom.thenational.academy/lessons/applying-number-bonds-within-twenty-to-add-and-subtract-c8v32f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/applying-number-bonds-within-twenty-to-add-and-subtract-c8v32f?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Coins and notes reminder: (up to 10 minutes and 14 seconds)</b> <a href="https://classroom.thenational.academy/lessons/coins-and-notes-6wup4f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/coins-and-notes-6wup4f?step=2&amp;activity=video</a>  <b>Column addition reminder:</b> <a href="https://www.khanacademy.org/math/cc-2nd-grade-math/cc-2nd-add-subtract-100/cc-2nd-add-100/v/addition-with-regrouping">https://www.khanacademy.org/math/cc-2nd-grade-math/cc-2nd-add-subtract-100/cc-2nd-add-100/v/addition-with-regrouping</a>		<b>Learn the strategy:</b> <a href="https://classroom.thenational.academy/lessons/giving-change-cct3ge?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/giving-change-cct3ge?step=2&amp;activity=video</a>	<b>Learn the strategy:</b> <b>Column subtraction reminder:</b> <a href="https://www.khanacademy.org/math/early-math/cc-early-math-add-sub-100/cc-early-math-sub-two-dig-intro/v/subtracting-2-digit-numbers-without-regrouping">https://www.khanacademy.org/math/early-math/cc-early-math-add-sub-100/cc-early-math-sub-two-dig-intro/v/subtracting-2-digit-numbers-without-regrouping</a>  <b>Number bond method: (from 4 minutes and 44 seconds)</b> <a href="https://classroom.thenational.academy/lessons/applying-number-bonds-within-twenty-to-add-and-subtract-c8v32f?step=2&amp;activity=video">https://classroom.thenational.academy/lessons/applying-number-bonds-within-twenty-to-add-and-subtract-c8v32f?step=2&amp;activity=video</a>	