

Maths Medium-term planning 2020-21
Autumn Term 2



<u>W/C.</u>	<u>Area to be studied</u>	<u>Main Learning intentions</u>	<u>Y2 Home Learning</u>	<u>Y3 Home Learning</u>
2.11.20	Addition and Subtraction	<p>Y2 Add and subtract using written and mental methods: A 2-digit number and ones; a 2-digit number and tens; two 2-digit numbers; adding three 1-digit numbers. Understand that addition calculations are commutative and subtraction calculations are not.</p> <p>Y3 Use formal written methods to solve calculations which cross the tens. Subtract a 1-digit number from 2-digits - crossing 10 Subtract a 1-digit number from a 3-digit number - crossing 10 Add and subtract 3-digit and 2-digit numbers - not crossing 100 Add 3-digit and 2-digit numbers - crossing 100 Subtract a 2-digit number from a 3-digit number - crossing 100</p>	<p>https://classroom.thenational.academy/lessons/exploring-2-digit-numbers-by-grouping-in-tens-69hp4e</p> <p>https://classroom.thenational.academy/lessons/applying-make-ten-to-differences-part-1-c9j66d</p> <p>https://classroom.thenational.academy/lessons/applying-make-ten-to-differences-part-2-68t30e</p> <p>https://classroom.thenational.academy/lessons/writing-equations-to-show-comparison-part-1-70uk6e</p> <p>https://classroom.thenational.academy/lessons/writing-equations-to-show-comparison-part-2-6nj3ec</p>	<p>https://classroom.thenational.academy/lessons/adding-multiples-of-10-to-3-digit-numbers-cgwp6d</p> <p>https://classroom.thenational.academy/lessons/subtracting-multiples-of-10-from-3-digit-numbers-61k34t</p> <p>https://classroom.thenational.academy/lessons/adding-and-subtracting-multiples-of-100-to-from-3-digit-numbers-crw62d</p> <p>https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-without-regrouping-c4uk8r</p>

9.11.20	Addition and Subtraction	<p>Y2</p> <p>Recognise the inverse relationship and use this to solve missing number problems.</p> <p>Number bonds to 100 in tens and ones.</p> <p>Y3</p> <p>Estimate answers and use the inverse to check calculations and solve missing number problems.</p> <p>Solve more complex problems using number facts and place value.</p>	<p>https://classroom.thenational.academy/lessons/solving-comparison-problems-part-1-crw34r</p> <p>https://classroom.thenational.academy/lessons/solving-comparison-problems-part-2-75j3jr</p> <p>https://classroom.thenational.academy/lessons/word-problems-whole-part-models-75h3er</p> <p>https://classroom.thenational.academy/lessons/word-problems-bar-models-cngk2e</p>	<p>https://classroom.thenational.academy/lessons/subtracting-two-3-digit-numbers-without-regrouping-60r3cc</p> <p>https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-regrouping-in-one-column-cmt64e</p> <p>https://classroom.thenational.academy/lessons/adding-two-3-digit-numbers-regrouping-in-multiple-columns-74u3ce</p>
16.11.20	Addition and Subtraction	<p>Consolidate addition and subtraction mental and written methods.</p> <p>Solve problems using taught methods.</p>	<p>https://classroom.thenational.academy/lessons/to-apply-knowledge-of-number-bonds-c4v6cc</p> <p>https://classroom.thenational.academy/lessons/to-add-two-digit-numbers-and-ones-65j36d</p> <p>https://classroom.thenational.academy/lessons/to-subtract-two-digit-numbers-and-ones-65h62c</p>	<p>https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-tens-to-ones-cgwk8t</p> <p>https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-hundreds-to-tens-c9h66t</p> <p>https://classroom.thenational.academy/lessons/subtracting-3-digit-numbers-regrouping-in-multiple-columns-74rkce</p>

23.II.20	Multiplication	<p>Y2 Recall and use multiplication facts for the 2, 5, 10x tables. Correctly identify and write the symbols used in multiplication. Solve multiplication problems using written methods, arrays, repeated addition and in context.</p> <p>Y3 Recall and use multiplication facts for the 3, 4 and 8x tables. Write and calculate multiplication problems using increasingly formal written methods.</p>	https://classroom.thenational.academy/lessons/to-recognise-and-add-equal-groups-cgr68d https://classroom.thenational.academy/lessons/to-add-equal-groups-6thkat https://classroom.thenational.academy/lessons/to-solve-problems-using-repeated-patterns-c4w32t https://classroom.thenational.academy/lessons/to-share-a-total-equally-between-a-set-number-of-groups-6cu3cd	https://classroom.thenational.academy/lessons/recalling-the-3-times-table-c8tp4d https://classroom.thenational.academy/lessons/recalling-the-4-times-table-cmt64e https://classroom.thenational.academy/lessons/using-arrays-to-represent-the-3-and-4-times-tables-6xk38r https://classroom.thenational.academy/lessons/understanding-multiplication-can-be-completed-in-any-order-68rp6c
30.II.20	Multiplication	<p>Y2 Solve multiplication problems using written methods, arrays, repeated addition and in context. Understand that multiplication is commutative.</p> <p>Y3 Write and calculate multiplication problems using increasingly formal written methods.</p>	https://classroom.thenational.academy/lessons/to-share-a-total-equally-and-find-the-number-of-groups-part-1-65hkad https://classroom.thenational.academy/lessons/to-share-a-total-equally-and-find-the-number-of-groups-part-2-61jp8r https://classroom.thenational.academy/lessons/to-explore-arrays-part-1-6mvkcd https://classroom.thenational.academy/lessons/to-explore-arrays-part-2-71hp2t	https://classroom.thenational.academy/lessons/using-bar-models-to-represent-known-times-tables-6tj62e https://classroom.thenational.academy/lessons/understanding-that-multiplication-and-division-are-inverse-operations-61gk0r https://classroom.thenational.academy/lessons/using-the-inverse-operation-to-find-missing-numbers-cgt32c https://classroom.thenational.academy/lessons/recalling-multiplication-and-division-facts-cmwk0d

7.12.20	Multiplication	<p>Y2</p> <p><i>Solve multiplication problems using written methods, arrays, repeated addition and in context.</i></p> <p><i>Understand that multiplication is commutative.</i></p> <p>Y3</p> <p><i>Write and calculate multiplication problems using increasingly formal written methods.</i></p> <p><i>Solve problems using multiplication.</i></p>	https://classroom.thenational.academy/lessons/to-develop-understanding-of-halves-and-quarters-of-quantities-ccup4r	https://classroom.thenational.academy/lessons/using-factors-and-products-to-solve-division-problems-cmtp4e
14.12.20	Consolidation	<p><i>Review and embed calculation methods taught over Autumn 1.</i></p> <p><i>Practice applying with problem solving.</i></p>	https://classroom.thenational.academy/lessons/finding-related-multiplication-and-division-facts-cdj6cc	https://classroom.thenational.academy/lessons/consolidating-multiplication-and-division-knowledge-part-2-cdhk0t