

Year 5 Home learning Links

This document provides links to home learning lessons, found on Oak Academy. The lessons have been matched appropriately to the learning focus in the St Michael's maths medium term plans. By clicking each link, this will take you directly to the specific lesson (each lesson is comprised of a teacher led explanatory video, an introductory quiz, a worksheet and a final quiz). These links can be set for home learning (as relevant for the week of the medium-term plan). For further reference, the name of the Oak Academy unit that the lessons can be found in has been included along with the number of the specific lessons within that unit. The units are from this year group unless otherwise stated (in brackets after the unit name).

Year 5 Home learning Links - Autumn Term MTP

	Focus	Oak Academy	DfE ready to progress criteria	Other links
Wk 1	Place value	Reasoning with large whole numbers - lessons 1, 2, 3, 4 & 5 https://classroom.thenational.academy/lessons/identifying-the-place-value-of-digits-in-5-digit-numbers-cqwkct https://classroom.thenational.academy/lessons/comparing-5-digit-numbers-cnkh6c https://classroom.thenational.academy/lessons/ordering-and-comparing-5-digit-numbers-using-a-number-line-c4r62c https://classroom.thenational.academy/lessons/rounding-5-digit-numbers-to-the-nearest-10-000-and-1000-chgk2r https://classroom.thenational.academy/lessons/rounding-5-digit-numbers-to-the-nearest-100-1000-and-10-000-6hgk2d		
Wk 2	Place value	Reasoning with large whole numbers - lessons 13 & 14 https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-100-6guk8c https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-1000-61k32r Reasoning with patterns and sequences (Yr4) - lesson 3 & 4 https://classroom.thenational.academy/lessons/number-sequences-part-1-c4v38d https://classroom.thenational.academy/lessons/number-sequences-part-2-6xhk4d		
Wk 3	Addition and Subtraction	Problem solving with whole numbers and decimals - lesson 1 https://classroom.thenational.academy/lessons/calculating-intervals-across-zero-6wu64d Problem solving with integer addition and subtraction - lesson 7 & 8 https://classroom.thenational.academy/lessons/adding-using-the-column-method-6wt64c https://classroom.thenational.academy/lessons/subtracting-using-the-column-method-6xj32d		

Wk 4	Addition and Subtraction	<p>Problem solving with integer addition and subtraction – lesson 1, 2, 3 & 4</p> <p>https://classroom.thenational.academy/lessons/using-and-explaining-addition-strategies-60t6ce</p> <p>https://classroom.thenational.academy/lessons/using-and-explaining-addition-and-subtraction-strategies-6hk38c</p> <p>https://classroom.thenational.academy/lessons/adding-and-subtracting-using-multiples-of-10-100-1000-10-000-and-100-000-60upcc</p> <p>https://classroom.thenational.academy/lessons/adding-and-subtracting-using-the-round-and-adjust-strategy-chk64e</p>		
Wk 5	Statistics	<p>Line graphs and timetables – lessons 1, 2, 7, 8, & 9</p> <p>https://classroom.thenational.academy/lessons/interpreting-line-graphs-cmr3ec</p> <p>https://classroom.thenational.academy/lessons/reading-and-interpreting-line-graphs-cgtkad</p> <p>https://classroom.thenational.academy/lessons/reading-timetables-6wwkgt</p> <p>https://classroom.thenational.academy/lessons/calculating-time-intervals-on-timetables-c4w64c</p> <p>https://classroom.thenational.academy/lessons/timetables-questions-60rkar</p>		
Wk 6	Multiplication and Division	<p>Multiplication and division – lessons 9, 10, 13 & 14</p> <p>https://classroom.thenational.academy/lessons/short-multiplication-c8v64c</p> <p>https://classroom.thenational.academy/lessons/long-multiplication-68u38t</p> <p>https://classroom.thenational.academy/lessons/short-division-6qt64d</p> <p>https://classroom.thenational.academy/lessons/division-with-remainders-ccwk6r</p>		
Wk 7	Multiplication and Division	<p>Multiplication and division – lessons 1, 2 & 3</p> <p>https://classroom.thenational.academy/lessons/multiples-and-factors-6gr32d</p> <p>https://classroom.thenational.academy/lessons/factor-pairs-61k3cd</p> <p>https://classroom.thenational.academy/lessons/prime-numbers-65j38e</p>		
Wk 8	Fractions	<p>Equivalent Fractions – lessons 1 & 2</p> <p>https://classroom.thenational.academy/lessons/representing-equivalent-fractions-cgtker</p> <p>https://classroom.thenational.academy/lessons/equivalent-fractions-in-context-c5k36t</p> <p>Taking fractions further (Yr 4) – lesson 16</p> <p>https://classroom.thenational.academy/lessons/beginning-to-compare-non-unit-fractions-c5gk4c</p> <p>Fractions, decimals and percentages – lessons 3 & 4</p> <p>https://classroom.thenational.academy/lessons/add-and-subtract-fractions-with-the-same-denominator-6nk3jc</p>		

		https://classroom.thenational.academy/lessons/add-and-subtract-fractions-with-a-common-denominator-68vpae		
Wk 9	Fractions	<p>Fractions decimals and percentages - lessons 1, 7 & 8</p> <p>https://classroom.thenational.academy/lessons/convert-between-proper-and-improper-fractions-cmuk6c</p> <p>https://classroom.thenational.academy/lessons/multiply-a-fraction-by-a-whole-number-cgup2t</p> <p>https://classroom.thenational.academy/lessons/multiply-a-mixed-number-fraction-6nj6t</p>		
Wk 10	Fractions	<p>Fractions decimals and percentages - lessons 11, 12 & 13</p> <p>https://classroom.thenational.academy/lessons/understanding-percentage-6gvpad</p> <p>https://classroom.thenational.academy/lessons/percentage-as-a-fraction-and-decimal-6mrk0r</p> <p>https://classroom.thenational.academy/lessons/understanding-percent-in-the-world-70uk0e</p>		
Wk 11	Measures	<p>Converting units of measure - lessons 5, 6, 7 & 9</p> <p>https://classroom.thenational.academy/lessons/convert-between-units-of-length-cgr32e</p> <p>https://classroom.thenational.academy/lessons/convert-between-metric-units-of-length-6cu3cc</p> <p>https://classroom.thenational.academy/lessons/solving-problems-involving-converting-between-metric-units-of-length-cmwk6c</p> <p>https://classroom.thenational.academy/lessons/convert-between-miles-and-km-c4rk4t</p>		
Wk 12	Measures	<p>2D shape, perimeter and area - lessons 1, 2, 4 & 6</p> <p>https://classroom.thenational.academy/lessons/calculate-and-measure-perimeter-crv36r</p> <p>https://classroom.thenational.academy/lessons/calculate-the-area-of-rectangles-cgupcc</p> <p>https://classroom.thenational.academy/lessons/compare-the-area-and-perimeter-of-rectangles-crrp2d</p> <p>https://classroom.thenational.academy/lessons/comparing-and-classifying-2-d-shapes-64r34c</p>		

Year 5 Home learning Links - Spring Term MTP

	Focus	Oak Academy	DfE ready to progress criteria	Other links
Wk 1	Multiplication and division	<p>Multiplication and division - lessons 9, 10, 14 and 14 https://classroom.thenational.academy/lessons/short-multiplication-c8v64c</p> <p>https://classroom.thenational.academy/lessons/long-multiplication-68u38t</p> <p>https://classroom.thenational.academy/lessons/short-division-6gt64d</p> <p>https://classroom.thenational.academy/lessons/division-with-remainders-ccwk6r</p>		
Wk 2	Multiplication and division	<p>Problem solving with whole numbers and decimals - lessons 2, 3 & 5 https://classroom.thenational.academy/lessons/solving-problems-involving-division-with-remainders-part-1-cgt68c</p> <p>https://classroom.thenational.academy/lessons/solving-problems-involving-division-with-remainders-part-2-6muk4d</p> <p>https://classroom.thenational.academy/lessons/developing-strategies-to-plan-and-solve-problems-6wuk0c</p>		
Wk 3	Geometry	<p>Angles - lessons 1, 6, 7, 11 and 13 https://classroom.thenational.academy/lessons/understanding-angles-6nhk8t</p> <p>https://classroom.thenational.academy/lessons/reading-angles-on-a-protractor-part-1-6mt3qt</p> <p>https://classroom.thenational.academy/lessons/reading-angles-on-a-protractor-part-2-6mt30d</p> <p>https://classroom.thenational.academy/lessons/calculating-angles-on-a-line-or-around-a-point-69h66t</p> <p>https://classroom.thenational.academy/lessons/calculating-angles-within-a-shape-part-2-60u3jr</p>		
Wk 4	Geometry	<p>Transformations - lessons 2, 3, 4, 5 & 6 https://classroom.thenational.academy/lessons/describing-positions-on-a-2d-grid-as-coordinates-6mv32r</p> <p>https://classroom.thenational.academy/lessons/describing-the-position-of-a-point-and-translating-it-across-2-quadrants-using-coordinates-68uk8e</p> <p>https://classroom.thenational.academy/lessons/describing-the-position-of-a-point-and-shape-across-4-quadrants-using-coordinates-6rw3gr</p> <p>https://classroom.thenational.academy/lessons/using-coordinates-to-describe-position-following-a-translation-cnh66r</p> <p>https://classroom.thenational.academy/lessons/identifying-describing-and-representing-the-position-of-a-shape-following-a-reflection-68rpar</p>		
Wk 5	Fractions	<p>Equivalent fractions - lessons 1, 2, 9, 15 & 16 https://classroom.thenational.academy/lessons/representing-equivalent-fractions-cqtker</p> <p>https://classroom.thenational.academy/lessons/equivalent-fractions-in-context-c5k36t</p>		

		https://classroom.thenational.academy/lessons/further-practice-with-equivalent-fractions-6rt66t https://classroom.thenational.academy/lessons/why-do-we-simplify-fractions-61j3qt https://classroom.thenational.academy/lessons/simplifying-improper-fractions-c4v64r Fractions and decimals - lesson 5 https://classroom.thenational.academy/lessons/ordering-fractions-c4vp6r		
Wk 6	Fractions	Fractions, decimals and percentages - lessons 4, 5, 6, 7 & 8 https://classroom.thenational.academy/lessons/add-and-subtract-fractions-with-a-common-denominator-68vpae https://classroom.thenational.academy/lessons/add-and-subtract-fractions-with-a-common-denominator-improper-fractions-6cw62d https://classroom.thenational.academy/lessons/add-and-subtract-fractions-fluency-75j3jc https://classroom.thenational.academy/lessons/multiply-a-fraction-by-a-whole-number-cgup2t https://classroom.thenational.academy/lessons/multiply-a-mixed-number-fraction-6nj6t		
Wk 7	Fractions, decimals and percentages	Fractions, decimals and percentages - lessons 9, 10, 11, 12 & 13 https://classroom.thenational.academy/lessons/fractions-of-quantities-1-6wuk6r https://classroom.thenational.academy/lessons/fractions-of-quantities-part-2-cmt36t https://classroom.thenational.academy/lessons/understanding-percentage-6gvpad https://classroom.thenational.academy/lessons/percentage-as-a-fraction-and-decimal-6mrk0r https://classroom.thenational.academy/lessons/understanding-percent-in-the-world-70uk0e		
Wk 8	Statistics	Line graphs and timetables - lessons 3, 4, 8 & 9 https://classroom.thenational.academy/lessons/reading-scales-on-a-line-graph-6wuk0t https://classroom.thenational.academy/lessons/tables-and-line-graphs-6xgk0t https://classroom.thenational.academy/lessons/calculating-time-intervals-on-timetables-c4w64c https://classroom.thenational.academy/lessons/timetables-questions-60rkar		
Wk 9	Place value	Reasoning with large, whole numbers - lessons 9, 10, 11 & 15 https://classroom.thenational.academy/lessons/rounding-6-digit-numbers-to-the-nearest-100-000-and-10-000-6nhpcd https://classroom.thenational.academy/lessons/rounding-6-digit-numbers-to-the-nearest-1000-10-000-and-100-000-65gked https://classroom.thenational.academy/lessons/solving-problems-involving-rounding-74ukac		

		https://classroom.thenational.academy/lessons/solving-problems-involving-roman-numerals-6gt36d Fractions and decimals - lessons 12 & 13 https://classroom.thenational.academy/lessons/rounding-decimals-part-1-70r6at https://classroom.thenational.academy/lessons/rounding-decimals-part-2-74rkqc Problem solving with whole numbers and decimals - lesson 1 https://classroom.thenational.academy/lessons/calculating-intervals-across-zero-6wu64d		
Wk 10	Addition and subtraction	Problem solving with integer addition and subtraction - lessons 9 & 10 https://classroom.thenational.academy/lessons/problem-solving-using-the-column-method-c8up6c https://classroom.thenational.academy/lessons/solving-multi-step-addition-and-subtraction-problems-ctk66d		

Year 5 Home learning Links - Summer Term MTP

	Focus	Oak Academy	DfE ready to progress criteria	Other links
Wk 1	Decimals	<p>Calculating with whole numbers and decimals - lessons 2, 3, 4, 5 & 6</p> <p>https://classroom.thenational.academy/lessons/multiplying-and-dividing-decimals-by-101001000-6gvk2r</p> <p>https://classroom.thenational.academy/lessons/deriving-decimal-addition-and-subtraction-facts-6gu30c</p> <p>https://classroom.thenational.academy/lessons/adding-decimals-70t62r</p> <p>https://classroom.thenational.academy/lessons/subtracting-decimals-69jpat</p> <p>https://classroom.thenational.academy/lessons/applying-mental-calculation-strategies-to-adding-and-subtracting-decimals-cgr3ce</p>		
Wk 2	Measure	<p>Converting units of measure - lessons 3, 4, 11, 13 & 15</p> <p>https://classroom.thenational.academy/lessons/converting-between-units-of-time-6gvkit</p> <p>https://classroom.thenational.academy/lessons/solving-problems-involving-converting-between-units-of-time-6crp8e</p> <p>https://classroom.thenational.academy/lessons/converting-between-units-of-metric-mass-6ww38d</p> <p>https://classroom.thenational.academy/lessons/understanding-pounds-and-converting-kilograms-to-pounds-74u3ge</p> <p>https://classroom.thenational.academy/lessons/solving-problems-involving-various-units-of-measure-68v3ae</p>		
Wk 3	Measure	<p>Volume - lessons 1, 2, 3, 4 & 5</p> <p>https://classroom.thenational.academy/lessons/volume-to-read-scales-when-measuring-volume-6ru68d</p> <p>https://classroom.thenational.academy/lessons/to-investigate-and-explain-cubed-numbers-6hh38r</p> <p>https://classroom.thenational.academy/lessons/to-estimate-the-volume-of-objects-cdj3cd</p> <p>https://classroom.thenational.academy/lessons/to-describe-volume-in-cubic-units-6hhkj d</p> <p>https://classroom.thenational.academy/lessons/to-convert-units-of-volume-c9h3cr</p>		
Wk 4	Four operations and measure	<p>Converting units of measure - lessons 10 & 12</p> <p>https://classroom.thenational.academy/lessons/solving-problems-involving-converting-between-miles-and-km-ctgket</p> <p>https://classroom.thenational.academy/lessons/solving-problems-involving-converting-between-units-of-metric-mass-69h66e</p>		
Wk 5	Geometry	<p>2D shape, perimeter and area - lessons 7, 8, 9 & 10</p> <p>https://classroom.thenational.academy/lessons/comparing-and-classifying-quadrilaterals-ctj64c</p>		

		https://classroom.thenational.academy/lessons/comparing-and-classifying-right-angled-triangles-and-equilateral-triangles-74r62e https://classroom.thenational.academy/lessons/comparing-and-classifying-isosceles-and-scalene-triangles-c4v3jd https://classroom.thenational.academy/lessons/identifying-lines-of-symmetry-in-2d-shapes-64u6ce		
Wk 6	Fractions	Fractions, decimals and percentages - lessons 6, 9 & 10 https://classroom.thenational.academy/lessons/add-and-subtract-fractions-fluency-75j3jc https://classroom.thenational.academy/lessons/fractions-of-quantities-1-6wuk6r https://classroom.thenational.academy/lessons/fractions-of-quantities-part-2-cmt36t		
Wk 7	Fractions, decimals and percentages	Fractions, decimals and percentages - lessons 12, 14 & 15 https://classroom.thenational.academy/lessons/percentage-as-a-fraction-and-decimal-6mrk0r https://classroom.thenational.academy/lessons/finding-percent-of-a-quantity-6xh36d https://classroom.thenational.academy/lessons/finding-percent-of-a-quantity-problem-solving-c9h38d		
Wk 8	Geometry	Angles - lessons 9, 10, 12, 14 & 15 https://classroom.thenational.academy/lessons/draw-angles-with-a-protractor-1-60rp4e https://classroom.thenational.academy/lessons/draw-angles-with-a-protractor-part-2-65hk4e https://classroom.thenational.academy/lessons/calculating-angles-within-a-shape-1-65h3ar https://classroom.thenational.academy/lessons/calculating-angles-within-a-shape-3-c5h3jr https://classroom.thenational.academy/lessons/revision-and-angle-fluency-facts-6nhk6d		
Wk 9	Four operations	Volume - lesson 2 https://classroom.thenational.academy/lessons/to-investigate-and-explain-cubed-numbers-6hh38r Multiplication and division - lesson 4 https://classroom.thenational.academy/lessons/factor-and-multiple-chains-6gvp6c Calculating with whole numbers and decimals - lesson 12 & 15 https://classroom.thenational.academy/lessons/problem-solving-with-decimals-in-context-60u3gd https://classroom.thenational.academy/lessons/problem-solving-with-multiplication-6mwpat		
Wk 10	Statistics	Line graphs and timetables - lessons 5, 6 and 10 https://classroom.thenational.academy/lessons/constructing-a-line-graph-6gv38r https://classroom.thenational.academy/lessons/conversion-graphs-64vk2t		

		https://classroom.thenational.academy/lessons/consolidation-and-review-6cvkj4		
Wk 11	Measure	2D shape, perimeter and area - lessons 3 and 5 https://classroom.thenational.academy/lessons/calculate-the-area-of-rectilinear-shapes-6mr3ar https://classroom.thenational.academy/lessons/calculate-the-area-of-non-rectilinear-shapes-chh38d		
Wk 12	Investigations and consolidation	Problem solving with whole numbers and decimals - lessons 8, 9 & 10 https://classroom.thenational.academy/lessons/investigating-properties-of-number-cgrp8c https://classroom.thenational.academy/lessons/exploring-properties-of-palindromic-numbers-6djp6t https://classroom.thenational.academy/lessons/exploring-properties-of-number-crr3ac		