



Year 5 and 6 Maths Curriculum  
CYCLE A

Autumn Term														
Autumn 1								Autumn 2						
1 (3 days)	2	3	4	5	6	7	8 (4 days)	9	10	11	12	13	14	15
Unit 1 (NCETM Y6 Unit 1)  Calculating using knowledge of structures (1) ⚓				Unit 2 (NCETM Y5 Unit 1)  Decimal fractions ⚓				Unit 3 (NCETM Y5 Unit 2)  Money	Unit 4 (NCETM Y5 Unit 3)  Negative numbers	Unit 5 (NCETM Y6 Unit 4)  Draw, compose and decompose shapes (including circles)	Unit 6 (NCETM Y5 Unit 4)  Short multiplication and short division			
<p><b>Corresponding ON units:</b></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-knowledge-of-part-whole-structure-to-solve-additive-problems/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-knowledge-of-part-whole-structure-to-solve-additive-problems/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-equivalence-and-compensation-to-simplify-and-solve-addition-calculations/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-equivalence-and-compensation-to-simplify-and-solve-addition-calculations/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-equivalence-and-compensation-to-simplify-and-solve-subtraction-problems/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-equivalence-and-compensation-to-simplify-and-solve-subtraction-problems/lessons</a></p>				<p><b>Corresponding ON units:</b></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/understand-tenths-as-part-of-a-whole-represent-and-calculate-mentally/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/understand-tenths-as-part-of-a-whole-represent-and-calculate-mentally/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/compose-and-calculate-with-decimals-including-column-addition-and-subtraction/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/compose-and-calculate-with-decimals-including-column-addition-and-subtraction/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/understand-hundredths-as-parts-of-a-whole-and-represent/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/understand-hundredths-as-parts-of-a-whole-and-represent/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-knowledge-of-decimals-to-solve-problems-in-different-contexts-length/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/use-knowledge-of-decimals-to-solve-problems-in-different-contexts-length/lessons</a></p>				<p><b>Corresponding ON unit:</b></p> <p>Money: apply efficient strategies when calculating with money</p>	<p><b>Corresponding ON unit:</b></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/unit5/negative-numbers/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/unit5/negative-numbers/lessons</a></p>	<p><b>Corresponding ON unit:</b></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/draw-compose-and-decompose-shapes/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/draw-compose-and-decompose-shapes/lessons</a></p>	<p><b>Corresponding ON units:</b></p> <p><a href="#">multiplication-by-partitioning-leading-to-short-multiplication-2-by-1-digit</a></p> <p><a href="#">multiplication-by-partitioning-leading-to-short-multiplication-3-by-1-digit</a></p> <p><a href="#">division-by-partitioning-leading-to-short-division-2-and-3-digits-by-1-digit</a></p>			
<b>Ongoing unit</b> Order of operations and algebra					<b>Ongoing unit</b> Solving problems with two unknowns					<b>Ongoing unit</b> Mean average				

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Spring Term											
Spring 1						Spring 2					
1	2	3	4	5	6	7 (4 days)	8	9	10	11	
Unit 6 (NCETM Y6 Unit 5)  Multiplication and division ⚓			Unit 7 (NCETM Y5 Unit 8)  Fractions ⚓								Unit 8 (NCETM Y6 Unit 7)  Fractions and Percentages ⚓
<p><u>Corresponding ON units:</u></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/using-equivalence-to-calculate/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/using-equivalence-to-calculate/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiplying-and-dividing-by-2-digit-numbers/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiplying-and-dividing-by-2-digit-numbers/lessons</a></p>			<p><u>Corresponding ON units:</u></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiply-a-proper-fraction-by-a-whole-number/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiply-a-proper-fraction-by-a-whole-number/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiply-improper-fractions-and-mixed-numbers-by-a-whole-number/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiply-improper-fractions-and-mixed-numbers-by-a-whole-number/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/find-unit-and-non-unit-fractions-of-whole-numbers-exploring-parts-and-wholes/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/find-unit-and-non-unit-fractions-of-whole-numbers-exploring-parts-and-wholes/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/comparing-fractions-using-equivalence-and-decimals/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/comparing-fractions-using-equivalence-and-decimals/lessons</a></p>								<p><u>Corresponding ON units:</u></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiplication-and-division-of-fractions/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/multiplication-and-division-of-fractions/lessons</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/understanding-percentages/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/understanding-percentages/lessons</a></p>
<p><u>Ongoing unit</u> Factors, primes and multiples</p>			<p><u>Ongoing unit</u> Converting units</p>				<p><u>Ongoing unit</u> Ratio and proportion</p>				

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Summer Term												
Summer 1						Summer 2						
1	2	3	4 (4 days)	5	6	7 (4 days)	8	9	10	11	12	13
Unit 9 (NCETM Y5 Unit 6)  Calculating with decimal fractions		Revision for KS2 SATs (including order of operations, algebra, area, perimeter, position and direction, statistics, ratio and proportion, mean average, shapes)		Unit 10 (NCETM Y5 Unit 5)  Area and scaling		Unit 11 (NCETM Y5 Unit 7)  Factors, multiples and primes		Unit 12 (NCETM Y5 Unit 9)  Converting units		Unit 13 (NCETM (Y5 Unit 10)  Angles		
<p><b>Corresponding ON unit:</b></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/calculating-with-decimal-fractions/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/calculating-with-decimal-fractions/lessons</a></p>				<p><b>Corresponding ON units:</b></p> <p><a href="#">understand-the-concept-of-area/lessons</a></p> <p><a href="#">Link area of rectangles to multiplication KS2   Y5 Maths Lesson Resources   Oak National Academy</a></p> <p><a href="https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/compare-and-describe-measurements-using-knowledge-of-multiplication-and-division/lessons">https://www.thenational.academy/teachers/programmes/maths-primary-ks2/units/compare-and-describe-measurements-using-knowledge-of-multiplication-and-division/lessons</a></p>		<p><b>Corresponding ON units:</b></p> <p><a href="#">understand-the-concept-of-volume/lessons</a></p> <p><a href="#">multiply-3-or-more-numbers-commutative-and-associative-laws/lessons</a></p> <p><a href="#">understand-and-use-the-concept-of-factorisation-square-and-prime-numbers/lessons</a></p> <p><a href="#">use-common-factors-and-multiples-to-solve-calculations-efficiently/lessons</a></p>		<p><b>Corresponding ON unit:</b></p> <p><a href="#">Converting units KS2   Y5 Maths Lesson Resources   Oak National Academy</a></p>		<p><b>Corresponding ON unit:</b></p> <p><a href="#">Angles: compare, name, estimate and measure angles KS2   Y5 Maths Lesson Resources   Oak National Academy</a></p>		