



Year 3 and 4 Maths Curriculum
CYCLE A

| Y3/4 Cycle A | | | | | | | | | | | | | | | |
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| 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 Y3 Unit 1) Adding and subtracting across 10 ⚓ | | Unit 2 (NCETM Y3 Unit 2) Numbers to 1,000 ⚓ CONDENSED UNIT | | | | Unit 3 (NCETM Y3 Unit 4) Manipulating the additive relationship and securing mental calculation | | | Unit 4 (NCETM Y3 Unit 5 and Y4 Unit 1) Column addition Review of column addition | | Unit 5 (NCETM Y3 Unit 7 and Y4 Unit 1) Column subtraction Review of column subtraction | | Unit 6 (NCETM Y3 Unit 6) 2, 4 and 8 times tables | | |
| <u>Corresponding ON unit:</u> Review strategies for adding and subtracting across 10 | | <u>Corresponding ON units:</u> <u>Securing place value to 100 and applying to addition and subtraction</u> <u>Bridging 100 counting on and back in 10s, adding/subtracting multiples of 10</u> <u>Measuring length and recording in tables</u> <u>Representing 3-digit numbers comparing and positioning on number lines</u> <u>Measures: mass and capacity</u> | | | | <u>Corresponding ON units:</u> <u>Informal and mental strategies for adding and subtracting two 3-digit numbers</u> <u>Understand additive relationships and apply them to rearrange equations</u> | | | <u>Corresponding ON unit:</u> <u>Column addition</u> | | <u>Corresponding ON unit:</u> <u>Column subtraction</u> | | <u>Corresponding ON unit:</u> <u>2, 4 and 8 times tables: using times tables to solve problems</u> | | |

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| Spring Term | | | | | | | | | | |
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| Spring 1 | | | | | | Spring 2 | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 (4 days) | 8 | 9 | 10 | 11 |
| Unit 6 (NCETM Y3 Unit 6) 2, 4 and 8 times tables | Unit 7 (NCETM Y4 Unit 6) Understanding and manipulating multiplicative relationships | | | | | Unit 8 (NCETM Y3 Unit 8) Unit fractions | | | | |
| <u>Corresponding ON unit:</u> <u>2, 4 and 8 times tables: using times tables to solve problems</u> | <u>Corresponding ON units:</u> <u>Understand and represent multiplicative structures</u> <u>Apply the distributive law to multiplication</u> <u>Understand what happens when a number is multiplied or divided by 10 and 100</u> | | | | | <u>Corresponding ON units:</u> <u>Unit fractions as part of a whole</u> <u>Identify parts and wholes in different contexts</u> <u>Compare and order unit fractions</u> <u>Calculate the value of a part (fractions as operators)</u> | | | | |

Year 3 and 4 Maths Curriculum

| Summer Term | | | | | | | | | | | | |
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| Summer 1 | | | | | | Summer 2 | | | | | | |
| 1 | 2 | 3 | 4 (4 days) | 5 | 6 | 7 (4 days) | 8 | 9 | 10 | 11 | 12 | 13 |
| Unit 9 (NCETM Y3 Unit 9) Non-unit fractions | | | | Unit 10 (NCETM Y4 Unit 9) Fractions greater than 1 CONDENSE | | Unit 11 (Y3 Unit 3) Right angles CONDENSE | Unit 12 (Y4 Unit 3) Perimeter CONDENSE | Unit 13 (Y3 Unit 7) Coordinates CONDENSE | Unit 14 (NCETM Y3 Unit 11/Y4 Unit 11) Year 3 Time Year 4 Time | | Unit 15 (Y4 Unit 12) Division with remainders | |
| <u>Corresponding ON units:</u> Non-unit fractions <u>Composition of non-unit fractions: addition and subtraction</u> | | | | <u>Corresponding ON units:</u> <u>Composition of fractions greater than one</u> <u>Compare and order mixed numbers and position on a number line</u> <u>Addition and subtraction of fractions and mixed numbers (within a whole)</u> <u>Convert improper fractions and mixed numbers and vice versa</u> <u>Efficient strategies for adding and subtracting mixed numbers (crossing a whole)</u> | | <u>Corresponding ON unit:</u> <u>Right angles</u> | <u>Corresponding ON unit:</u> <u>Perimeter</u> | <u>Corresponding ON unit:</u> <u>Coordinate</u> | <u>Corresponding ON units:</u> <u>Tell the time to the nearest minute and compare units of time</u> <u>Time: convert between 12 and 24 hour clocks: analogue and digital</u> | | <u>Corresponding ON unit:</u> <u>Division with remainders</u> | |