Sandbach Primary Academy Year 3 and 4

At Sandbach Primary Academy, Nursery, Reception, Year 1 and Year 2 children are taught in single-age, mixed attainment classes. Years 3 and 4 and years 5 and 6 are taught in mixed-age, mixed attainment classes.

Year 1 and 2 follow the Oak National Academy Curriculum Plans for KS1.

In our mixed age classes (year 3-4 and year 5-6), with the support of the Maths Hub, we have carefully aligned the units to allow both year groups to be taught together. These classes follow a two-year cycle, ensuring that they meet all objectives in a coherent sequence.

The National Curriculum states:  
The programmes of study for mathematics are set out year-by-year for key stages 1 and 2. Schools are, however, only required to teach the relevant programme of study by the end of the key stage. Within each key stage, schools therefore have the flexibility to introduce content earlier or later than set out in the programme of study. In addition, schools can introduce key stage content during an earlier key stage, if appropriate.

The two-year cycle for Year 3 and 4 is detailed below.

⚓ Indicates Blocks which appear in both years.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year 3 / 4 A | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Oak  Autumn | Block A ⚓ | | Block B ⚓ | | Block C ⚓ | Block D⚓ | | Block E ⚓ | | | Block F ⚓ | | Block G ⚓ | Block H | Block I |
| Y3 U1 | | Y3 U2 | | Y3 U3 | Y3 U4 | | Y3 U5 | Y3 U5 | | Y3 U6 | | Y4 U6 | Y4 U2 | Y4 U3 |
| Review strategies for adding and subtracting across 10 | | Securing place value to 100 and applying to addition and subtraction | | Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10 | Measuring length and recording in tables | | Representing 3-digit numbers, comparing and positioning on number lines | | | Measures: mass and capacity | | Perimeter  (Right Angles) | Secure place value to 1000: apply to addition and subtraction: multiples of 100 | Calculation and conversion of measures |
| Oak  Spring | Block J | Block K⚓ | | | | | Block L | | | | Block M | |  |  |  |
| Y4 U4 | Y4 U5 | | Y3 U10  Y4 U1 | | Y3 U12  Y4 U1 | Y4 U7 | Y4 U8 | Y4 U9 | Y4 U10 | Y4 U11 | |
| Comparing, ordering and rounding 4-digit numbers | Column addition and subtraction with 4-digit numbers | | Column addition | | Column subtraction | Represent counting in threes and sixes as the 3 and 6 times tables | Relationship between the 3 and 6 times tables and tests of divisibility | Represent counting in nines as the 9 times table | Relationship between the 3 and 9 times tables | 7 times table: odd and even patterns, square numbers and tests of divisibility | |
| Oak Summer | Block N ⚓ | Block O⚓ | | | | | | | Block P | | Block Q | Block R |  |  |  |
| Y4 U15 | Y4 U16 | Y3  U13/14  U15/16 | Y3  U17  U18 | Y4  U17, 18 | Y4  U19, 20, 21 | | | Y3 U19 | | Y4 U22 | Y3 U20 |
| Coordinates | Review of fractions | Unit fractions as part of a whole  Identify parts and wholes in different contexts  Compare and order unit fractions  Calculate the value of a part (fractions as operators) | Non-unit fractions  Composition of non-unit fractions: addition and subtraction | Composition of fractions greater than one  Compare and order mixed numbers and position on a number line  Addition and subtraction of fractions and mixed numbers (within a whole)  Convert improper fractions to mixed numbers and vice versa  Efficient strategies for adding and subtracting mixed numbers (crossing a whole) | | | | Parallel and perpendicular sides in polygons (and perimeter) | | Symmetry in 2D shapes | Tell the time to the nearest minute and compare units of time |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year 3 / 4 B | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Oak  Autumn | Block A | | Block B | | Block C | | Block D | | | Block E | | Block F | Block G | | | Block H |
| Y3 U1 ⚓ | | Y3 U2/3/4/5/6⚓ | | Y3 U8 | | Y3 U9 | | | Y3 U10⚓ | Y4 U1⚓ | Y3 U12⚓  Y4 U1 | Y3 U11 | | | Y4 U12 |
| **Review strategies for adding and subtracting across 10** | | **Securing place value to 100 and applying to addition and subtraction**  **Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10**  **Measuring length and recording in tables**  **Representing 3-digit numbers, comparing and positioning on number lines**  **Measures: mass and capacity** | | **Informal and mental strategies for adding and subtracting two 3-digit numbers** | | **Understand additive relationships and apply them to rearrange equations** | | | **Column addition** | **Review of column addition and subtraction** | **Column subtraction**  **Review of column addition and subtraction** | **2, 4 and 8 times tables: using times tables to solve problems** | | | **Understand and represent multiplicative structures** |
| Oak  Spring | Block H | | | | Block I ⚓ | | | | | | Block J ⚓ | | |  |  |  |
| Y4 U12 | Y4 U13 | Y4 U14 | | Y3 U13 | | Y3 U14 | Y3 U15 | | Y3 U16 | Y3 U17 | | Y3 U18 |
| **Understand and represent multiplicative structures** | **Apply the distributive law to multiplication** | **Understand what happens when a number is multiplied or divided by 10 and 100** | | **Unit fractions as part of a whole** | | **Identify parts and wholes in different contexts** | **Compare and order unit fractions** | | **Calculate the value of a part (fractions as operators)** | **Non-unit fractions** | | **Composition of non-unit fractions: addition and subtraction** |
| Oak Summer | Block J ⚓ | Block K⚓ | | Block L | | Block M | | | Block N | |  | Block O | |  |  |  |
| Y3 U18 | Y4 U17, 18, 19 | Y4 U20, 21 | Y3 U7 | | Y4 U6 | | Y4 U15 | | |  | Y4 U24 | |
| **Composition of non-unit fractions: addition and subtraction** | **Composition of fractions greater than one**  **Compare and order mixed numbers and position on a number line**  **Addition and subtraction of fractions and mixed numbers (within a whole)** | **Convert improper fractions to mixed numbers and vice versa**  **Efficient strategies for adding and subtracting mixed numbers (crossing a whole)** | **Right angles** | | **Perimeter** | | **Coordinates** | | |  | **Division with remainders** | |