|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Benthal Year 2 Yearly Overview**  **DRAFT v1** | | | | | | | | | | | |
| **Autumn 1** | | **Autumn 2** | | **Spring 1** | | **Spring 2** | | **Summer 1** | | **Summer 2** | |
| **Wk 1**  Place value – Read, write and estimate (TS1) | * Count on or back in 1s or 10s from a 2-digit number * Read and write numbers up to 100 in figures * Say the numbers in order up to at least 100, from and back to zero * Begin to count up to 100 objects by grouping in 5s or 10s * Begin to count up to 100 objects by grouping in 5s or 10s | **Wk 1**  Time (TS6) | * Use units of time and know the relationship between them: hours in a day, days in a week * Know the months in a year * Know the seasons in a year; * Order the months of the year | **Wk 1**  Number - counting in steps/ odd even (TS11) | * Count on and back in 1s or 10s from a 2- or 3-digit number * Count on or back in steps of 2 or 3 from any number * recognise odd and even numbers up to at least 50 | **Wk 1**  Data – block graphs and pictograms | * Sort, organise and interpret information in a block graph * Sort, organise and interpret information in a pictogram * (scale of 1 and then 2, 5 or 10 ) | **Wk 1**  Place value - read, write and partition (TS21) | * partition 3-digit numbers into H, T and U * Begin to read and write numbers up to 1000 in f * Figures * round numbers less than 100 to the nearest 10 | **Wk 1**  subtraction (TS26) | * subtract a 1-digit number from multiples of 10 and 100 * subtract tens from a 2 digit number * subtract a 2 digit number from another 2 digit number (no bridging) |
| **Wk 2**  **Place Value – Partition and order (TS2)** | * Know what each digit in a 2-digit number represents, including 0 as a place holder; * Partition 2-digit numbers into T and U * Order numbers up to at least 100 and position them on a 100-square | **Wk 2 -**  **2D Shape and symmetry (tS7)** | * Use the names of common 2D shapes, including pentagon, hexagon, octagon; * Sort 2D shapes and describe their features: number of sides and * corners * Begin to recognise line symmetry * Make symmetrical patterns by folding and cutting; * Begin to sketch the reflection of a simple shape in a mirror line | **Wk 2**  Place Value – compare and order (TS 12) | * Use ordinal numbers * Compare two or more 2-digit numbers * Introduce the greater than and less than signs | **Wk 2**  3D shapes (TS 17) | * Relate solid shapes to pictures of them; Use the names of common 3D * shapes, including: cube, cuboid, cylinder, sphere, cone * Sort 3D shapes and describe their features: number of faces and corners | **Wk 2**  Addition and subtraction (TS22) | * Add a 1 digit number to a 2 digit number bridging a multiple of 10 * Add a 2 digit number to a 2 digit number – no bridging * Find the difference between two numbers by counting on | **Wk 2**  Data - tables **(Ts26)** | * Organise information in a table * Interpret information from a table * Ask and answer questions about totalling and comparing data in a table |
| **Wk 3**  **Addition (TS3)** | * Use the \_ and \_ signs to record addition sentences * Add by counting on in 1s from the larger number, crossing a multiple of 10 * Recognise addition as counting on * Add three numbers by putting the largest number first * Recognise that addition can be done in any order; | **Wk 3**  Addition – mental strategies | * Add a single digit number to a 2d number * Find 10 more than a multiple of 10 * Find 10 more than any 2d number * Add a multiple of 10 to another multiple of 10 * Add a multiple of 10 to any 2 digit number | **Wk 3**  Addition and subtraction TS 13) | * Rehearse addition and subtraction facts for pairs of numbers that total up to 10 * Rehearse addition and subtraction facts for pairs of numbers that total up to 10/20 * **Add three 1-digit numbers mentally** | **Wk 3**  Mental addition and subtraction (TS 18**)** | * Add mentally multiple of 10 * Add 9 and 11 by adding compensating * subtract mentally multiple of 10 * Subtract 9 and 11 by compensating * Begin to add and subtract 19 and 21 | **Wk 3**  2D and 3D shapes (TS23) | * Classify and describe common 2D and 3D shapes * Identify 2D shapes on the surface of 3D shapes * Identify and describe the properties of 3D shapes – faces, vertices, edges * Make models, shapes and patterns and describe their features | **Wk 3**  Addition and subtraction TS28 | * Revise adding a 2 digit number to a 2 digit number – no bridging * add a 2 digit number to a 2 digit number –bridging across 10 * Revise subtraction of one 2-digit number from another 2-digit number – no bridging * Revise subtraction of one 2-digit number from another 2-digit number bridging across 1 * Understand that subtraction is the inverse of addition, using missing number sentences |
| **Wk 4**  Number facts (TS 4) | * Rehearse addition and subtraction facts for all pairs of numbers that total up to 9 * Use \_, \_ and \_ signs to record addition and subtraction sentences * Recognise the use of a symbol to stand for an unknown number * Use addition and subtraction facts to solve missing number sentences * Rehearse addition and subtraction facts for pairs of numbers that total 10/20 | **Wk 4**  Subtraction (TS8) | * Count back in 1s, not crossing a multiple of 10; * Count back in 1s, crossing a multiple of ten, beginning to bridge across 10 | **Wk 4**  Shape – angles (TS14) | * Recognise whole, half and quarter turns * Know that a right angle is a measure of a quarter turn * **Recognise angles which are more/less than a right angle** * Recognise right angles in simple shape * Recognise clockwise and anticlockwise turns * Give instructions for moving along a route in straight lines and round corners; | **Wk 4**  Multiplication (TS 19) | * Count in 2s, 5s and 10s * write out a repeated addition and matching multiplication sentence * Introduce multiplication as ‘lots of’ and the x sign * solve a multiplication number sentence (2, 5 and 10 times tables) * Introduce multiplication as repeated addition or as describing an array; | **Wk 4**  Fractions (TS23) | * Begin to recognise halves and quarters of shapes * Recognise fraction notation * Begin to recognise halves and quarters of small numbers of objects/ lengths * Recognise the equivalence of two quarters and one half | **Wk 4**  Time - TS29 | * Use units of time and know the relationship between them: hours, minutes, seconds * Read the time to the quarter hour on analogue and 12-hour digital clocks * Tell time to the five mins and draw the hands on a clock face to match |
| **Wk 5**  Measure - length(TS5) | * Estimate, measure and compare lengths using standard units: * Centimetres * Use a ruler to draw and measure lines to the nearest centimetre * Estimate, measure and compare lengths using standard units: metres; * Recognise the relationship between metres and centimetres | **Wk 5**  Doubling and halving (TS9) | * Know by heart doubles for numbers up to at least 15 and the * corresponding halves * Recognise halving as the inverse of doubling * derive doubles of multiples of 5 up to 100 * halve multiples of 10 to 100 | **Wk 5**  Measures – mass (TS15) | * Begin to recognise the relationship between grams and kilograms * Estimate, measure and compare weights using standard units kilograms, grams * Compare and order objects by their mass * Begin to read simple weighing scales to the nearest labelled division | **Wk 5**  Multiplication (TS 20) | * Begin to understand division as grouping; * Understand division as the inverse of multiplication * Understand that division sometimes leaves a remainder | **Wk 5**  Addition and subtraction facts (TS 24) | * Know by heart addition and subtraction facts for pairs of numbers that total up to 10/20 * State the subtraction corresponding to a given addition * Halve multiples of 10 up to 100vice versa * Know by heart pairs of multiples of 10 that total 100 * Use pairs that total 10 to make the next multiple of 10 * Use patterns in calculations | **Wk 5**  Doubling and halving (TS30) | Double multiples of 5 up to 50  Halve multiples of 10 up to 100  Find 1/3, ¼, 2/4, and ¾ of a length, shape or set of objects  Begin to locate fractions on a number line – halves and quarters |
| **Wk 6**  Number sequences and properties of number |  | **Wk 6**  Money (TS10) | * Recognise all coins and begin to use £.p notation for money; * Find totals of sets of coins * Relate to adding three or more numbers * Solve ‘real-life’ problems involving money (paying an exact sum) * Pay an exact sum using smaller coins up to £2; * Solve ‘real-life’ problems involving money (paying an exact sum) | **Wk 6**  Time (TS15) | * Begin to read simple weighing scales to the nearest labelled division * Read the time to the hour and half hour on analogue and 12-hour digital clocks |  |  | **Wk 6**  Measures – capacity (TS 25) | * Begin to read a simple capacity scale to the nearest labelled and * unlabelled division * Estimate a capacity, recording estimates * Measure capacities using uniform non-standard units | **Wk 6** |  |