**Year 3 Maths Plan: Autumn Term B**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Ongoing** | **Focussed Teaching (Consolidation)** | **Extension (Whole class teaching and guided work)** |
| **Week 1** | Count forwards and backwards in 2’s, 3’s, 5’s and 10’s, Recall facts in the 2, 5 and 10x tables, Compare and order 2-digit and 3-digit numbers, Know by heart + and – facts to 20, Use bonds for 10 to work out bonds to 100, Mentally add 3 1-digit numbers, double and halve numbers to 10 | **Place Value**  Read and write numbers up to 100  Know the value of each digit in a 2-digit number  Compare and order numbers to 100  Use the < and > signs  Show working out with diagrams  Solve problems involving place value | Read and write numbers to 1000  Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)  Partition and recombine 3-digit numbers  Compare and order numbers up to 1000  3-digit numbers in different representations  Show working out with diagrams  Solve problems involving place value (TFMD) |
| **Week 2 and 3** | **Addition**  Add a 2-digit number and a 1-digit number  Add a 2-digit number and a multiple of 10  Add 2 2-digit numbers  Add 2 2-digit numbers with bridging (apparatus)  Add 3 1-digit numbers  Word problems  (number lines, hundred square and practical apparatus)  Show working out with diagrams | Add 3-digit numbers using apparatus  Show working out with diagrams  Expanded method of addition with 3-digit numbers  Introduction to column method of addition (no bridging) |
| **Week 3 and 4** | **Subtraction**  Subtract a 1-digit number from a 2-digit number  Subtract a multiple of 10 from a 2-digit number  Subtract 2 2-digit numbers  Show working out with diagrams  Word problems  (number lines, hundred square and practical apparatus) | Subtraction of 2 3-digit numbers using apparatus (without exchange)  Subtraction of 2 3-digit numbers using apparatus (with exchange)  Show working out with diagrams  Intro to simple formal subtraction (no exchange)  Word problems |
| **Week 5** | **Multiplication**  Investigate / consolidate multiplication as repeated addition  Use diagrams to show multiplication calculations  Revision of 2, 5 and 10x tables (recall)  Solve missing number calculations involving 2, 5 and 10x tables  Solve problems involving multiplication (2, 5 and 10 times tables) | Multiply by 3 and 4  Use diagrams to show multiplication calculations  Reasoning and problem solving activities  Problem solving involving 2, 3, 4, 5 and 10 x tables  Use inverse to check answers |
| **Week 6** |  | **Division**  Investigate division as sharing equally between groups  Consolidate division as repeated subtraction  Divide numbers by 2, 5 and 10  Show working out with diagrams  Use x facts to help with division facts (inverse)  Solve problems involving division | Divide quantities by 3 and 4  Show working out with diagrams  Reasoning and problem solving activities  Find remainders after division |
| **Week 7** |  | **Statistics**  Constructing pictograms and bar charts from given information.  **Measuring**  Measuring to the nearest centimetre | Interpret a range of scales on pictograms and bar charts |
|  |  | **Christmas Holidays** |  |

*\*\* Planning may change to suit the needs and abilities of the children at the time*