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| Term | Week: | | | **Maths Weekly Planning Sheet**  **Multiplication & Division** | | | | | | | | | | |
| **Achievement Objectives** | | | | | | | | | | | | | | |
| **Level 1** | | | | | | | | | **Level 2** | | | | | |
| **Year 1**  **Level 1 – Emergent – Stage 1 & 2** | | | | | | **Year 2**  **Level 1 – Stage 3 & 4** | | | **Year 3 & 4**  **Level 2 – Stage 4 & 5 AC - EA** | | | **Extension**  **Level 3 – Stage 5 & 6 EA - AA** | | |
| ***Number Strategies -***  *Use a range of counting, grouping, and equal-sharing strategies with whole numbers and fractions*  ***Number Knowledge*** *- Know the forward and backward counting sequences of whole numbers to 100. Know the groupings with five, within ten, and with ten.* | | | | | | | | | ***Number Strategies -***  *Use simple additive strategies with whole numbers and fractions*  ***Number Knowledge*** *- Know forward and backward counting sequences with whole numbers to at least 1000.*  *Know basic multiplication & division facts*  *Know how many ones, tens, and hundreds are in whole numbers to at least 1000.* | | | | | |
| **Stage 1 – 3**  **Knowledge**   * Identify numbers in the range 0–20, at least. * Say the forward and backward number word sequences in the range 0–20, at least. * Order numbers in the range 0–20, at least. * Skip count by 2’s & 5’s * Know doubles and halves to 20   **Strategies** | | | | | | **Stage 3 – 4**  **Knowledge**   * Identify all of the numbers in the range 0– 100 at least. * Skip count by 2’s, 5’s & 10’s * Know doubles and halves to 20   **Strategies**   * Solve multiplication problems by skip counting in 2’s, 5’s & 10’s * Solve multiplication problems using arrays * Work out multiplication facts from what we know about 2’s, 5’s & 10’s * Solve division problems by equal sharing in ones, 2’s and 5’s. * Solve problems about how many sets can be made | | | **Stage 4 – 5 AC - EA**  **Knowledge**   * Identify & order all of the numbers in the range 0-1000 * Identify doubles & halves * Convert 10’s to 100’s & vice versa * Identify how many 10’s in numbers up to 1000 * Skip count forwards & backwards in the range 0-100 for 2’s, 3’s, 5’s & 10’s. * Recognise multiples of 2,5 & 10   **Strategies**   * Use repeated addition, and adding & subtracting from known facts to solve multiplication problems with 2’s, 3’s 4’s, 5’s and 10’s at least * Change the order of the factors to make multiplication problems easier.(*Commutative Property)* * Use repeated addition, and adding & subtracting from known addition & subtraction facts to solve simple division problems by sharing and sets of | | | **Stage 5 – 6 EA – AA**  **Knowledge**   * Identify all of the numbers in the range 0 - 1 000 000. * Skip count by 10’s 100’s & 1000’s * Solve multiplication problems using arrays * Work out multiplication facts from what we know about 2’s, 5’s & 10’s * Recall groupngs of 2’s, 3’s 5’s & 10’s that are in numbers to 100 and the resulting remainders. * Recall groupings of 10 and 100 that can be made from 4 digit numbers. * Recall basic multiplication facts. * Apply basic multiplication facts. * Multiply 10’s 100’s, 1000’s & other 10’s numbers.   **Strategies**   * Use times five facts to work   out times six, seven, and four  facts *(using the distributive*  *property)*   * Use times ten facts to work   out times nine facts *(using*  *the distributive property)*  *•* Change the order of the factors to make multiplication problems easier.(*Commutative Property)*   * Multiply by 10’s, 100’s 1000’s & other multiples of 10. * Use two times facts to work out three, four, six, and eight times facts *(using doubling and the distributive property)* * Solve sharing problems by reversing multiplication facts * Solve “How many equal sets of ?” problems by reversing multiplication facts * Solve problems using a combination of addition, subtraction, multiplication and division mental strategies | | |
| **Vocabulary – Level 1** | | | | | **Vocabulary – Level 2** | | | | **Vocabulary – Level 3** | | | Games | | |
| answer, double, equals, estimate, is equal to, numerals, problem, objects, solve, ten | | | | | answer, digit, double, equals, expand, half, is equal to, multiply, numerals, objects, problem, solve, share | | | | Approximation, calculation, compare, equation, estimation, inverse, remainder | | |  | | |
| **Group** | | | **Monday** | | | | | **Tuesday** | | **Wednesday** | **Thursday** | | **Friday** | |
| **Maintenance** | | **Mon** – Against the Clock | | | | | **Tues** – 10/20 Quick Q | | | **Wed –** 21 | **Thurs -** | | | **Fri -** |
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