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| Term 1 | Week: 7 | **Maths Weekly Planning Sheet - Addition & Subtraction** |
| **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 the basic addition and subtraction 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.
* Instantly recognise patterns to ten (doubles and five based), including finger and tens frame patterns.
* Recall facts within five and doubles to ten.

**Strategies*** Adding & subtracting facts to 5 using materials or by imaging.
* Adding & subtracting facts using 5 as one of the addends using materials or by imaging.
* Adding & subtracting facts to 10 using materials or by imaging.
* Identifying words & numbers to 20
 | **Stage 3 – 4** **Knowledge*** Identify all of the numbers in the range 0– 100 at least.
* Say the forwards and backwards number word sequences in the range 0– 100, at least, connecting that the result of adding or taking one more/less
* Order numbers in the range 0–100, at least.
* Recall the facts to ten, and the teen facts, e.g. 3 + 7 = 10, 10 - 6 = 4, 10 + 8 = 18
* Recall the doubles to 20, e.g. 7 + 7 = 14.

**Strategies*** Add by counting on in ones from the biggest number
* Subtract by counting back in ones.
* Group & count in 10’s.
* Groups of ten can be added and subtracted by using simple addition facts
* Addition is commutative, so the order of the numbers can be rearranged to make counting on easier
* Add & subtract 10’s to 100
 | **Stage 4 – 5 AC - EA****Knowledge*** Identify & order all of the numbers in the range 0-1000
* Say the forwards and backwards number word sequences by ones, tens, and hundreds in the range 0-1000. Say the number 1, 10, or 100 more or less than a given number in the range 0-1000.
* Recall the number of tens and hundreds in centuries and thousands.
* Record the results of addition calculations, using equations and diagrams.
* Recall groupings within 100, e.g. 49 and 51
* Recall addition and subtraction facts to 20

**Strategies*** Numbers can be rearranged and combined to make ten
* Addition is associative, so addends can be regrouped to solve a problem more efficiently.
* Addition and subtraction problems can be solved by partitioning one of the numbers to go up or back through ten
* Change unknown problems can be solved by using place value knowledge of tens and ones or by partitioning through tens.
* 16 + ☐ = 25 67- ☐ = 21
* Knowledge of doubles can be used to work out problems close to a double.
* The equals sign represents balance.
 | **Stage 5 – 6 EA – AA****Knowledge*** Identify all of the numbers in the range 0 - 1 000 000.
* Say the forwards and backwards whole number word sequences by ones, tens, hundreds, and thousands in the range 0 – 1 000 000, including finding numbers that are 10, 100, and 1 000 more or less than a given number
* Recall groupings within 1000, e.g., 240 + 760.
* Record the results of mental calculation using addition and subtraction equations and diagrams
* Recall how many tens and hundreds there are in four digit numbers.
* Round whole numbers to the nearest ten, hundred, or thousand

**Strategies*** using a number line to solve change unknown problems
* 10 tens make one hundred and 10 hundreds make one thousand
* Solve addition and subtraction problems using place value
* Solve addition and subtraction problems by using rounding and compensating
* Addition and subtraction are inversely related
 |
| **Vocabulary – Emergent** | **Vocabulary – Level 1,2,3** | **Games** |
| *Add, addition, after, answer, backwards, before, between, bigger, biggest, double, equals, estimate, even, forwards, greater, is equal to, less than, minus, more then, number name, numerals, plus, problem, smaller, smallest, subtract, take away* | **Emergent words** + *objects, odd, plus, problem, solve, ten, whole* | Loopy, Bingo, Bingo, 21 |
| **Group** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Maintenance** | **Mon** – Against the Clock | **Tues** – 10/20 Quick Q | **Wed –**  | **Thurs -** 21 | **Fri –**  |
|  | **T1**  | **Practice –** |  | **T1**  |  |
|  | **Practice – T2**  | **Practice**  |  | **Practice**  |  |
|  | **Practice**  | **Practice - T2**  |  | **Games – Loopy**  |  |
|  |  | **T1**  |  |  |  |