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| **SCHOOL LOGO Maths Group plan** | | | | | | | | **Focus:** | | **Term:** 4  **Week:1** | |
|  | **Number Identification/Number Sequence/Order** | | | | **Grouping/Place Value/Basic Facts/Written recording** | | | **Operational domains(Strategy)** | | | |
| **Stage 1**  **One-One Counting** | * I can identify all of the numbers up to 10 * I can count forwards up to 10. * I can count backwards from 10.I can say the number that comes before another number up to 10. * I can say the number that comes after another number up to 10 * I can order numbers up to 10. | | | | * I can recognise patterns up to five on my fingers. * I can recognise patterns up to five on materials. * I can write numbers up to 10. | | | * **Addition/Subtraction**   I can count a set of objects when someone else makes the set for me.   * **Multiplication/Division**   I can count a set of objects when someone else makes the set for me.   * **Proportions/Ratios**   I am trying to make my sets the same. | | | |
| **Groups** | **Monday** | | | **Tuesday** | | **Wednesday** | **Thursday** | | **Friday** | | **Future Planning** |
|  | *We Are Learning To:* | | | | | | | | | |  |
| **Dai**  **ly**  **Focus** |  |  | | |  |  | |  | |
| **Whole class:** |  | | | | | | | | | | |

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| **Stage 2**  **Counting from One on materials** | * I can identify all of the numbers up to 20. * I can count forwards up to 20. * I can count backwards from 20. * I can say the number that comes before another number up to 20. * I can say the number that comes after another number up to 20. * I can order numbers up to 20. | | | | * I know groupings within 5. * I know groupings with 5. * I know groupings within 10. * I can recognise patterns up to 10 on my fingers. * I can recognise patterns up to 10 on materials. * I know addition facts to 5. * I know subtraction facts to 5. * I know doubles to 10. * I can write numbers up to 20. * I can write the answers to questions using pictures and diagrams. * I can write questions and answers, using symbols, with help from the teacher. | | | * **Addition/Subtraction**   -I can solve simple addition problems by counting all of the objects.  -I can solve simple subtraction problems by counting all of the objects.   * **Multiplication/Division**   I can solve simple multiplication and division problems by counting all of the objects.   * **Proportions/Ratios**   -I can divide a region into equal parts using materials.  -I can share equally using materials. | | | |
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| **Stage 3**  **Counting from One by Imaging** | * I can identify all of the numbers up to 20. * I can count forwards up to 20. * I can count backwards from 20. * I can say the number that comes before another number up to 20. * I can say the number that comes after another number up to 20. * I can order numbers up to 20. | | | | * I know groupings within 5. * I know groupings with 5. * I know groupings within 10. * I can recognise patterns up to 10 on my fingers. * I can recognise patterns up to 10 on materials. * I know addition facts to 5. * I know subtraction facts to 5. * I know doubles to 10. * I can write numbers up to 20. * I can write the answers to questions using pictures and diagrams. * I can write questions and answers, using symbols, with help from the teacher. | | | * **Addition/Subtraction**   -I can solve simple addition problems by imaging the objects in my head.  -I can solve simple subtraction problems by imaging the objects in my head.   * **Multiplication/Division**   I can solve simple multiplication and division problems by imaging the objects in my head.   * **Proportions/Ratios**   -I can divide a region into equal parts using materials or imaging.  -I can share equally using materials or imaging. | | | |
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| **Stage 4**  **Advanced Counting** | * I can to identify all of the numbers up to 100. * I can identify the symbols:   ½ , ¼, ⅓, ⅕,   * I can count forwards up to 100. * I can count backwards from 100. * I can say the number that comes before another number up to 100. * I can say the number that comes after another number up to 100. * I can order numbers up to 100. * I can skip-count up to 100 forwards and backwards in 2’s, 5’s and 10’s. | | | | * I know groupings with 10. * I know groupings within 20. * I can tell you the number of 10’s in decades. * I can instantly recall addition and subtraction facts to 10. * I can instantly recall doubles to 20 * I can instantly recall halves to 20 * I know multiples of 10 that add up to 100. * I can write the answer to mental addition and subtraction problems using symbols. | | | * **Addition/Subtraction**   -I can solve addition problems by counting on.  -I can solve subtraction problems by counting back.  -I know that 10 is made up of 10 ones.  -I can solve addition and subtraction problems by counting up or back in 10’s and 1’s.   * **Multiplication/Division**   I can solve multiplication and division problems by skip-counting.   * **Proportions/Ratios**   -I can divide a region into equal parts using materials or imaging.  -I can share equally using materials or imaging. | | | |
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| **Stage 5**  **Early Additive** | * I can identify all of the numbers up to 1,000. * I can use symbols for the most common fractions including halves, quarters, thirds, fifths and tenths. * I can use symbols for improper fractions. * I can count forwards up to 1,000 in ones, tens and hundreds. * I can count backwards from 1,000 in ones, tens and hundreds. * I can say the number that comes before another number up to 1,000. * I can say the number that comes after another number up to 1,000. * I can order numbers up to 1,000. * I can order fractions with like denominators:   ¼ 2/4 ¾ etc.   * I can skip-count up to 100 forwards and backwards in 2’s, 3, 5’s and 10’s. | | | | * I know groupings within 100. * I know groupings of two that are in numbers to 20 like 8 groups of 2 in 17 * I know groupings of 5 in numbers up to 50. * I know groupings of 10 within 3 digit numbers. * I know the number of hundreds in centuries and thousands. * I can round 3 digit whole numbers to the nearest 10 or 100. * I can instantly recall addition facts to 20, and subtraction facts to 10. * I can instantly recall multiplication facts for the 2, 5 and 10 times tables. * I can instantly recall division facts for the 2, 5 and 10 times tables. * I can instantly recall the multiples of 100 that add to 1,000. * I can write the results of addition, subtraction and multiplication facts using equations and diagrams. | | | * **Addition/Subtraction**   -I can use what I know to estimate answers to questions.  -I can use what I know about basic facts to help me solve problems.  -I can use what I know about 10’s and 100’s to help me partition numbers.  -I can use what I know about 10’s and 100’s to round and compensate.  -I can solve problems that go back through 10’s.   * **Multiplication/Division**   I can solve multiplication and division problems by using repeated addition or subtraction   * **Proportions/Ratios**   -I can find a fraction of a number.  -I can solve division problems with remainders in my head using halving or what I know about basic facts. | | | |
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| **Stage 6**  **Advanced Additive**  **Early Multiplicative** | * I can identify all of the numbers up to 1,000,000. * I can identify decimals to three places. * I can identify symbols for any fraction including tenths, hundredths, thousandths, and improper fractions. * I can count forwards and backwards by ones, tens, hundreds and thousands up to 1,000,000. * I can say the number 1, 10, 100 and 1,000 before and after a given number up to 1,000,000. * I can count forwards and backwards in halves, quarters, thirds, fifths and tenths. * I can count forwards and backwards in tenths and hundredths. * I can order whole numbers up to 1,000,000. * I can say unit fractions for halves, thirds, quarters, fifths and tenths | | | | * I know groupings within 1,000. * I know groupings of 2, 3, 5 and 10 that are in numbers up to 100, and tell you how many will be left over. * I know groupings to 10 and 00 that can be made from a four-digit number, and tell you how many will be left over. * I know tenths and hundredths in decimals to two places. * I can round whole numbers to the nearest 10, 100 or 1,000. * I can round decimals with up to two decimal places to the nearest whole number. * I can instantly recall addition and subtraction facts to 20. * I can instantly recall multiplication facts up to the 10 times tables, and some division facts. * I can instantly recall multiplication basic facts with 10’s, 100’s and 1,000’s. * I can write the results of problems using addition, subtraction, multiplication and division equations. * I can explain my answers on a number-line or with a diagram. * I can perform column addition and subtraction with whole numbers up to 9,999. | | | * **Addition/Subtraction**   -I can estimate answers and solve addition and subtraction problems in my head.  -I can choose the best strategy to solve an addition or subtraction problem.  -I can solve addition and subtraction problems using rounding and compensating.  -I can solve addition and subtraction problems using reversibility.  -I can solve addition and subtraction problems using standard place value partitioning.   * **Multiplication/Division**   -I can solve multiplication and division problems using doubling and halving.  -I can solve multiplication and division problems using rounding and compensating.   * **Proportions/Ratios**   -I can use repeated halving or known multiplication and division facts to solve problems.  -I can find fractions of a set or region.  -I can rename improper fractions.  -I can solve division problems that have remainders.  -I can use simple repeated replication to solve simple problems involving rations and rates. | | | |
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