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| **Addition** | **Using number facts**   * Know pairs with each total to 20 e.g. *2 + 6 = 8, 12 + 6 = 18, 7 + 8 = 15* **(2A.1)** * Add two or three 1-digit numbers * Use related facts to add multiples of 10 and 100 e.g. 6 + 3 = 9 so 60 + 30 = 90 **(2A.2)** * Add a 1-digit number to any 2-digit number using number facts, including bridging multiples of 10 e.g. *57 + 5 (use abacus to show 57 + 5 = 57 + 3 + 2)* (**2A.3)** | **Mental Calculation**   * Add 10 and small multiples of 10 to any given 2-digit number **(2A.4)** * Add any pair of 2-digit numbers using an unstructured number line **(2A.5)** |

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| **Subtraction** | **Using number facts**   * Know pairs with each total to 20 e.g. *8 – 2 = 6* e.g. *18 – 6 = 12* e.g. *15 – 8 = 7* **(2S.1)** * Use related facts to subtract multiples of 10 and 100 e.g. 6-4=2 so 60-40=20 **(2S.2)** * Subtract a 1-digit number from any 2-digit number using number facts, including bridging multiples of 10 e.g. *57 – 5* e.g. *52 – 6 = 52 – 2 - 4* **(2S.3)** | **Taking Away (Count back)**   * Count back in 10s and small multiples of 10 from any given 2-digit number   using a hundred grid **(2S.4)**   * Count back in 10s and 1s from any given 2-digit number using an unstructured   number line **(2S.5)**  **Counting On (FROG)**   * Subtract any pair of 2-digit numbers by counting on (FROG) in 1s and 10s using an unstructured number line **(2S.6)** |

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| **Multiplication** | **Counting in steps**   * Count in 2s, 5s and 10s **(2M.1)** * Begin to count in 3s **(2M.2)** | **Doubling and Halving**   * Double numbers up to 20 **(2M.3)** * Begin to double multiples 10 **(2M.3)** | **Grouping**   * Begin to understand that multiplication is repeated addition and to use arrays   e.g. *3 × 4 is three rows of 4 dots* **(2M.4)**   * Begin to learn the ×2, ×3, ×5 and ×10 tables, seeing these as ‘lots of’ e.g. *5 lots of 2, 6 lots of 2, 7 lots of 2* | | |
| **Division** | **Counting**   * Using fingers, say where a given number is in the 2s, 5s or 10s count e.g. *8 is the fourth number when I count in 2s* **(2D.1)** | | **Doubling and Halving**   * Halve even numbers to 20 **(2D.2)** * Begin to halve numbers to 40 and multiples of 10 to 100 **(2D.2)** | **Grouping**   * Relate division to grouping e.g. *How many groups of 5 in 20 i.e.\_\_ x 5 = 20 and also 20 ÷5 = ?* **(2D.3)** | **Sharing**   * Find 1/2, 1/3, 1/4 and 3/4 of a quantity of objects and of amounts (whole number answers) **(2D.4)** |