

## Maths I CANS

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|---|--|--|--|--|
|   | <b>Number sense and exploring calculation strategies</b>   |  |  |  |
| 1 | I can read, write, order and compare numbers to 100  |  |  |  |
| 2 | I can calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference |  |  |  |
| 3 | I can derive new facts from a known fact   |  |  |  |

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|---|--|--|--|--|
|   | <b>Place Value</b>   |  |  |  |
| 1 | I can read, write, represent, partition, order and compare 3-digit numbers |  |  |  |
| 2 | I can find 10 and 100 more or less   |  |  |  |
| 3 | I can round to the nearest multiple of 10 and 100                          |  |  |  |

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|   | <b>Graphs</b>   |  |  |  |
| 1 | I can collect, interpret and present data using charts and tables |  |  |  |

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|   | <b>Addition and Subtraction</b>                                     |  |  |  |
| 1 | I can develop and use a range of mental calculation strategies      |  |  |  |
| 2 | I can illustrate and explain formal written methods – column method |  |  |  |

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|   | <b>Length and Perimeter</b>             |  |  |  |
| 1 | I can measure, draw and compare lengths |  |  |  |
| 2 | I can add and subtract lengths          |  |  |  |
| 3 | I can calculate perimeter               |  |  |  |

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|---|--|--|--|--|
|   | <b>Multiplication and Division</b>   |  |  |  |
| 1 | I can derive multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10   |  |  |  |
| 2 | I can understand multiplicative structures e.g. equal groups/parts, change and comparison, correspondence problems |  |  |  |
| 3 | I can understand relationships: commutativity and inverse  |  |  |  |

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|---|---|--|--|--|
|   | <b>Deriving Multiplication and Division Facts</b>                                   |  |  |  |
| 1 | I can multiply and divide by 10 and 100   |  |  |  |
| 2 | I can multiply a 2-digit number by 2, 3, 4, 5 and corresponding division situations |  |  |  |
| 3 | I can divide 2-digits by a 1-digit  |  |  |  |

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|---|---|--|--|--|
|   | <b>Time</b>   |  |  |  |
| 1 | I can tell, record, write and order the time analogue and digital |  |  |  |
| 2 | I can tell the time in a range of formats: 12-hour, a.m., p.m.    |  |  |  |
| 3 | I can measure, calculate and compare durations                    |  |  |  |

|   |  |  |  |  |
|---|--|--|--|--|
|   | <b>Fractions</b>   |  |  |  |
| 1 | I can understand and use part-whole relationships                            |  |  |  |
| 2 | I can understand fractions as part of a whole or a whole set and as a number |  |  |  |
| 3 | I can add, subtract, compare and order fractions                             |  |  |  |

| <b>Angles and Shape</b> |  |  |  |  |
|-------------------------|--|--|--|--|
| 1                       | I can identify angles including right angles and recognise them as a quarter of a turn |  |  |  |
| 2                       | I can identify and draw parallel and perpendicular lines                               |  |  |  |
| 3                       | I can draw/make, classify and compare 2-D and 3-D shapes                               |  |  |  |
| 4                       | I can measure the perimeter  |  |  |  |

| <b>Measures</b> |   |  |  |  |
|-----------------|---|--|--|--|
| 1               | I can read scales with different intervals when measuring mass and volume |  |  |  |
| 2               | I can weigh and compare masses and capacities with mixed units            |  |  |  |
| 3               | I can estimate mass and capacity  |  |  |  |

| <b>Securing Multiplication and Division</b> |  |  |  |  |
|---|--|--|--|--|
| 1   | I can recall and use multiplication and division facts for 6 and 8 times table |  |  |  |

| <b>Explore Calculation Strategies and Place Value</b> |  |  |  |  |
|---|--|--|--|--|
| 1   | I can add and subtract mentally          |  |  |  |
| 2   | I can find 10, 100 and 1000 more or less |  |  |  |
| 3   | I can order and compare beyond 1000      |  |  |  |
| 4   | I can round numbers                      |  |  |  |

### Mental Maths (Autumn, Spring and Summer)

| <b>Mental Addition and Subtraction</b> |   |  |  |  |
|--|---|--|--|--|
| 1                                      | I know + and - facts for all numbers to 20, e.g. $9 + 8$ , $17 - 9$ .   |  |  |  |
| 2                                      | I know sums and differences of multiples of 10, e.g. $50 + 80$ , $120 - 90$ .   |  |  |  |
| 3                                      | I know pairs of two-digit numbers with a total of 100, e.g. $32 + 68$ , or $32 + \square = 100$ .                                       |  |  |  |
| 4                                      | I know addition doubles for multiples of 10 to 100, e.g. $90 + 90$ .  |  |  |  |
| 5                                      | I can add and subtract groups of small numbers, e.g. $5 - 3 + 2$ .  |  |  |  |
| 6                                      | I can add or subtract a two-digit number to or from a multiple of 10, e.g. $50 + 38$ , $90 - 27$ , using partitioning when appropriate. |  |  |  |
| 7                                      | I can add and subtract two-digit numbers e.g. $34 + 65$ , $68 - 35$ , using partitioning when appropriate.                              |  |  |  |
| 8                                      | I can add near doubles, e.g. $18 + 16$ , $60 + 70$ .  |  |  |  |
| 9                                      | I can use partitioning to count on or back in minutes and hours, bridging through 60 (analogue times).                                  |  |  |  |

| <b>Mental Multiplication and Division</b> |   |  |  |  |
|---|---|--|--|--|
| 1   | I can recall multiplication and division facts for the 3 times table.   |  |  |  |
| 2   | I can recall multiplication and division facts for the 4 times table.   |  |  |  |
| 3   | I can recall multiplication and division facts for the 6 times table.   |  |  |  |
| 4   | I can recall multiplication and division facts for the 8 times table.   |  |  |  |
| 5   | I know doubles of multiples of 10 to 100, e.g. double 90, and corresponding halves.   |  |  |  |
| 6   | I can double any multiple of 5 up to 100, e.g. double 35.   |  |  |  |
| 7   | I can halve any multiple of 10 up to 200, e.g. halve 170.   |  |  |  |
| 8   | I can multiply 1-digit and 2-digit numbers by 10 or 100, e.g. $7 \times 100$ , $46 \times 10$ , $54 \times 100$ .                             |  |  |  |
| 9   | I can find unit fractions of numbers and quantities involving halves, thirds, quarters, fifths and tenths, using knowledge of division facts. |  |  |  |