

## Mastering Number Weekly Overview

### Year 1

| Week | Strand                               | Content   |
|------|--------------------------------------|---|
| 1    | Composition                          | Subitising and the composition of 5<br>Representations include finger patterns, the Hungarian number frame and the rekenrek   |
| 2    | Composition                          | Composition of 6-9 as '5 and a bit'<br>Representations include finger patterns, the Hungarian number frame and the 10-frame   |
| 3    | Composition                          | Composition of 6-9 as '5 and a bit'<br>Representations include finger patterns, the Hungarian number frame, the 10-frame and the rekenrek   |
| 4    | Comparison                           | Comparison of 2 sets of objects by matching<br>Focus on the language of comparison  |
| 5    | Counting, cardinality and ordinality | Focus on the ordinal aspect of number using the 'staircase' pattern<br>Counting forwards and backwards within 10 and linking this to 1 more/ 1 less than                                  |
| 6    | Composition                          | Composition of even numbers – as doubles<br>Focus on equal groups and moving between representations of doubles as finger patterns and on 10-frames                                       |
| 7    | Composition                          | Composition of even numbers – as being made of 2s   |
| 8    | Composition                          | Composition of 6 – identifying all the ways that 6 can be composed of 2 parts<br>Representations include a 2-by-3 array (die-pattern/ egg box) and 6 counters placed within a 3-by-3 grid |
| 9    | Composition                          | Composition of 8 – identifying all the ways that 8 can be composed of 2 parts<br>Representations include a 2-by-4 array (Numberblock Eight) and the rekenrek                              |
| 10   | Composition                          | Composition of 10 – identifying all the ways that 10 can be composed of 2 parts<br>Representations include: a 10-frame and the rekenrek   |
| 11   | Counting, cardinality and ordinality | Compare number tracks and number lines<br>Representations include the 'staircase' pattern, number tracks and number lines   |
| 12   | Composition                          | Composition of 7<br>Representations include finger patterns, the Hungarian number frame and the rekenrek  |
| 13   | Composition                          | Composition of 9<br>Representations include finger patterns and the 3-by-3 array (Numberblock Nine)   |

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| <b>14</b> | <b>Composition</b>                   | <b>Composition of odd and even numbers – odd and even parts<br/>Representations include the Numberblocks and number plates</b>  |
| 15        | Composition                          | Partitioning numbers – introducing part-part-whole diagrams and use of the language of ‘part’ and ‘whole’   |
| 16        | Composition                          | Partitioning systematically – using ‘number houses’ to show the systematic partitioning of numbers within 10  |
| 17        | Composition                          | Partitioning systematically – continued   |
| 18        | Number facts and arithmetic          | Addition and subtraction structures – augmentation and reduction through ‘ <i>first, then, now</i> ’ stories – adding 1 and subtracting 1, linked to odd and even patterns. |
| 19        | Number facts and arithmetic          | Addition and subtraction structures – augmentation and reduction through ‘ <i>first, then, now</i> ’ stories – adding 2   |
| 20        | Number facts and arithmetic          | Subtraction within 10 – subtracting odd and even parts (no equations) from 6, 8 and 10<br>Connects the partitioning and reduction structures of subtraction.                |
| 21        | Number facts and arithmetic          | Subtraction within 10 – subtracting odd and even parts (no equations) from 5, 7 and 9<br>Connects the partitioning and reduction structures of subtraction                  |
| <b>22</b> | <b>Composition</b>                   | <b>Composition of 11-15 as ‘10 and a bit’<br/>Representation include the Numberblocks, the rekenrek and the ‘double decker bus’</b>   |
| 23        | Counting, cardinality and ordinality | Compare numbers 11-15 and see their position on the number line - linked to their composition as ‘10 and a bit’.  |
| 24        | Number facts and arithmetic          | Introduce the symbols + and = linked to addition as aggregation   |
| 25        | Number facts and arithmetic          | Introduce the symbols – and = linked to subtraction as partitioning   |
| <b>26</b> | <b>Composition</b>                   | <b>Practical games involving retrieval of composition of numbers within 10</b>  |
| 27        | Composition                          | Compare numbers 16-19 and see their position on the number line - linked to their composition as ‘10 and a bit’   |
| 28        | Number facts and arithmetic          | Addition as augmentation – practice in linking ‘stories’ involving augmentation to equations.   |
| 29        | Number facts and arithmetic          | Continuing addition as augmentation including writing equations, then practising reduction using the same ‘ <i>first, then, now</i> ’ story in reverse.                     |
| <b>30</b> | <b>Retrieval</b>                     | <b>Retrieval – addition and subtraction within 10</b>   |
| <b>31</b> | <b>Retrieval</b>                     | <b>Retrieval – addition and subtraction within 10</b>   |