Subtraction Progression Document

| EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| Uses the language 'fewer' to compare two sets of objects. | Reads, writes and interprets mathematical statements involving subtraction (-) and equals (=) signs. | Solves problems with subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures. | Subtracts numbers mentally, including a threedigit number and ones. | Subtracts numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. | Subtracts whole numbers with more than 4 digits, including using formal written methods. | Can use formal methods to solve multi-step problems |
| In practical activities and discussion, beginning to use the vocabulary involved in subtracting. | Represents and uses number bonds and related subtraction facts within 20. | Solves problems with subtraction applying their increasing knowledge of mental and written methods. | Subtracts numbers mentally, including a threedigit number and tens. | Estimates and uses inverse operations to check answers to a calculation. | Subtracts numbers mentally with increasingly large numbers. | Can calculate mentally, using efficient strategies such as manipulating expressions using commutative and distributive properties to simplify the calculation |
|  | Subtracts one-digit and two-digit numbers to 20, including zero. | Can subtract any 2 two-digit numbers using an efficient strategy, explaining their method verbally, in pictures or using apparatus (e.g. $48+$ 35; 72-17) | Subtracts numbers mentally, including a threedigit number and hundreds. | Solves subtraction two-step problems in contexts, deciding which operations and methods to use and why. | Uses rounding to check answers to calculations and determines, in the context of a problem, levels of accuracy. |  |
| ELG <br> They solve problems, including doubling, halving and sharing. | Solves one-step problems that involve subtraction, using concrete objects and pictorial representations, and missing number problems such as $7=n-9$. | Subtracts numbers using concrete objects, pictorial representations, and mentally, including subtracting 3 single-digit numbers. | Subtracts numbers with up to three digits, using formal written methods of columnar subtraction. |  | Solves subtraction multistep problems in contexts, deciding which operations and methods to use and why. |  |
| ELG <br> Using quantities and objects, they subtract two single-digit numbers and count on or back to find the answer. |  | Shows that addition of two numbers can be done in any order and subtraction of one number from another cannot. | Estimates the answer to a calculation and uses inverse operations to check answers. |  |  |  |
| ELG <br> say which number is one less than a given number. They recognise, create and describe patterns. |  | Can recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships (eg. If $7+3=$ 10 , then $17+3=20$; if $7-3$ $=4$, then $173=14$; leading to if $14+3=17$, then $3+14$ $=17,1714=3$ and $17-3=$ 14) | Solves problems, including more complex subtraction. |  |  |  |

