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| **Y1** | **Read, write and interpret mathematical statements involving (+), (–) and (=) signs**  **Represent and use number bonds and related subtraction facts within 20**  **Add and subtract one-digit and two-digit numbers to 20, including zero**  **Solve one-step problems that involve addition and subtraction, using concrete**  **objects and pictorial representations, and missing number problems** |
| **Y2** | **Solve problems with addition and subtraction:**  ** Using concrete objects and pictorial representations, including those**  ** involving numbers, quantities and measures**  ** Applying their increasing knowledge of mental and written methods**  **Recall and use addition and subtraction facts to 20 fluently, and derive and use**  **related facts up to 100**  **Add and subtract numbers using concrete objects, pictorial representations, and**  **mentally, including:**  ** a two-digit number and ones**  ** a two-digit number and tens**  ** two two-digit numbers**  ** adding three one-digit numbers**  **Show that addition of two numbers can be done in any order (commutative) and**  **subtraction of one number from another cannot**  **Recognise and use the inverse relationship between addition and subtraction and**  **use this to check calculations and solve missing number problems.** |
| **Y3** | **Add and subtract numbers mentally, including:**  ** a three-digit number and ones**  ** a three-digit number and tens**  ** a three-digit number and hundreds**  **Add and subtract numbers with up to three digits, using formal written methods**  **of columnar addition and subtraction**  **Estimate the answer to a calculation and use inverse operations to check answers**  **Solve problems, including missing number problems, using number facts, place**  **value, and more complex addition and subtraction.** |
| **Y4** | **Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate**  **Estimate and use inverse operations to check answers to a calculation**  **Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.** |
| **Y5** | **Add and subtract whole numbers with more than 4 digits, including using formal**  **written methods (columnar addition and subtraction)**  **Add and subtract numbers mentally with increasingly large numbers**  **Use rounding to check answers to calculations and determine levels of accuracy**  **Solve addition and subtraction multi-step problems in contexts, deciding which**  **operations and methods to use and why.** |
| **Y6** | |  | | --- | | **Perform mental calculations, including with mixed operations and large numbers**  **Use their knowledge of the order of operations to carry out calculations involving the four operations**  **Solve addition and subtraction multi-step problems in contexts, deciding which**  **operations and methods to use and why**  **Solve problems involving addition, subtraction, multiplication and division**  **Use estimation to check answers to calculations and determine, in the context of**  **a problem, an appropriate degree of accuracy.** | |

**MATHS: ADDITION AND SUBTRACTION**

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