|  |  |
| --- | --- |
| **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**

|  |
| --- |
|  |