

Algebra

| EQUATIONS | | | | | |
|--|--|---|--------|---|---|
| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| <p>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ (copied from Addition and Subtraction)</p> | <p>recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems. (copied from Addition and Subtraction)</p> | <p>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction)</p> | | <p>use the properties of rectangles to deduce related facts and find missing lengths and angles (copied from Geometry: Properties of Shapes)</p> | <p>express missing number problems algebraically</p> |
| | | <p>solve problems, including missing number problems, involving multiplication and division, including integer scaling (copied from Multiplication and Division)</p> | | | |
| | <p>recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (copied from Addition and Subtraction)</p> | | | | <p>find pairs of numbers that satisfy number sentences involving two unknowns</p> |
| <p>represent and use number bonds and related subtraction facts within 20 (copied from Addition and Subtraction)</p> | | | | | <p>enumerate all possibilities of combinations of two variables</p> |

Algebra

| FORMULAE | | | | | |
|---|--|--------|---|--------|--|
| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| | | | <p>Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit. (Copied from NSG measurement)</p> | | <p>use simple formulae</p> <p>recognise when it is possible to use formulae for area and volume of shapes (copied from Measurement)</p> |
| SEQUENCES | | | | | |
| <p>sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening (copied from Measurement)</p> | <p>compare and sequence intervals of time (copied from Measurement)</p> <p>order and arrange combinations of mathematical objects in patterns (copied from Geometry: position and direction)</p> | | | | <p>generate and describe linear number sequences</p> |