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| MATHS: Ratio REC to Y6 |
|  | EYFS Skills | Key Stage 1 Skills | Lower Key Stage 2 Skills | Upper Key Stage 2 Skills |
|  | End of RECExpectations | End of Year 1Expectations | End of Year 2 Expectations | End of Year 3 Expectations | End of Year 4 Expectations | End of Year 5 Expectations | End of Year 6 Expectations |
| ASPECT | Average age 5 years 6 months | Average age 6yrs 6months | Average age 7years 6 months | Average age8years 6 months | Average age 9 years 6 months | Average age 10 years 6 months | Average age 11 years 6 months |
| **Equations** |  | *solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and* ***missing number problems*** *such as* *7 =* 🗆 *- 9* (copied from Addition and Subtraction)*represent and use number bonds and related subtraction facts within 20* (copied from Addition and Subtraction) | *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)*recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100*(copied from Addition and Subtraction) | solve problems, *including* ***missing number*** *problems, using number facts, place value, and more complex addition and subtraction.* (copied from Addition and Subtraction)*solve problems, including* ***missing number*** *problems, involving multiplication and division, including integer scaling* (copied fromMultiplication and Division) |  | *use the properties of rectangles to deduce related facts and find* ***missing lengths and angles***(copied from Geometry: Properties of Shapes) | express missing number problems algebraicallyfind pairs of numbers that satisfy number sentences involving two unknownsenumerate all possibilities of combinations of two variables |
| **Formulae** |  |  |  |  | *Perimeter can be expressed algebraically as 2(a + b) where a and b are the dimensions in the same unit.* *(Copied from NSG measurement)* |  | use simple formulae*recognise when it is possible to use* ***formulae*** *for area and volume of shapes* (copied from Measurement) |
| **Sequences** |  | *sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening*(copied from Measurement) | *compare and sequence intervals of time*(copied from Measurement)*order and arrange combinations of mathematical objects in patterns* (copied from Geometry: position and direction)  |  |  |  | generate and describe linear number sequences |
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