

# SHCPS Progression in Ratio & Proportion

|                               | EYFS                                                                                                                      | Year 1 | Year 2 | Year 3                                                                                                                                                                                                                                                   | Year 4                                                                                                                                                                                                                                                                             | Year 5                                                                                                                                        | Year 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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|                               | <b>Three and Four-Year-Olds</b><br><b>Reception</b><br><b>Early Learning Goals</b>                                        |        |        |                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               | ALTHOUGH RATIO & PROPORTION IS ONLY FOUND IN YEAR 6, LINKS SHOULD BE MADE TO WORK ON FRACTIONS, MULTIPLICATION & DIVISION |        |        |                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RATIO &amp; PROPORTION</b> |                                                                                                                           |        |        | <i>solve problems, including missing number problems, involving multiplication and division, including <b>positive integer scaling problems</b> and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objects.</i> | <i>solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, <b>integer scaling problems</b> and harder correspondence problems such as <math>n</math> objects are connected to <math>m</math> objects</i> | <i>solve problems involving multiplication and division, <b>including scaling by simple fractions and problems involving simple rates</b></i> | solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts<br><br>solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison<br><br>solve problems involving similar shapes where the scale factor is known or can be found<br><br>solve problems involving unequal sharing and grouping using knowledge of fractions and multiples |