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| **Progression of Skills in: Ratio and Proportion** |

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|  | **Statements only appear in Year 6 but should be connected to previous learning, particularly fractions and multiplication and division** |
| **Skill** | **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Ratio and Proportion**  | *Sort objects to show twice as many* | *Sort objects and recognise twice as many using diagrams such as a bar model Non statutory* | *Use bar models to represent simple proportional problems Non statutory*  | *Use bar models to represent Non statutory proportional problems Non statutory* | *Use bar models to represent simple proportional problems Non statutory* | *Use bar models to represent multi-step proportional problems Non statutory* | solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts  |
|  |  |  |  |  |  | solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison  |
|  |  |  |  |  |  |  | solve problems involving similar shapes where the scale factor is known or can be found  |
|  |  |  |  |  |  | solve problems involving unequal sharing and grouping using knowledge of fractions and multiples. |