



Progression in Mathematics: Ration and Proportion

Concept	Nursery and EYFS 	Year 1 and Year 2 	Year 3 and Year 4 	Year 5 and Year 6 
Ratio and Proportion	continue, copy and create repeating patterns extend and create ABAB patterns stick / leaf/stick/leaf continue, copy and create repeating patterns extend and create ABAB patterns stick / leaf/stick/leaf	continue, copy and create repeating patterns extend and create ABAB patterns	use the language of ratio and proportion create coloured strips, identifying the ratio and proportion of colours understand the relationship between ratio, proportion and fractions understand the relationship between scaling and multiplication solve recipe problems involving ratio and proportion, and scaling	use the language of ratio and proportion understand the relationship between ratio, proportion and fractions understand the relationship between scaling and multiplication create coloured strips, identifying the ratio and proportion of colours solve recipe problems involving ratio and proportion, and scaling solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts solve problems involving the calculation of percentages- use the 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