



Mount Charles School
Ratio and proportion
Objective K-Knowledge S-Skills



	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
New Vocabulary							Ratio Scale factor similar
Statements only appear in Year 6 but should be connected to previous learning, particularly fractions and multiplication and division							<p>solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>K – multiplication and division facts to 12x12 S – solve problems involving the relative sizes of two quantities where missing values can be found using integer multiplication and division facts</p> <p>solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</p> <p>K – how to find percentages of an amount S- solve problems involving the calculation of percentages S – use percentages for comparison</p> <p>solve problems involving similar shapes where the scale factor is known or can be found</p> <p>K – factors of numbers K – what scale factor means K – properties of shapes S – 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.</p> <p>K – knowledge of fractions K – multiples of numbers S – solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p>