College Road
Primary School

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Ratio and Proportion						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/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.

Algebra	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ – 9	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	Solve problems, including missing number problems			Use simple Formulae. Generate and describe linear number sequences. Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with two unknowns. Enumerate possibilities of combinations of two variables.
	*Note – although formal algebraic notation is not introduced until Y6, algebraic thinking starts much earlier as exemplified by the 'missing number' objectives from Y1/2/3					
Spring						Block 1 Week 1 – 2 Block 2 Week 1 - 4

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Small Steps Spring						**Block 1** 1. Add or multiply? 2. Using ratio language 3. Introduction to the ratio symbol 4. Ratio and fractions 5. Scale drawing 6. Using scale factors 7. Similar shapes 8. Ratio problems 9. Proportion problems 10. Recipes **Block 2** 1. 1-step function machines 2. 2-step function machines 3. Form expressions 4. Substitution 5. Formulae 6. Form equations 7. Solve 1-step equations 8. Solve 2-step equations

						9. Find pairs of values 10. Solve problems with two unknowns