



Happisburgh CE VA Primary & Early Years School



Maths Progression – Algebra

Equations						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ <i>(copied from Addition and Subtraction)</i>	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems . <i>(copied from Addition and Subtraction)</i>	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. <i>(copied from Addition and Subtraction)</i> . Solve problems, including missing number problems, involving multiplication and division, including integer scaling <i>(copied from Multiplication and Division)</i>		Use the properties of rectangles to deduce related facts and find missing lengths and angles <i>(copied from Geometry: Properties of Shapes)</i>	Express missing number problems algebraically
		Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 <i>(copied from Addition and Subtraction)</i>				Find pairs of numbers that satisfy number sentences involving two unknowns
	Represent and use number bonds and related subtraction facts within 20 <i>(copied from Addition and Subtraction)</i>					Enumerate all possibilities of combinations of two variables



Happisburgh CE VA Primary & Early Years School



Maths Progression – Algebra

Formulae						
				Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit. <i>(Copied from NSG measurement)</i>		Use simple formulae. Recognise when it is possible to use formulae for area and volume of shapes <i>(copied from Measurement)</i>

Sequences						
	Sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening <i>(copied from Measurement)</i>	Compare and sequence intervals of time <i>(copied from Measurement)</i> Order and arrange combinations of mathematical objects in patterns <i>(copied from Geometry: position and direction)</i>				Generate and describe linear number sequences