



Waddington All Saints Academy

A L.E.A.D. Academy

Planning overview

(We aim to teach in a creative way and to ensure that pupils make connections with maths and the wonder of the world, therefore teachers will pick objectives to fit with other areas of the curriculum. The organisation is for guidance purposes and progression).

Year 6 algebra ratio and proportion

	Autumn Term	Spring Term	Summer Term					
Y Skills- year 6 algebra: apply, estimate, connect, use, solve, interpret, conjecture, analyse, investigate, conclude.								
	Knowledge	Knowledge	Knowledge					
6	1.use simple formulae 2.express missing number problems algebraically $2a + 7 = a + 11$ <table border="1" data-bbox="262 1078 819 1166"><tr><td>a</td><td>a</td><td>7</td></tr></table> <table border="1" data-bbox="262 1206 819 1294"><tr><td>a</td><td>11</td></tr></table>	a	a	7	a	11	1.generate and describe linear number sequences 2. find pairs of numbers that satisfy an equation with two unknowns	3. enumerate possibilities of combinations of two variables.
a	a	7						
a	11							



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	Autumn Term	Spring Term	Summer Term
Y6 Skills- year 6 ratio and proportion: apply, estimate, connect, use, solve, interpret, conjecture, analyse, investigate, conclude.			
	Knowledge	Knowledge	Knowledge
6	1.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 unequal sharing and grouping using knowledge of fractions and multiples.	1. solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts 2. solve problems involving similar shapes where the scale factor is known or can be found	



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