

Year 6 Maths Curriculum Overview

Year 6	Autumn 1	Autumn 2
5-a-day	<ul style="list-style-type: none"> - Revision of number fluency taught in Years 3-5 including place value, four operations, fractions, decimals and percentages. 	<ul style="list-style-type: none"> - Revision of number fluency taught in Years 3-5 including place value, four operations, fractions, decimals and percentages.
Maths Concepts	<ul style="list-style-type: none"> - How to read and write numbers up to 10,000,000 - How to compare and order numbers up to 10,000,000 (6NPV-2) - How to reason about the location of any number up to 10 million including fractions in a linear number system (6NPV-3) - Learning how to divide powers of 10 from 1 hundredth to 10 million into 2,4,5 and 10 equal parts (6NPV-4) - How to compare and order decimals and fractions up to 3dp (6NPV-3) - How to simplify, order, compare and find the lowest common denominator (6F-1, 2 and 3) - Common F/D/P equivalents 	<ul style="list-style-type: none"> - How to calculate fraction and percentage of amounts - How to round numbers to the nearest whole and powers of 10 (down to 2dp) (6NPV-3) - How to use column addition and subtraction (including decimals) (6AS/MD1) - How to mentally add and subtract large numbers including rounding, compensating and doubling/halving (6AS/MD1) - BIDMAS - Multiplication with mental methods - Multiplying 4-digits by 2-digits in a formal method - Division with mental methods - Dividing 4-digits by 2-digits in a formal method - Factors, multiples and primes - Adding and subtracting fractions - Multiplying fractions
	Spring 1	Spring 2
5 a day Focus skills	<ul style="list-style-type: none"> - Revision of number fluency taught in Years 3-6 including place value, four operations, fractions, decimals and percentages. 	<ul style="list-style-type: none"> - Revision of number fluency taught in Years 3-6 including place value, four operations, fractions, decimals and percentages.
Maths Concepts	<ul style="list-style-type: none"> - Dividing fractions - Dividing whole numbers and decimals - Multiplying decimals - Converting metric measures - Converting miles and km - Ratio 	<ul style="list-style-type: none"> - Revision of 4 operations - Revision of fractions, decimals - Area and perimeter - Volume - Properties of shapes - Position and direction - Translations and reflections - Negative numbers
	Summer	
5 a day Focus skills	Revision of number fluency taught in Years 3-6 including place value, four operations, fractions, decimals and percentages.	
Maths Concepts	<ul style="list-style-type: none"> - Revision of percentages, properties of shape - Position and direction - Translations and reflections - Averages - Pie charts - Line graphs - Patterns in algebra - Algebraic equations - Algebraic formulae - Calculating angles 	