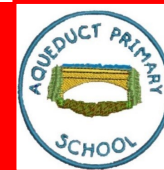


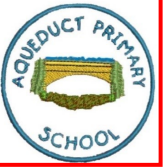
*Reception  
Long Term Plan*

# Aqueduct Primary School Maths Long Term Plan



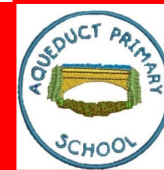
## Reception

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Baseline Assessments & Getting to know your learners.		Numbers, counting and recognition. Numbers 1-5				2D Shape	Measure	Subitising		Numbers 1-5 Number bonds of 5	
Spring	Numbers, counting and recognition. Numbers 1-10			2D/3D Shape	Working with numbers to 10 Number bonds to 10 Addition & Subtraction 1 more & 1 less		Measures and Shape		Doubling and sharing		Measure & Revisit Number bonds to 10	
Summer	Counting beyond 10		1 more & 1 less		Doubling and sharing		Recalling number facts. Number bonds to 5 and then 10 Subitising				Assessments and Review	



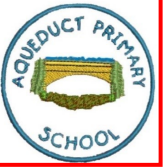
*Year 1*  
*Long Term Plan*

# Aqueduct Primary School Maths Long Term Plan



## Year 1

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Previous reception experiences and counting within 100	Number, addition and subtraction 1.1 Comparison of quantities and measures 1.2 Introducing 'whole' and 'parts': part-part-whole					Discreet teaching of shape	Number, addition and subtraction 1.3 Composition of numbers: 0-5 1.4 Composition of numbers: 6-10				One week allowance for assessment week to be held in autumn term.
Spring	Number, addition and subtraction 1.5 Additive structures: introducing to aggregation and partitioning 1.6 Additive structures: introduction to augmentation and reduction. 1.7 Addition structures: introducing to augmentation and reduction					Number, addition and subtraction 1.8 Composition of numbers: multiples of 10 up to 100 1.9 Composition of numbers: 20-100 1.10 Composition of numbers: 11-19				Discreet teaching of: <ul style="list-style-type: none"><li>• Measure</li><li>• Time</li><li>• Money</li><li>• Position and Direction</li></ul>	One week allowance for assessment week to be held in spring term.	
Summer	Multiplication and Division 2.1 Counting, unitising and coins Doubling and Halving				Problem Solving & Reasoning Problem solving and reasoning involving the four operations.		Application and Investigation Consolidation of number, addition and subtraction.	Discreet teaching of fractions.	Transition activities in preparation for next year group.			One week allowance for assessment week to be held in summer term.



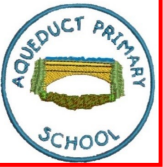
*Year 2*  
*Long Term Plan*

# Aqueduct Primary School Maths Long Term Plan



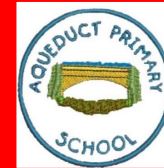
## Year 2

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Induction ,get ting to know your class and pre- assessment opportunity.	Number, addition and subtraction. 1.8 Composition of numbers: multiples of 10 up to 100 1.9 Composition of numbers: 20-100 1.10 Composition of numbers: 11-19 (Year 1 recap)		Discreet teaching of measurements -Length -Mass -Volume/Capacity -Time		Number, addition and subtraction. 1.11 Addition and subtraction: bridging 10 1.12 Subtraction as difference 1.13 Addition and subtraction: two-digit and single-digit numbers 1.14 Addition and subtraction: two-digit numbers and multiples of ten.					Discreet teaching of shape	One week allowance for assessment week to be held in autumn term.
Spring	Discreet teaching of money.	Multiplication and Division 2.2 Structures: multiplication representing equal groups 2.3 Times tables: groups of 2 and commutativity. 2.4 Times Tables: groups of 10 and of 5, and factors of 0 or 1 2.5 Commutativity, double and halving 2.6 Structures: quotative division.					Discrete teaching of shape		Number, addition and subtraction 1.15 Addition: two-digit and two-digit numbers 1.16 Subtraction: two-digit and two-digit			One week allowance for assessment week to be held in spring term.
Summer	Discreet teaching of position and direction	Fraction Revisit year one content and consolidate. (SATs Prep)			Discreet teaching of position and direction		Consolidation of four operations.		Application and investigation of prior learning		Assessment, evaluation and transition activities.	One week allowance for assessment week to be held in summer term.



*Year 3*  
*Long Term Plan*

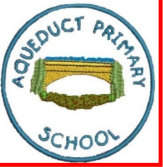
# Aqueduct Primary School Maths Long Term Plan



## Year 3

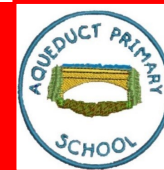
	1	2	3	4	5	6	7	8	9	10	11	12
<b>Autumn</b>	Induction ,get ting to know your class and pre-assessment opportunity.	<b>Number, addition and subtraction.</b> 1.17 Composition and calculation: 100 and bridging 100 1.18 Composition and calculation: three-digit numbers				Discreet teaching of measure. - Time - Roman Numerals		<b>Number, addition and subtraction</b> 1.19 Securing mental strategies: calculation up to 999 1.20 Algorithms: column addition 1.21 Algorithms: column subtraction				One week allowance for assessment week to be held in autumn term.
<b>Spring</b>	<b>2,4,8 times tables</b> 2.7 Times tables: 2, 4 and 8, and the relationship between them.			<b>3,6,9 times tables</b> 2.7 Times tables: 3, 6 and 9, and the relationship between them.			Discreet teaching of measure - Perimeter of 2D shapes - Money	Discreet teaching of statistics.	<b>Fractions</b> 3.1 Preparing for fractions: the part-whole relationship 3.2 Unit fractions: identifying, representing and comparing			One week allowance for assessment week to be held in spring term.
<b>Summer</b>	<b>Fractions</b> 3.3 Non-unit fractions: identifying, representing and comparing 3.4 Adding and subtracting within one whole			Discreet teaching of measures -lengths -mass -volume/capacity	<b>Addition and subtraction</b> Consolidation and application of prior learning.		<b>Geometry/Shape</b> Discreet teaching of angles, lines and shape		<b>Multiplication and Division</b> Written methods for multiplication and division using the multiplication tables they know.			One week allowance for assessment week to be held in summer term.





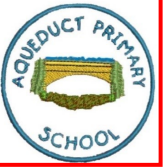
*Year 4*  
*Long Term Plan*

# Aqueduct Primary School Maths Long Term Plan



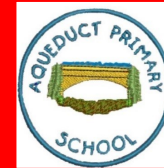
## Year 4

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Induction ,get ting to know your class and pre-assessment opportunity.	Number, addition and subtraction  1.22 Composition and calculation: 1,000 and four-digit numbers.			Multiplication and division  2.10 Connecting multiplication and division, and the distributive law  2.11 Times tables: 11 and 12  2.12 Division with remainders					Discreet teaching of measure -Perimeter -Area		One week allowance for assessment week to be held in autumn term.
					Discreet teaching of Roman numerals. through starters/date							
Spring	Number, addition and subtraction  1.23 Composition and calculation: tenths  1.24 Composition and calculation: hundredths and thousandths  1.25 Addition and subtraction: money					Multiplication and division  2.13 Calculation: multiplying and dividing by 10 or 100  2.14 Multiplication: partitioning leading to short multiplication  2.15 Division: partitioning leading to short division  2.16 Multiplicative contexts: area and perimeter				Discreet teaching of time  -Conversion of measurements	One week allowance for assessment week to be held in spring term.	
Summer	Discreet teaching in statistics	Fractions  3.4 Year 3 recap  3.5 Working across one whole: improper fractions and mixed numbers  3.6 Multiplying whole numbers and fractions.						Discreet teaching of geometry.	Discreet teaching of measurements -Money (revisit decimals and calculations)	Multiplication and division  2.17 Structures: using measures and comparison to understand scaling.		One week allowance for assessment week to be held in summer term.



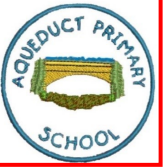
*Year 5*  
*Long Term Plan*

# Aqueduct Primary School Maths Long Term Plan



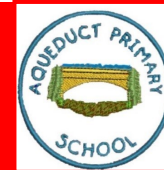
## Year 5

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Induction ,getting to know your class and pre-assessment opportunity.	Number, addition and subtraction  1.26 Composition and calculation : multiples of 1,000 up to 1,000,000  1.27 Negative numbers: counting, comparing and calculating  1.28 Common structures and the part-part-whole relationship  1.29 Using equivalence and the compensation property to calculate				Discreet teaching of measure  -Perimeter of composite shapes in metres and centimetres  -Calculate and compare area	Multiplication and division  2.18 using equivalence to calculate  2.19 Calculation $\times/\div$ decimal fractions by whole numbers  2.20 Multiplication with three factors and volume  2.21 Factors, multiples, prime numbers and composite numbers  2.22 Combining multiplication with addition and subtraction					One week allowance for assessment week to be held in autumn term.
Spring	Fractions  Recap and revisit year 4 content  3.7 Finding equivalent fractions and simplifying fractions  3.8 Common denomination: more adding and subtracting					Discreet teaching of Roman numerals	Discreet teaching of measure  -Converting measures	Discreet teaching of geometry  -Properties to deduce related facts  -3D shapes	Number, addition, subtraction, multiplication and division  Revisit and application of four operations.			One week allowance for assessment week to be held in spring term.
Summer	Discreet teaching of measure  -Using all four operations to solve problems involving measure	Discreet teaching of geometry  -Property of shape  -Position and direction		Discreet teaching of statistics.	Fractions  Revisit and application of fractions.			Opportunity to apply learning through investigations, problem solving and real world contexts e.g. financial education			One week allowance for assessment week to be held in summer term.	



*Year 6*  
*Long Term Plan*

# Aqueduct Primary School Maths Long Term Plan



## Year 6

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Induction ,getting to know your class and pre-assessment opportunity.	Number, addition and subtraction 1.30 Composition and calculation: numbers up to 10,000,000			Multiplication and division 2.23 Multiplication strategies for larger numbers and long multiplication 2.24 Division: dividing by two-digit divisors 2.25 Using compensation to calculate				Fractions 3.9 Multiplying fractions and dividing fractions by a whole number 3.10 Linking fractions, decimals and percentages.		Discreet teaching of geometry -Position and direction focus	One week allowance for assessment week to be held in autumn term.
Spring	Multiplication and division 2.26 Mean average and equal shares 2.27 Scale factors, ratio and proportional reasoning 2.28 Combining division with addition and subtraction 2.29 Decimal place-value knowledge, multiplication and division 2.30 Multiplicative contexts: area and perimeter 2					Number, addition and subtraction 1.31 Problems with two unknowns		Discreet teaching od measures, and geometry. -Angles -Shape		SATs Prep		One week allowance for assessment week to be held in spring term.
Summer	SATs Prep and SAT week			Discreet teaching of ratio and proportion	Discreet teaching of algebra		Transition, application, reasoning and problem solving.					

Equivalent FDP to be taught once weekly as part of fluency 15 minutes alongside times tables.