

Claycots Primary School



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Maths team

Ms O'Connor is our Maths Leader at Claycots





The vision for Maths

At Claycots we aim for all pupils to develop a positive and resilient attitude towards mathematics. We ensure that every pupil is given a broad, balanced, engaging and relevant curriculum that considers the requirements of the National Curriculum and any other guidance documents.

We aim to equip children with the skills of calculation, reasoning and problem solving that they need in life, within the school day and beyond, developing an ability in the children to express themselves fluently. We want all children to experience the beauty, power and enjoyment of mathematics and develop.



Subject Intent

At Claycots, we are committed to ensuring that all children are challenged through a rich Maths curriculum, with a high emphasis on securing understanding by carefully sequencing learning to develop pupils' fluency, mathematical reasoning and ability to solve increasingly sophisticated problems. Our maths curriculum aims to help our pupils recognise that mathematics is an interconnected subject in which we want them to be able to move fluently between different representations of mathematical ideas as well as applying their maths knowledge to science and other subjects.



Subject Implementation

At Claycots School, we use a mastery approach focusing on the teaching of: representation & structure, mathematical thinking, variation, fluency and coherence. As a school, our mastery approach is developing each year through our involvement in a number of projects run by the BBO Maths Hub. Lessons are planned and sequenced so that new knowledge and skills build on what has previously been taught. Teachers use White Rose Maths, NCETM and other resources to support their planning and we develop termly overviews to ensure careful sequencing of learning.

Throughout the school, teachers use pedagogical approaches which aim to ensure that all children to view mistakes and misconceptions as an important part of learning. As part of our approach to developing mathematic fluency, in each lesson, children have a times tables focus to give the opportunity to practice and improve rapid recalls of tables linked to their stage of learning. Children work towards the weekly challenge of improving their time and score and have access to their personal account of 'Times Tables Rockstar' which allows them to practice in an engaging and interactive way using an electronic device both at school and at home.

In addition to this, in each lesson, children are given the opportunity to develop their mental Maths skills to improve their efficiency in solving quick calculations. We use our school calculation policy, to ensure a consistent approach in teaching formal methods and use of the CPA approach. Our pupils are encouraged to physically represent mathematical concepts. Objects and pictures are used to demonstrate and visualise abstract ideas, alongside numbers and symbols.

• Concrete – children have the opportunity to use concrete objects and manipulatives to help them understand and explain what they are doing.

Pictorial – children then build on this concrete approach by using pictorial representations, which can then be used to reason and solve problems.
Abstract – With the foundations firmly laid, children can move to an abstract approach using numbers and key concepts with confidence.
We ensure that the curriculum is tailored to meet the needs of each child while developing their skills and understanding at an appropriate level.
Where possible, links are made with other subjects across the curriculum for children to understand the application of Maths in everyday life.



Maths progression map

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Counting	 count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens 	 count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward 	 count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number. 	 count in multiples of 6, 7, 9, 25 and 1000 find 1000 more or less than a given number count backwards through zero to include negative numbers 	count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	 use negative numbers in context, and calculate intervals across zero
Place Value		 recognise the place value of each digit in a two-digit number compare and order numbers from 0 up to 100; use <, > and = signs 	recognise the place value of each digit in a three-digit number compare and order numbers up to 1000	recognise the place value of each digit in a four-digit number order and compare numbers beyond 1000 round any number to the nearest 10, 100 or 1000	 read, write, order and compare numbers up to 1 000 000 and determine the value of each digit -round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 	 read, write, order and compare numbers up to 10 000 000 and determine the value of each digit round any whole number to a required degree of accuracy
Representing number	 identify and represent numbers using objects and pictorial representations including the number line, & use language of: equal to, more than, less than (fewer, most, least read and write numbers from 1 to 20 in numerals and words read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (e) signs 	 identify, represent and estimate numbers using different representations, including the number line read and write numbers to at least 100 in numerals and in words 	 identify, represent and estimate numbers using different representations read and write numbers up to 1000 in numerals and in words 	 identify, represent and estimate numbers using different representations read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value 	 read Roman numerals to 1000 (M) and recognise years written in Roman numerals recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³) 	
Number facts (+/-)	•given a number, identify one more and one less •represent and use number bonds and related subtraction facts within 20	 use place value and number facts to solve problems recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 				
Mental +/-	 add and subtract one-digit and two- digit numbers to 20, including zero 	 add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TU+U, TU+T, TU+TU and U+U+U show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot 	 add and subtract numbers mentally, including: HTU+U, HTU+T and HTU+H 		-add and subtract numbers mentally with increasingly large numbers	 perform mental calculations, including with mixed operations and large numbers



How we measure progress

At Claycots we use termly assessments where appropriate to help teachers gather a deeper understanding of their pupil's existing and developing knowledge and skills. This is used by teachers as a diagnostic tool to adapt teaching to meet the needs of all children.

We measure pupil progress on a termly basis and at the end of the year, the expectation is that children achieve Age Related Expectations (ARE) for their year group. Some children may have progressed further and achieve Greater Depth (GD). Those pupils who have been identified as having gaps in their knowledge receive appropriate support and intervention where possible, inside and outside of the usual classroom Maths lesson.

By the end of Year 6, children will have developed a range of efficient skills that can be used to calculate effectively, they will be fluent in the fundamentals of Maths with a conceptual understanding and he ability to recall and apply key facts accurately.

Visits and experiences





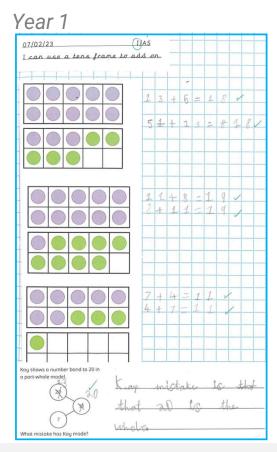
Weekly Magical Maths Sessions (KS1/2 after school)



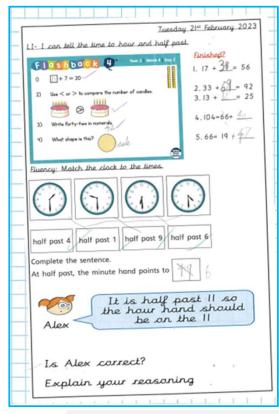


STEM Lego Workshop (Key Stage 2)

Examples of learning KS1



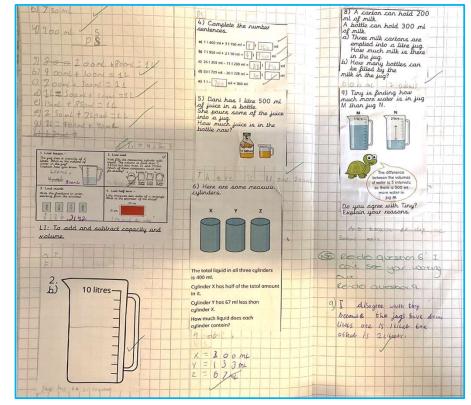
Year 2



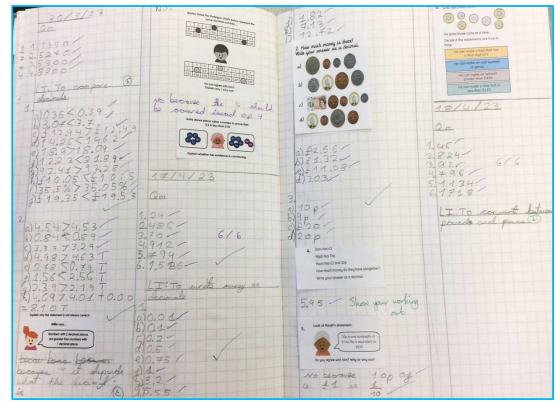


Examples of learning Lower KS2

Year 3



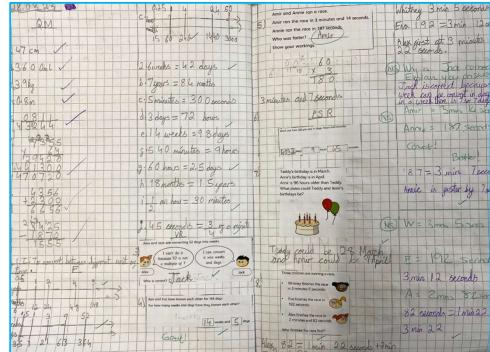
Year 4



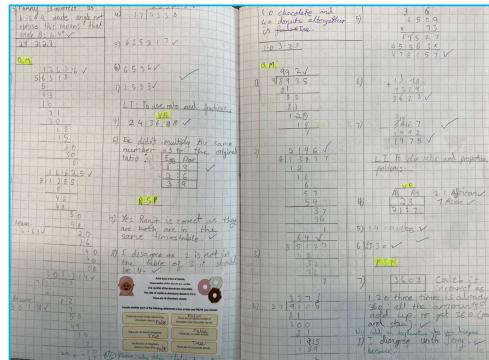


Examples of learning Upper KS2

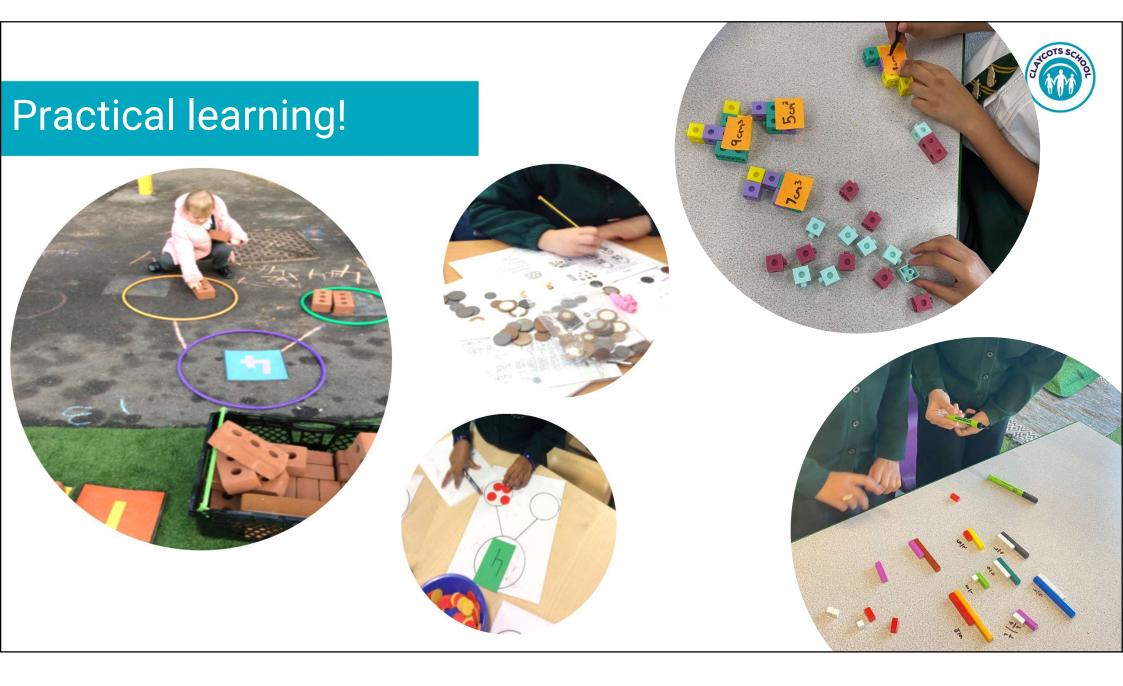
Year 5

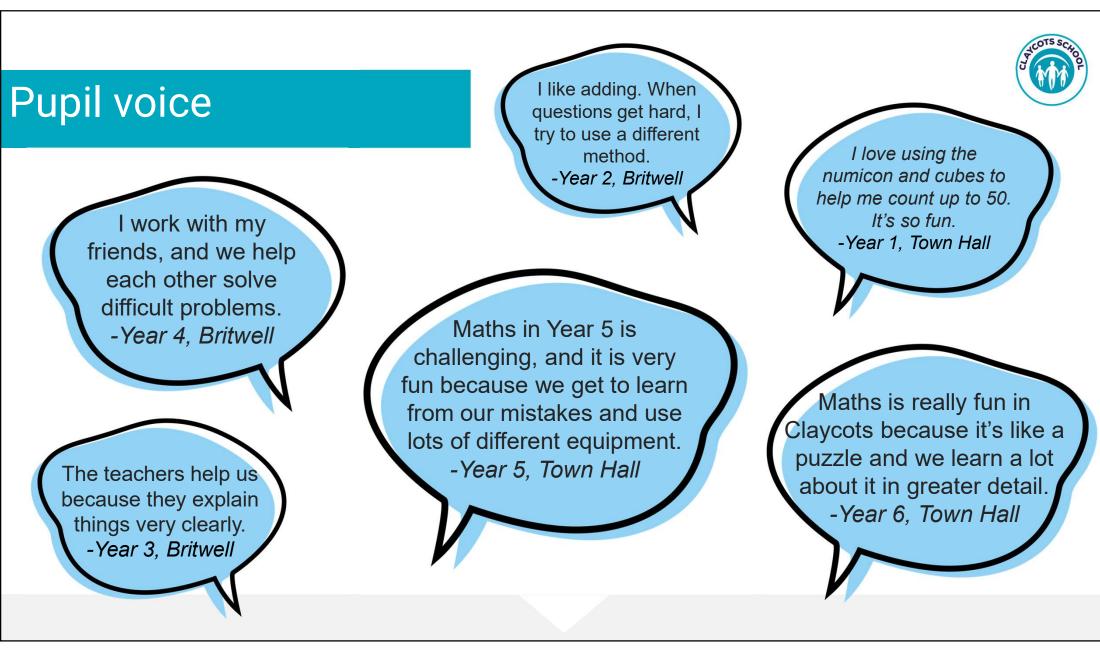


Year 6











Maths Overviews

Nursery Long term planning	Autuur Numbers Songs, Rhymes Building Puzzles Amounts	Shapre, Spae & MeasureSize and weightWeek 5-6	Nu 1-X Re Ol Ca
	Findin Sortin	gnising g shapes g shapes ruction Banguag	iess nal
•	eek 1–4 Week 5	5-6 Week 7-8	3

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Number

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Recognise numerals up to 5 Counting objects Order numbers

Pattern

Environmental patterns Patterns on us Action patterns Make patterns

Week 1-5

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Week 6-8

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eciting Objects Cardinality

/eek 7-10

Shape, Space & Measure

Timetables, routines Positional language

Week 11-12



Numbers Rote counting to 5 Ordering

Week 9-10

Measure

Explore size Weight Timetables Sequence of events Week 11-12

Number

Counting Recognising numerals Counting objects and fingers Ordering numbers to 5 One more to 5

Week 9-12

Reception

Long term planning





Number (1–3)

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Cardinality 1–3 Subitising 1–3 Rote counting 1–5 Comparing Composition

Week 1-4

pring Number⁰

Cardinality 1–10 Subitising 1–5 Rote counting 1–15 Composition 1–10 1 more/1 less/equal Adding Week 1-4

Patterns AB/ABC patterns	
Week 5	

Comparing objects by

Relationships between

Shape, Space

& Measure

size

shapes

Week 5

Shape, Space & Measure

Compare and measure size, mass and capacity. **Spatial awareness**. **2D** shapes

Week 6-7

Patterns

ABB/ABBC patterns **Patterns around us**

Week 6-7

umper

Rote counting (30) Number bonds Halving & sharing Odd and even **Taking away**

Week 1-4

Number

Measure

Time

Measuring equipment Clocks

Week 5-6

Number

Number bonds **Oral number problems** Adding by counting on Adding and taking away

Week 7-10

Numbers (1–5)

Cardinality 1–5 Subitising 1–5 Rote counting 1–10 1 more/1 less Composition

Week 8-11

Shape, Space & Measure

4-sided shapes **Positional language Sequence events Time – calendars**

Week 12

Numbers

Cardinality 1–10 Subitising 1–5 Rote counting 1–20 Composition 1–10 **Comparing**/estimating Partitioning Taking away Doubling (to 10) Week 8-11

Shape, Space & Measure

Comparing indirectly Time durations

Week 12

Shape, Space

& Measure

3D shapes **Explore & compare** 2D/3D shapes

Week 11

Patterns

Creating patterns Spotting errors in patterns.

Week 12



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Number

Place Value (within 10)

Week 1-5

Autumn

Number

Addition&Subtraction(within 10)

Week 6-10



Number	Number	Numbe
Place Value (within 20)	Addition & Subtraction	Place V (within
Week1-3	(within 20) Week 4-6	Week 7
Joring		

Number

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Multiplication & divison

Week 1-3

Jumper

Number	
Number	

Fractions

Week 4-5

Number Place Value (within 100)

Week 6-7

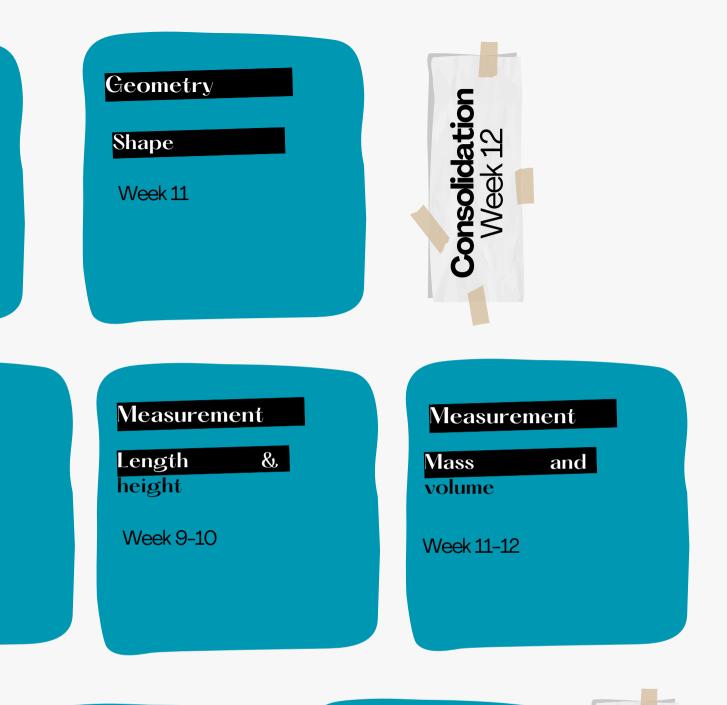
Measurement Money Week 8

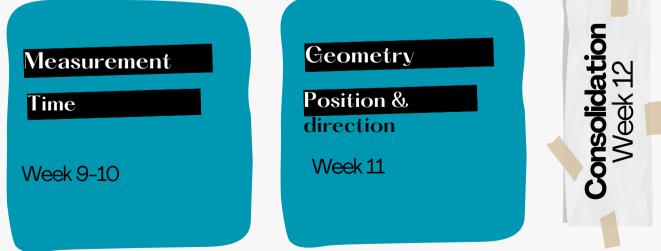
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Value

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Long term planning



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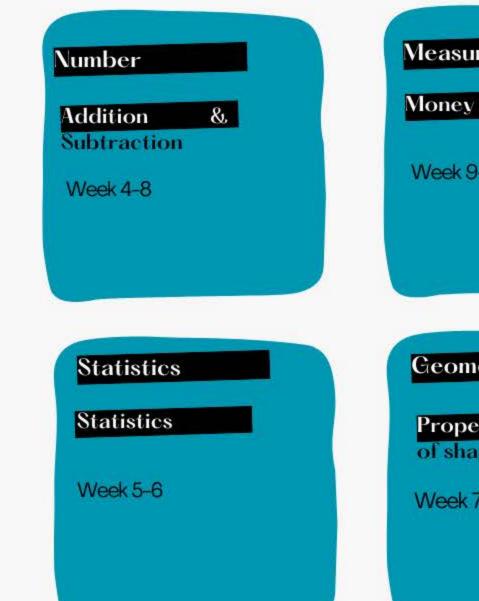
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100	
Number	
Place Valu	ie
Week 1-3	÷
Autu	hip

Number Multiplication & divison

Week 1-4

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Measurement

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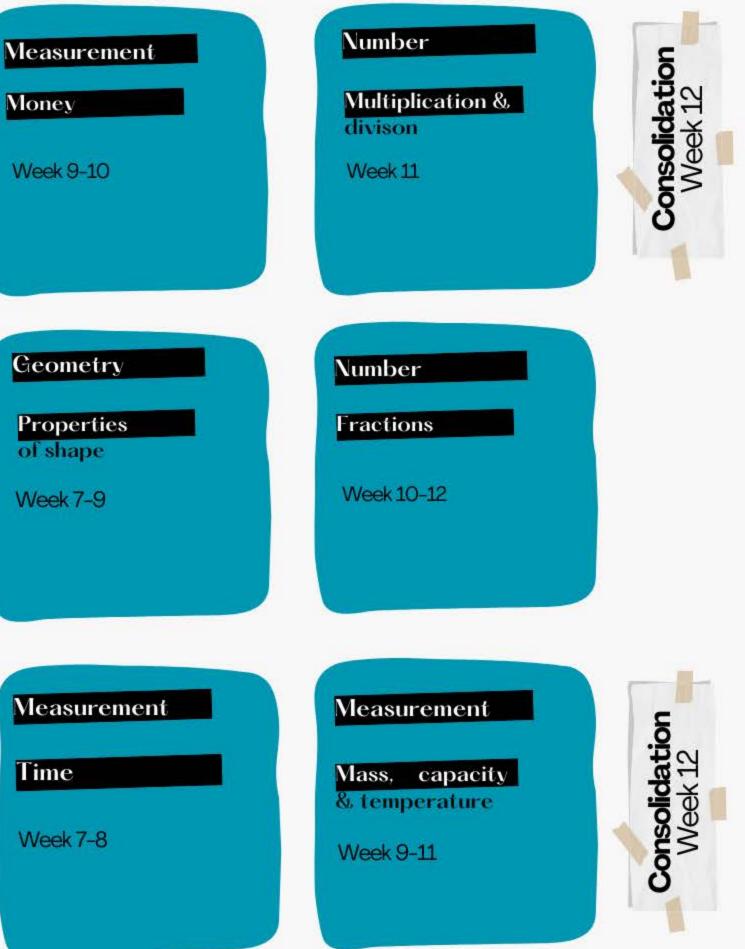
Length & height Week 1-2 Suppor

Geometry

Position & direction

Week 3-4

Consolidation & problem solving Week 5-6 Time Week 7-8





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Long term planning



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Number Place Value Week 1-3	NumberAddition & SubtractionWeek 4-8
Autumn Measurement Length & perimeter Week 4-6	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
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Number Place Value	Number Addition & Subtraction	Mea Leng perir
Week 1-4 Autump	Week 5-6	Wee
Number Nultiplication & divison	Measurement Area	Num Frac
Week 1-4 Storing	Week 5	Wee

Number

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Decimals

Week 1-2

Jumper



Money

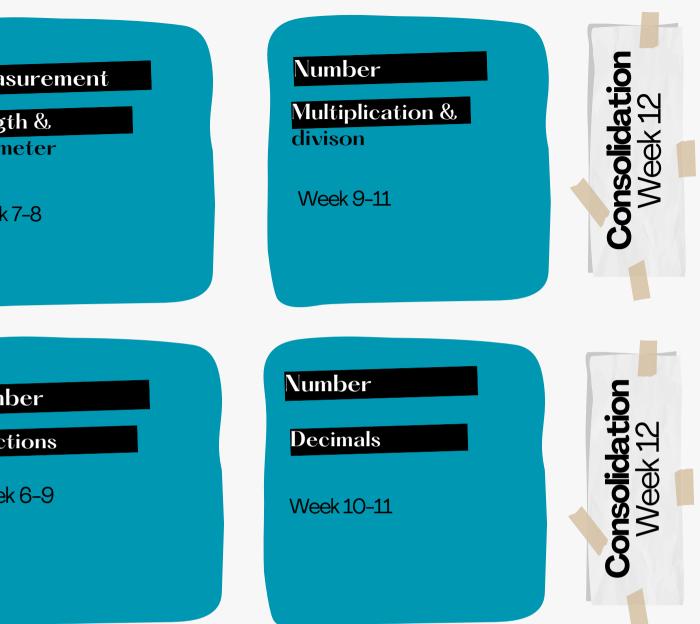
Week 3-4

Measurement Time Week 5-6



Geometry Properties of shape

Week 8-9

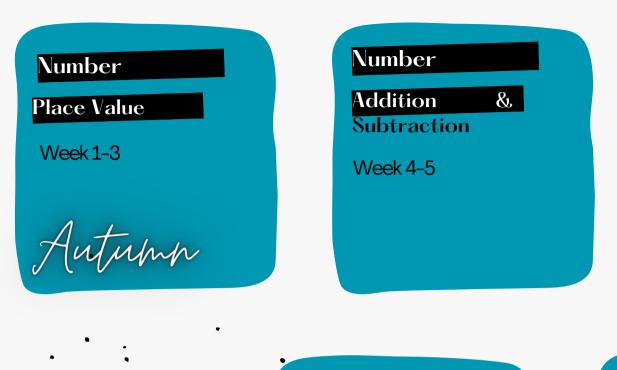






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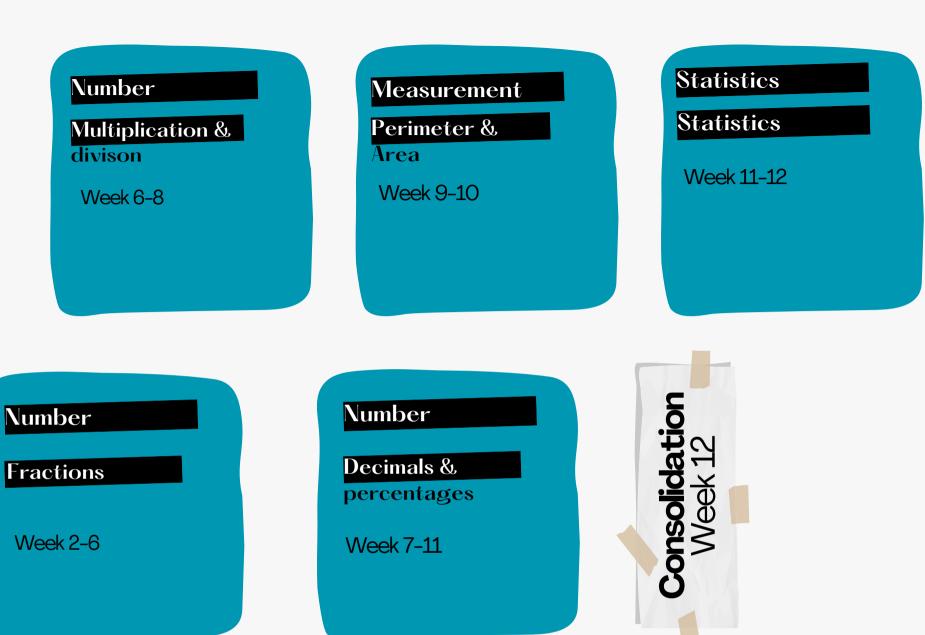


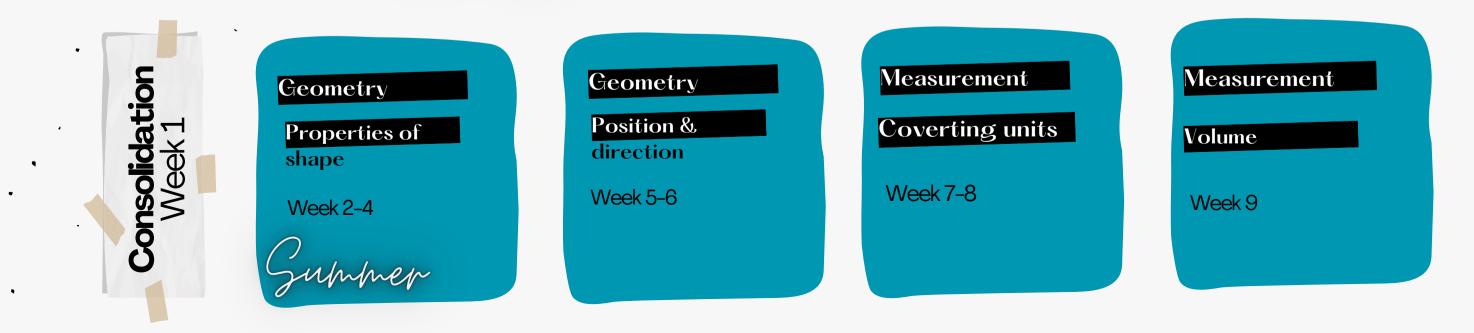


Wèek 1



Number Multiplication & divison Recap prina









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umber	Number	Number
lace Value	Addition, subtraction, multiplication & divison	Fractions
Veek1-2	Week 3-6	Week 7-9
Autump		

Algebra

Week 2-3

Decimals

Week 4-6

Statistics	
Statistics	
Week 11-12	

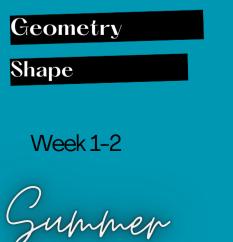
Position

Direction

spring

Week1

&







Units

Week 10

Number

Ratio

Week 11-12

Number

Fractions, decimals and percentages

Week 7-8

Measurement

Perimeter, area & volume

Week 9-10



Maths Vocabulary Progression Map Claycots School



		PLAC	E VALUE, NUMBERS AND COUN	TING		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Numbers 0-20 Ones Count to Count for Number More, less Odd, even Few Pattern Size Big Small Ordinal numbers (1 ^{st)} Before, after, next between Part Whole Digit	Counting Ones Tens One more One less Equal to More than Less than Fewer Most Least Ordering Odd, even Numbers one – twenty Forwards Backwards Value Number bonds Column Twos Fives Tens	Numbers 20 to 100 count in steps of Twos Fives Tens Threes Compare Order < less than = equal to Increasing, decreasing identify Represent Representation Estimate Partition Number facts Sequence Two-digit number Greatest value Least value Greatest	Numbers up to 1000 Count in multiples of Fours Eights Fifties Three-digit number hundreds Hundreds block Hundreds column Roman numerals I to xii Consecutive Ascending order descending order	Negative number Positive number above/below zero Minus 1 etc. Decimal number Decimal place Tenths column Hundredths column decimal point One decimal places I to c Thousands Four-digit number thousands column integer Numbers up to 10,000	Count across zero Numbers up to 1 million Five-digit number Tens of thousands Hundreds of thousand Three decimal places thousandths column C to m Powers of 10 Millions	Calculate intervals across zero Numbers up to 10 million Seven-digit number Millions
			ESTIMATING AND ROUNDING			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Guess how many Estimate Nearly Close to About the same as Just over Just under Too many Too few Enough Not enough	Roughly	Exact Exactly Near to Nearer to Closer to	Approximate Approximately	Round Rounding round up Round down Nearest 10 Nearest 100 Nearest 1000 Nearest whole number	Nearest 10,000 Nearest 100,000 Nearest tenth To one decimal place	Nearest million Nearest hundredth To two decimal places Degree of accuracy
	1	L	ADDITION AND SUBTRACTION	l	L	1
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Add More Make Total Altogether Double One more Two more How many more to How many more is Take away Less How many are left How many have gone One Less Two less How many fewer is	+ sign Addition Put together Sum Near double Is the same as Missing number Number bonds = equals sign Number sentence Sign Operation Total Subtraction Take away Distance between Difference between Equals More than Greater than Less than Zero Counting forwards	Method Exchange Combined Calculate Solve Calculation Sums Inverse Equal to each other Strategy Number line Jumps Tens Ones Product Smaller Greater	Carrying Exchanging Expanded Compact Commutative law Find the difference Column addition column subtraction inverse operations Mental operations	Near multiple Distributive law Column addition column subtraction inverse operations mental operations two-step problem	Column addition column subtraction inverse operations mental operations rounding Accuracy Multi-step problems	Four operations



	Counting backwards					
			MULTIPLICATION AND DIVISIO			
EYFS	Year 1 Grouping	Year 2 Lots of	Year 3 Partitioning	Year 4	Year 5 Long multiplication expanded	Year 6 Order of operations
Half Halve Pair Sharing Share out Groups	Sharing multiplying dividing Doubling Arrays Number patterns count in twos count in fives count in tens	X sign Multiplying Dividing ÷ sign Share equally Equal groups Odd Even Multiple of Once, twice, three times, ten times Repeated addition Row Column Multiplication fact Calculate Solve Product Calculation Commutative Arrays Mental methods inverse operations	Column method Short multiplication Short division Expanded Scaling Correspondence Commutative law Mental method integers Divisor Left over	Factor pair Commutativity Short multiplication Short division Distributive law Mental method inverse operations Integers Short division Short multiplication Factor Factor of Dividend Divisible by	Long multiplication compact Square number Squared, x ² Cube number Cubed, x ³ Square root Cube root Multiples Factors Factor pairs Common factors Prime numbers Prime factors Composite (nonprime) numbers Rates	Common multiples Scale factor Factor pairs Common factors Prime numbers Prime factors Composite (nonprime) numbers Remainders Common multiples Brackets
			TIONS, DECIMALS AND PERCE			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Half	A half	A half			Unit fractions	Unit fractions
Part	Equal parts	A quarter			Non -unit fractions	Non -unit fractions
Vhole	A quarter	A whole			Mixed number fractions	Mixed number fractions
	A whole	Equal parts			Improper fractions	Improper fractions
		A third			Proper fractions	Proper fractions
		Two quarters			Denominator	Denominator
		Three quarters			Numerator	Numerator
		Equivalence			Equivalence	Equivalence
					Equivalent fractions	Equivalent fractions
					Decimal number	Decimal number
					Decimal point	Decimal point
			Two quarters		Per cent	Per cent
			Three guarters Equivalence		Dereenteree	
			Three quarters Equivalence		Percentage	Percentage
			CE, TIME, MASS, CAPACITY/VC	DLUME, MONEY, TEMPERATURE	-	
EYFS	Year 1	Year 2	CE, TIME, MASS, CAPACITY/VC Year 3	DLUME, MONEY, TEMPERATURE Year 4	Year 5	Year 6
Measure	Length	Year 2 Estimate	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate	DLUME, MONEY, TEMPERATURE Year 4 Estimate	Year 5 Estimate	Year 6 Estimate
Aeasure Size	Length Height	Year 2 Estimate Length	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure	Year 5 Estimate Measure	Year 6 Estimate Measure
leasure bize Compare	Length Height Compare	Year 2 Estimate Length Height	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length	Year 5 Estimate Measure Metric measurements Imperial units	Year 6 Estimate Measure Metric measurements
Neasure Size Compare Guess	Length Height Compare Long Short	Year 2 Estimate Length Height Meters	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height	Year 5 Estimate Measure Metric measurements Imperial units Inches	Year 6 Estimate Measure Metric measurements Imperial units
Measure Size Compare Souess Estimate	Length Height Compare Long Short Longer	Year 2 Estimate Length Height Meters Centimetres	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters	LUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds	Year 6 Estimate Measure Metric measurements Imperial units Inches
/leasure Size Compare Guess Sitimate Enough/Not enough	Length Height Compare Long Short Longer Shorter	Year 2 Estimate Length Height Meters Centimetres Mass	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds
Aeasure bize Sompare Suess stimate Enough/Not enough 'oo much/Too little	Length Height Compare Long Short Longer Shorter Tall	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length	Year 6 Estimate Metric measurements Imperial units Inches Pounds Pints
Measure Size Compare Suess Estimate Enough/Not enough Foo much/Too little Too many/Too few	Length Height Compare Long Short Longer Shorter Tall Double	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass	LUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles
Aeasure Size Compare Suess Estimate Frough/Not enough Foo much/Too little Too many/Too few Fall/Taller/Tallest	Length Height Compare Long Short Longer Shorter Tall Double Half	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length
Aeasure Size Sompare Suess Estimate Enough/Not enough oo much/Too little oo many/Too few fall/Taller/Tallest .ong/Longer/Longest	Length Height Compare Long Short Longer Shorter Tall Double Half Mass	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Milimetres Milimetres Mass Kilograms Grams	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pounds Pints Miles Length Height
Measure bize compare buess stimate inough/Not enough ioo much/Too little ioo many/Too few iall/Taller/Tallest ong/Longer/Longest hort/Shorter/Shortest	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Grams Temperature Capacity Litres	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature	CUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters
Measure Size Sompare Soures Stimate nough/Not enough nough/Not enough oo many/Too few "all/Taller/Tallest ong/Longer/Longest Short/Shorter/Shortest Time	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity	CLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Height Meters Centimetres
Measure Size Compare Suess Sitimate Toough/Not enough Too much/Too little Too much/Too little Too many/Too few Tall/Taller/Tallest .ong/Longer/Longest Short/Shorter/Shortest Time Days of the week	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Milliitres Rulers	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres	CLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pounds Pints Milles Length Height Meters Centimetres Millimetres
Measure Size Compare Suess Estimate Enough/Not enough Too much/Too little Too many/Too few fall/Taller/Tallest ong/Longer/Longest Short/Shorter/Shortest Time Days of the week Morning	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millittres Rulers Scales	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Grams Temperature Capacity Litres Millillitres	CLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Mass
Measure Jize Compare Juess Stimate inough/Not enough ioo much/Too little ioo many/Too few all/Taller/Tallest .ong/Longer/Longest .hort/Shorter/Shortest Time Jays of the week Morning tfernoon	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Grams Temperature Capacity Litres Millilitres Rulers	CLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Grams Temperature Capacity Litres Millilitres Rulers	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Mass Kilograms
Measure Size Compare Suess Stimate Enough/Not enough oo much/Too little oo many/Too few "all/Taller/Tallest .ong/Longer/Longest Short/Shorter/Shortest "ime Days of the week Aorning Viternoon Vening	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than Capacity	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millimitres Rulers Scales	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pounds Pounds Pints Miles Length Height Meters Centimetres Millimetres Millimetres Milligrams Grams
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Measure Size Compare Suess Estimate Foo much/Too little Foo many/Too few Fall/Taller/Tallest .ong/Longer/Longest Short/Shortest Fime Days of the week Morning Atternoon Evening Vight Times of the day	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than Capacity Volume Full	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Grams Temperature Capacity Litres Millifitres Rulers Scales Thermometers Measuring vessels	DLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity
Measure Size Compare Suess Stimate Enough/Not enough oo much/Too little oo many/Too few "all/Taller/Tallest .ong/Longer/Longest short/Shorter/Shortest "ime Days of the week Aorning Viternoon Svening Light "imes of the day "oday, yesterday, today	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than Capacity Volume Full Empty	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Rulers Scales Thermometers Measuring vessels Compare Order Volume	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millimitres Rulers Scales Thermometers Measuring vessels Compare	CLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millillitres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres T Rulers	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres
Measure Neasure Neasure Nompare Subess Stimate Nough/Not enough Too much/Too little Too many/Too few Tall/Taller/Tallest Nort/Shorter/Shortest Short/Shorter/Shortest Time Days of the week Morning Mternoon Svening Ught Times of the day Today, yesterday, today Hour	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavy Light Heavier than Lighter than Capacity Volume Full Empty Half full	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Grams Grams Grams Temperature Capacity Litres Rulers Scales Thermometers Measuring vessels Compare Order	CUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete Rectilinear figure	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Millilitres Rulers Scales	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres
Measure Size Sompare Suess Stimate Snough/Not enough Too much/Too little Too many/Too few Tall/Taller/Tallest Short/Shorter/Shortest Short/Shorter/Shortest Short/Shorter/Shortest Short/Shorter/Shortest Time Days of the week Aorning Vernoon Svening Ught Times of the day Today, yesterday, today Yatch	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavy Light Heavier than Capacity Volume Full Empty Half full Quarter full	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millifitres Rulers Scales Thermometers Measuring vessels Compare Order Volume	CUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Grams Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete Rectilinear figure Area	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers
Measure Size Compare Suess Stimate Enough/Not enough Too much/Too little Too many/Too few Fall/Taller/Tallest .ong/Longer/Longest Short/Shorter/Shortest Firme Days of the week Morning Atternoon Svening Vight Firmes of the day Today, yesterday, today Hour Vatch Dlock	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Capacity Volume Full Empty Half full Quarter full Time	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millimitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds	CLUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete Rectilinear figure Area Pounds	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Milles Length Height Meters Centimetres Millimetres Millimetres Millimetres Millimetres Millis Grams Temperature Capacity Litres Millilitres Rullers Scales
Measure Size Compare Suess Stimate Enough/Not enough Too much/Too little Too many/Too few Fall/Taller/Tallest .ong/Longer/Longest Short/Shorter/Shortest Time Days of the week Morning Niternoon Svening Viternoon	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than Capacity Volume Full Empty Half full Quarter full Time Quicker	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Milliitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins Money	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Grams Grams Temperature Capacity Litres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence	CUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Mass Centimetres Mass Kilograms Grams Temperature Capacity Litres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete Rectilinear figure Area Pounds Pence	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Milliitres Rulers Scales Thermometers
Measure Size Compare Suess Satimate Foough/Not enough Foo much/Too little Foo much/Too little Too many/Too few Fall/TallertTallest Long/Longer/Longest Short/Shorter/Shortest Fine Days of the week Morning Afternoon Evening Night Times of the day Foday, yesterday, today Hour Natch Clock Hands D'Clock	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavy Light Heavier than Lighter than Capacity Volume Full Empty Half full Quarter full Time Quicker Slower	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins Money Change	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millifitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins	VUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete Rectilinear figure Area Pounds Pence Analogue clocks	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting Measurements	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Converting measurements Perime
Measure Size Compare Guess Estimate Enough/Not enough Too much/Too little Foo many/Too few Fall/Taller/Tallest cong/Longer/Longest Short/Shorter/Shortest Firme Days of the week Morning Atternoon Evening Vight Firmes of the day Foday, yesterday, today Hour Vatch Clock Hands	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than Capacity Volume Full Empty Half full Quarter full Time Quicker	Year 2 Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Milliitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins Money	CE, TIME, MASS, CAPACITY/VC Year 3 Estimate Measure Length Height Meters Centimetres Mass Kilograms Grams Grams Grams Temperature Capacity Litres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence	CUME, MONEY, TEMPERATURE Year 4 Estimate Measure Length Height Meters Centimetres Mass Centimetres Mass Kilograms Grams Temperature Capacity Litres Rulers Scales Thermometers Measuring vessels Converting measurements Perimete Rectilinear figure Area Pounds Pence	Year 5 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting	Year 6 Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Millimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales



Heavy/Heaviest/Heavier						
neavy/neaviesi/neaviei	Hours	Clock	Analogue clock	Minutes	Irregular shapes	Area
light/lightoot/lightor	Minutes	Five minutes	Roman Numerals	Seconds	Area	Pounds
Light/Lightest/Lighter						
Full/Half full	Seconds	Minutes	Seconds	Years	Pounds	Pence
Empty	Coins	Quarter past	Minutes	Months	Pence	Analogue clocks
Container	Notes	Quarter to	Hours	Weeks	Analogue clocks	Digital clocks
Money	Money	Half past	O'clock		Digital clocks	Hours
	Money	Hall past	U CIUCK	Days		Hours
Coin	Before	O'clock	A.M P.M		Hours	Minutes
Penny	After	Hour	Morning		Minutes	Seconds
Notes	Next	Day	Afternoon		Seconds	Years
Pence	First	Duy	Noon		Years	Months
			NOOT			
Pounds	Today		Midnight		Months	Weeks
Price/cost/sell/buy/spent	Yesterday		Leap year		Weeks	Days
	Tomorrow		Each month of the year		Days	Scaling
	Morning				Scaling	5
	Afternoon				ocaning	
	Evening					
	Ruler					
	Weighing scales					
	Days of the week					
	Months of the year					
	Hour					
	O'clock					
	Half past					
			GEOMETRY: GENERAL			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Shape	Point	Symmetry	Parallel	Construct		
Battan		Symmetry				
Pattern	Pointed	Symmetrical	Perpendicular	Draw		
Hollow	Identify	Mirror Line		Complete		
Solid		Reflection		Classify		
Size		Fold				
Bigger, Larger, Smaller, Symmetrical		Horizontal				
Pattern		Vertical				
Repeating Pattern		Diagonal				
1						
		GE	OMETRY: POSITION AND DIRECT	ION		
EYES	Year 1				Year 5	Year 6
EYFS	Year 1	Year 2	OMETRY: POSITION AND DIRECT Year 3	Year 4	Year 5	Year 6
Position	Whole turn	Year 2 Patterns		Year 4 Coordinates	Coordinates	Coordinates Coordinate plane
Position Over	Whole turn Half turn	Year 2 Patterns Sequences		Year 4 Coordinates Quadrant	Coordinates Quadrants	Coordinates Coordinate plane Quadrant
Position	Whole turn	Year 2 Patterns Sequences		Year 4 Coordinates Quadrant Left	Coordinates	Coordinates Coordinate plane Quadrant Left Right
Position Over Under	Whole turn Half turn Quarter turn	Year 2 Patterns Sequences Straight line		Year 4 Coordinates Quadrant Left	Coordinates Quadrants Vertices	Coordinates Coordinate plane Quadrant Left Right
Position Over Under Above	Whole turn Half turn Quarter turn Left	Year 2 Patterns Sequences Straight line Rotation		Year 4 Coordinates Quadrant Left Right	Coordinates Quadrants Vertices Vertex	Coordinates Coordinate plane Quadrant Left Right Up Down
Position Over Under Above Below	Whole turn Half turn Quarter turn Left Right	Year 2 Patterns Sequences Straight line Rotation Turn		Year 4 Coordinates Quadrant Left Right Up	Coordinates Quadrants Vertices Vertex Left	Coordinates Coordinate plane Quadrant Left Right Up Down Axes
Position Over Under Above Below Top	Whole turn Half turn Quarter turn Left Right Top	Year 2 Patterns Sequences Straight line Rotation Turn Right angles		Year 4 Coordinates Quadrant Left Right Up Down	Coordinates Quadrants Vertices Vertex Left Right	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection
Position Over Under Above Below Top Bottom	Whole turn Half turn Quarter turn Left Right Top Middle	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position		Year 4 Coordinates Quadrant Left Right Up Down Axes	Coordinates Quadrants Vertices Vertex Left	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top	Whole turn Half turn Quarter turn Left Right Top	Year 2 Patterns Sequences Straight line Rotation Turn Right angles		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis	Coordinates Quadrants Vertices Vertex Left Right	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection
Position Over Under Above Below Top Bottom Side On	Whole turn Half turn Quarter turn Left Right Top Middle Bottom	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis	Coordinates Quadrants Vertices Vertex Left Right Up Down	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis X-Axis Axes Axes	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Axes Translation Translate	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis X-Axis Axes Translation Translate Units	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis X-Axis Axes Translation Translate Units	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Axes X-Axis Axes Translation Translate Units Plot	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Axes Translation Translate Units Plot Points	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal Vertical	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Axes Translation Translate Units Plot Points	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Translation Translation Translate Reflection Horizontal Vertical Translation Plot	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite Left	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite Left Right	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite Left	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite Left Right Up	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite Left Right Up Down	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
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Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Behind Front Back Before After Beside Next To Opposite Left Right Up Down Forwards Backwards Sideways Across	Whole turn Half furn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near	Year 2 Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left		Year 4 Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation
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			GEOMETRY: PROPERITES OF SHA	APE		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
EYFS ube phere one ace dge D orners iricle riangle quare ectangle D at orners ides urved bund binty	Year 1 2D shapes Rectangle Square Circle Triangle 3D shapes Cuboids Pyramids Spheres Straight Curved Flat Corners Sides	Year 2 2D shapes Properties of shapes Sides Line of symmetry Vertical line 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Cube Cuboid Pyramid Sphere	Year 3 2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Cuboid Pyramid Sphere Angle Right angle Obtuse angle Polygon	Year 4 2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Edges Vertices Vertices Vertex Faces Rectangle Square Circle Triangle Isosceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Protractor Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon	Year 5 2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Isosceles triangle Equilateral triangle Scalene triangle Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cube Cottuse angle Reflex angle Reflex angle Reflex angle Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Diagonal	Year 6 2D shapes Dimension Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Net Edges Verticcs Vertex Faces Rectangle Square Circle Radius Diameter Circumference Isosceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon Diagonal
			STATISTICS	-		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Count Sort Vote Group List	Pictogram Tally chart Block diagram Table	Pictogram Tally chart Bar charts Table Two-way tables Frequency	Pictogram Tally chart Bar chart Table Time graph Scale	Line graph Timetables	Pie chart Line graph Average Mean variables Data
			ALGEBRA			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Missing number	Inverse Arrange Combine Combinations	Integer scaling	Express Formula		Formulae Algebra Unknown values Variable Equivalent expression
			RATIO AND PROPORTION			
EYFS	Year 1	Year 2	Year 3	Year 4 Proportion in every for every (linked to fractions)	Year 5 Scaling	Year 6 Proportion Ratio Recipe Pie chart Scale drawing Scale factor