	Maths Overview				
SOUTH THE	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer
Pre 3 Nursery			Spatial Awareness/ Positional Langua Moves their bodies and toys around of spaces Begins to remember their way around Shape Chooses puzzle pieces and tries to fit the Counting Begins to say numbers in order, some (ordinality) Pattern Joins in and anticipates repeated sound Measure Beginning to anticipate times of the day	bjects and explores fitting into familiar environments them in of which are in the right order ad and action patterns ay such as mealtimes or home time	Spatial Awareness/ Po Responds to some spat Explores how things loc are near or far away Shape Recognises that two ok Makes simple construct Counting Cardinality (how many) three objects from a gr Beginning to notice num Beginning to notice num Beginning to count on the Comparing Quantities Beginning to compare a words like more, lots of Pattern Is interested in what hat Measure Explores differences in Beginning to understar
Nursery	Counting Reciting numbers up to 3. Say one nu Mark Making Experiment with their own symbols a Shape Select shapes appropriately: flat surfat for roof etc. Subitising Develop fast recognition of up to 3 ok individually Linking Numerals and Amounts Links numerals and amounts up to 3 Positional Language Understand position through words a words in play	mber for each item in order: 1, 2, nd marks nces for building, a triangular prisr ojects without having to count the	 Counting Reciting numbers up to 5. Say one num Show 'finger numbers' up to 5. Callast number reached when counting a many there are in total Comparing Quantities and Numbers	nber for each item in order: 1, 2, 3, ardinal Principle – know that the small set of objects tells you how nore than', 'fewer than' an arch, a bigger triangle etc. nd marks stick, leaf, stick, leaf. Notice and	Counting Reciting numbers up to number reached when there are in total Mark Making Experiment with their of Comparing Quantities Compare quantities usi Shape Talk about and explore rectangles, triangles an language: 'sides', 'corn combining shapes to m objects to create new s

· 1

Summer2

ositional Language tial and positional language

ok from different viewpoints including things that

bjects have the same shape

ctions

r) – in everyday situations, takes or gives two or roup

imerals (number symbols)

their fingers

and Numbers and recognise changes in numbers of things, using or 'same'

appens next using the pattern of everyday routines

size, length, weight and capacity

nd some talk about immediate past and future

o 10. Cardinal Principle – know that the last n counting a small set of objects tells you how many

own symbols and marks as well as numerals

and Numbers ing language: 'more than', 'fewer than'

e 2D and 3D shapes (for example, circles, nd cuboids) using informal and mathematical ners', 'straight', 'flat', 'round'. Partitioning and nake new shapes. Predicting, moving and rotating shapes

Pattern

Talk about and identify patterns, using informal language

Measure

Counting

Counts objects, actions and sounds - recites numbers to 10 and

Counts out up to 10 objects from a

Linking Numerals and Amounts

with its cardinal number value -

Link the number symbol (numeral)

matches the numeral with a group

of items to show how many there

beyond and back again

Cardinal counting

larger group

are up to 10

Measure

Make comparisons between objects relating to size

Problem Solving and Composition of Numbers Solve real world mathematical problems with numbers up to 2

Measure Make comparisons between objects relating to length

Problem solving and Composition of Numbers Solve real world mathematical problems with numbers up to 3

		as 'first', 'then' events in everyd Measure Make compariso
		Problem solving
		Solve real world
Subitising	Pattern	Number Bonds
Subitise – conceptually subitise	Continue, copy and create	Automatically re
larger numbers by subitising	repeating patterns – create and	for numbers 0-5

smaller groups within the number recreate repeating patterns, beyond AB patterns and identify Comparing Quantities and the unit of repeat

Measure

Understand the 'one more than/one less than' relationship between consecutive numbers - in practical activities, adds 1 and subtracts 1 with numbers to 10. Number lines. Staircase patterns.

Pattern

Numbers

Continue, copy and create repeating patterns – spots patterns in the environment, beginning to identify 'rule' (including AB, ABB, ABBC)

Shape and Space

Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can – enjoys composing and decomposing shapes combine to make other shapes. Uses own ideas to make models of increasing complexity, selecting blocks needed, solving problems, and visualising what they will build. Investigates turning and flipping objects in order to make shapes fit and create models; predicting and visualising how they will look (spatial reasoning)

Problem solving and Composition of Numbers

Time

Compare length, weight and capacity – problems involving prediction and comparisons of length, weight or capacity, paying attention to fairness and accuracy

Shape and Space

Select, rotate and manipulate shapes in order to develop spatial reasoning skills – create simple maps of familiar/imaginative environments with landmarks

Problem solving and Composition of Numbers

Numbers 8 & 9 – shows awareness that numbers are composed of smaller numbers, exploring portioning in different ways with a wide range of objects. Explore and work out mathematical problems, using signs and strategies of their own choice including (when appropriate) standard numerals, tallies and "+" or "-" odd or even and double

Positional Language Understand position t

routes and locations, a familiar route, giving

Pattern

Begin to describe a se . and lay life

ns be

and

math ecall n (inclu subtraction facts)

Experience measuring timers and calendars

Problem solving and of Numbers Number 10 ·

shows awareness that composed of smaller exploring portioning i ways with a wide rang Explore and work out mathematical problem signs and strategies of choice including (whe appropriate) standard tallies and "+" or "-" of and double

Reception

Compare length, weight and capacity – becomes familiar with measuring tools in everyday experiences and play

Problem solving and Composition of Numbers

Numbers 2 & 3 – shows awareness that numbers are composed of smaller numbers, exploring portioning in different ways with a wide range of objects

Begins to explore and work out mathematical problems, using signs and strategies of their own choice including (when appropriate) standard numerals, tallies and "+" or "-" odd or even and double

Counting Counts objects, actions and sounds sequencing numerals in order 0-10

Subitising Subitise - numbers to 4 and maybe

Shape and Space

Select, rotate and manipulate shapes to develop spatial reasoning skills – uses informal language, analogies & mathematical terms to describe shapes. Uses spatial language, including following and giving directions, using relative terms and describing what they see from different viewpoints

Counting

Count beyond 10 – recognising the pattern of the counting system

Comparing Quantities and Numbers

Compare Numbers – uses number names and symbols, showing interest in large numbers. Estimates of things, showing understanding of relative size. Odd and even, fair and unfair when sharing quantities

Time

Order and sequence events using everyday language.

hrough words using words like g directions	alone using a sentence. Discuss e 'in front of' and 'behind'. Describe
quence of ever predicting wha and stories	nts, real or fictional, using words such at comes next. Recall a sequence of
tween objects	relating to weight and capacity
Composition of	f Numbers
ematical proble	
umber bonds iding ; time with	Compare length, weight and capacity – problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy
Composition	Statutory ELG: Number: Have a deep understanding of number to 10, including the composition of each number.
numbers, n different ge of objects.	Subitise (recognise quantities without counting) up to 5.
ns, using f their own n I numerals, odd or even	Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.
	Statutory ELG: Numerical Patterns: Verbally count beyond 20, recognising the pattern of the counting system.
	Compare quantities up to 10 in different contexts, recognising when 1 quantity is greater than, less than, or the same as the other quantity.
	Explore and represent patterns within numbers up to 10 including evens and odds, double facts and

					1
		Experience measuring time with timers and calendars Problem solving and Composition of Numbers Numbers 4 & 5 -shows awareness that numbers are composed of smaller numbers, exploring portioning in different ways with a wide range of objects. Explore and work out mathematical problems, using signs and strategies of their own choice including (when	Numbers 6 & 7 - shows awareness that numbers are composed of smaller numbers, exploring portioning in different ways with a wide range of objects. Explore and work out mathematical problems, using signs and strategies of their own choice including (when appropriate) standard numerals, tallies and "+" or "-" odd or even and double.		
		appropriate) standard numerals, tallies and "+" or "-" odd or even and double.			
Year 1	 Sequencing and Sorting Recognise and create repeating patterns with numbers, objects and shapes. Sort objects, number and shapes. Sort objects, number and shapes to a given criterion and their own. Number and Place Value To read and write numbers from 0-20. Identify one more and one less of a given number. To complete a number sequence (forwards and backwards). Addition and Subtraction Read, write and interpret mathematical statements (+, - and =). Number bond facts to 10 and 20. Add and subtract numbers. Solve simple one-step problems involving addition and subtraction. 	 2D/3D shapes Recognise and name common 2D and 3D shapes. Length, mass and weight Compare and describe lengths, heights and weights. Measure and begin to record lengths, heights and weights. Solve practical problems relating to lengths and weight. Capacity and Volume Compare and describe capacity/volume (e.g. full, empty, half full). Measure and begin to record capacity. Money Recognise and know the value of different coins. Time Sequence events in chronological order. Recognise and use language relating to dates, including days of the week, weeks, months and years. Measure and begin to record time. 	 Number and Place Value Identify ten more and ten less. Order numbers to 50. Recognise the place value of numbers beyond 20 (tens and ones) Read and write numbers from 1 to 20 in numerals and words. Use the language of equal to, more than and less than. Addition and subtraction Represent and use number bonds and related subtraction facts within 20. Subtract one-digit and two-digit numbers to 20 using 'difference' as find how many more to make. Solve problems relating to finding the difference. 2D and 3D Shapes Begin to recognise properties of 2D and 3D shapes. 	 Measurement - Length, Mass and Weight Measure and record lengths/heights. Measure and record mass/weight. Solve practical problems for lengths, heights and masses/weights. Money Recognise and know the value of different coins and notes. Solve practical problems relating to coins. Position and Direction Describe position, direction and movements using half, quarter and three-quarter turns. Time Tell the time to the hour and half past. Draw times on a clock. Measure and begin to record time. Solve practical problems relating to time. 	 Measurement – Capace Record capacity and using non-standard standard units. Solve practical pro- relating to capacity Fractions Recognise, find and half as one of two of a quantity. Recognise, find and quarter as one of fi- parts of a quantity Multiplication and Dive Solve one step pro- involving multiplication division by calculate answer using concu- pictorial represent arrays with teache Counting multiplie fives and tens. Recall and use dou of all numbers to 1
Year 2	 Number and Place Value Counting forwards and backwards to 20, 50 and compare numbers 	 Addition and Subtraction Add and subtract numbers using concrete objects, pictorial representations and mentally including: a 	 Multiplication and Division Division (sharing equally, division into equal groups and working with a remainder) 	 Geometry – properties of shapes Recognise and describe the properties of 2d shapes (including the number of sides) 	Measurement – length Compare lengt Measure lengt M) Compare and (

	how quantities can be distributed equally.
oite () / olympic	Manay
city/volume	Money
d and	of different coins and notes
	Solve practical problems
blems	relating to money.
y/volume.	, , , , , , , , , , , , , , , , , , ,
	Addition and subtraction
	Represent and use number
d name a	bonds and related subtraction
equal parts	facts within 20.
	Subtract one-digit and two-
d name a	digit numbers to 20 using
rour equal	difference as find now many
·.	Solvo problems relating to
	finding the difference
vision	Number and Place Value
oblems	Identify ten more and ten less.
ation and	Order numbers to 50.
ting the	Recognise the place value of
rete objects,	numbers beyond 20.
tations and	 Read and write numbers from
er support.	1 to 20 in numerals and words.
es of twos,	Recognise the place value of
ibles/balves	numbers beyond 20 (tens and
10	ones).
	 Use the language of equal to, more than and less than
	Statistics
	Ask and answer questions by
	comparing categorical data.
h and haight	Massurament - time
th and height	Tell time to the hour
th (cm and	Tell time to half hour
	 Tell time to ¼ and ¼ to
order lengths	 Tell time to 5 minutes
er der lengens	

	 Represent numbers to 100 Use a place value chart Compare and order numbers 	2-digit number and ones; a 2-digit number and tens; 2, 2-digit numbers; adding 3, 1-digit numbers	 Complete multiplication sentences Complete sums using arrays 	 Draw Lines of symmetry Identify and describe the properties of 3d shapes, including the number of 	 Complete 4 o x /) with len Problem solvi length
	 Use place value and number facts to solve problems Recognise the place value of each digit in a 2-digit number (Tone (Units)) 	 Add take away numbers crossing 10 Add take away numbers not crossing 10 Add 3 digit numbers 	 Double numbers Times table 2, 5, 10 Making and sharing equal groups Divide 2, 5, 10 	 edges, vertices and faces Compare and sort common 2d and 3d shapes and everyday objects (2D/3D shapes) Sort and make patterns 	Geometry – position • Use mathema vocabulary to position, dire
	 Count in steps of 2, 5 and 10 from 0 and in tens from any number forward and backward Read and write numbers to at least 100 in numerals and in words Addition and Subtraction Addition and Subtraction Addition and subtraction to 20 (bonds) Compare number sentences Bonds to 100 (tens) Add take away 1 10 more 10 less Add and take away 10 understand 10 more10 less Check calculations 	 Measurement – Money Recognise coins (p and £) Recognise notes Count money (coins and notes) Make amounts/totals Compare money Find the difference/give change Understand the value of coins Add coins together Use p and £ sign 2 step problems 	 Odd and even numbers Statistics Making tally charts Interpret tally charts Draw and interpret pictograms Complete block diagrams 	 Sort and make patterns with 2D shapes Fractions Work with parts and wholes Find and recognise half Find and recognise a quarter Find and recognise a third Recognise equivalent fractions ½ and 2/4 Find ¾ 	 Movement, in movement in line. (Position movement) Distinguish be rotation as a terms of right quarter, half a quarter turns and anti-cloci Making patter shapes
Year 3	 Place Value Read and write numbers to at least 1000 Recognise place value of each digit in 3-digit number Compare and order numbers to 1000 Round numbers to at least 1000 to the nearest 10 and 100 Mental calculation Find 1, 10 or 100 more or less from a given number Add U and T mentally from HTU Subtract u and T mentally from HTU 2d shape Draw 2D shape and describe them 	 Counting Multiplication Tables (3x 4x) Count from 0 in multiples of 4. Recall and use multiplication and division facts for the 3- and 4-times tables. Describe and extend number sequences involving counting on or back in different steps. Written and mental multiplication Written and mental multiplication Write and calculate mathematical statements Solve problems, including missing number problems involving multiplication, including positive integer scaling problems and correspondence problems 	 Place Value Mental + & - Find 1, 10 or 100 more or less than a given number. Count from 0 in multiples of 50 and 100. Describe and extend number sequences involving counting on or back in different steps. Add and subtract mentally: - a three-digit number and ones a three-digit number and tens a three-digit number and hundreds. Fractions Recognise and use fractions as numbers: unit fractions with small 	 2d & 3d shape - sorting Recognise 3-D shapes in different orientations and describe them. Recognise that angles area property of a shape or a description of a turn. Identify whether angles are greater than or less than a right angle. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. + & - statistics Add numbers with up to three digits, using formal written method of columnar addition. Subtract numbers with up to three digits, using 	 Multiplication facts – Recall and use multiplication facts for the 3 multiplication X & ÷ measures Write and cal mathematica for division use multiplication they know, in two-digit nun by one-digit nun by one-

perations (+, -	Write the time
gth	Understand hours and days
ing with	 Find durations of time
	Compare durations of time
and direction	Measurement - mass, capacity and
atical	temperature
o describe	 Develop understanding of
ction and	weight and mass
ncluding	Measure and compare
n a straight	mass
n and	• Measure mass in grams
	and Kg
etween	• Develop understanding of
turn and in	capacity and volume
t angles for	Measure and compare
and three-	volume
s (clockwise	Measure in ml and l
kwise	Complete 4 operations (+, -
erns with	, x /) with mass and volume
	Develop understanding of
	temperature
	Measure and compare
	incusure una compare
	temperature in C
statistics	temperature in C
- statistics	temperature in C Revision of: Place Value in the context of
- statistics	temperature in C Revision of: Place Value in the context of measures
- statistics le n and division	temperature in C Revision of: Place Value in the context of measures
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- statistics se n and division 3, 4 and 8 n tables.	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics
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- statistics re n and division 3, 4 and 8 n tables. Iculate al statements sing the n tables that aculuate statements	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures Measures
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- statistics e n and division 3, 4 and 8 n tables. Iculate Il statements sing the n tables that ncluding for mbers divided	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures Measures Measures Measures Measures (m/cm/cm/ch/c)
- statistics e n and division 3, 4 and 8 n tables. Iculate al statements sing the n tables that ncluding for mbers divided numbers, and	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); usburge (newser)
- statistics e n and division 3, 4 and 8 n tables. Iculate Il statements sing the n tables that ncluding for mbers divided numbers, and	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
- statistics e n and division 3, 4 and 8 n tables. Iculate Il statements sing the n tables that ncluding for mbers divided numbers, and o formal	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). • Measure the perimeter of
- statistics e n and division 3, 4 and 8 n tables. Iculate al statements sing the n tables that ncluding for mbers divided numbers, and o formal nods.	temperature in CRevision of:Place Value in the context of measuresMental calculation in a variety of contexts, including money, measures and statisticsFractions in practical contextsMeasures and statisticsFractions in practical contextsMeasures• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).• Measure the perimeter of simple 2-D shapes.
- statistics The mand division 3, 4 and 8 m tables. Iculate all statements sing the m tables that including for mbers divided numbers, and o formal mods.	temperature in CRevision of:Place Value in the context of measuresMental calculation in a variety of contexts, including money, measures and statisticsFractions in practical contextsMeasures and statisticsFractions in practical contextsMeasures• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).• Measure the perimeter of simple 2-D shapes.• Solve problems involving
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- statistics e n and division 3, 4 and 8 n tables. Iculate al statements sing the n tables that ncluding for mbers divided numbers, and o formal nods.	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures Measures Measures Measures Measures Output Measure the perimeter of simple 2-D shapes. Solve problems involving measures.
- statistics e n and division 3, 4 and 8 n tables. Iculate al statements sing the n tables that including for mbers divided numbers, and io formal iods. appes and m.	temperature in CRevision of:Place Value in the context of measuresMental calculation in a variety of contexts, including money, measures and statisticsFractions in practical contextsMeasures and statisticsFractions in practical contextsMeasures• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).• Measure the perimeter of simple 2-D shapes.• Solve problems involving measures.
- statistics e n and division 3, 4 and 8 n tables. Iculate al statements sing the n tables that ncluding for mbers divided numbers, and o formal nods. epes and m. contal and	temperature in C Revision of: Place Value in the context of measures Mental calculation in a variety of contexts, including money, measures and statistics Fractions in practical contexts Measures • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). • Measure the perimeter of simple 2-D shapes. • Solve problems involving measures.

Length including perimeter

- Measure, compare, add and subtract lengths (mm, cm & m)
- Understand perimeter is a measure of distance around a boundary of a shape
- Measure the perimeter of a 2D shape

Statistics

- Interpret and present data using bar charts and tables
- Solve one and two step problems

Written addition

- To add numbers with up to three digits using column addition
- To estimate the answer to the calculation and use the inverse.

Written subtraction

- To subtract numbers with up to three digits using column subtraction
- To estimate the answer to the calculation and use the inverse.

in which n objects are connected to m objects.

- Written & mental ÷
 Write and calculate mathematical statements for division using the multiplication tables that they know, including for two-digit numbers divided by one-digit numbers, using mental and progressing to formal written methods.
- Solve problems involving money and measures.
- Solve problems, including missing number problems, involving division (and interpreting remainders) and correspondence problems in which n objects are connected to m objects.

Time

- Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
- Estimate and read time with increasing accuracy to the nearest minute.
- Record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.
- Know the number of seconds in a minute and the number of days in each month, year and leap year.
- Solve simple problems involving passage of time.

3d shape

- Make 3-D shapes using modelling materials.
- Recognise 3-D shapes in different orientations and describe them.

- Understand that finding a fraction of an amount relates to division.
- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
- Show practically or pictorially that a fraction is one whole number divided by another (for example, $\frac{3}{4}$ can be interpreted as 3 ÷ 4).

Fractions and Division

- Understand that finding a fraction of an amount relates to division.
- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
- Understand how division statements can be represented using arrays.
- Understand division as sharing and grouping and use each appropriately.

Volume & capacity

- Measure, compare, add and subtract volumes and capacities.
- Solving measurement Problems
- Solve problems involving and measures.

Mass

- Measure, compare, add and subtract masses.
 Solving measurement
- Problems
- 8X table
- Count from 0 in multiples of 8.
- Recall and use multiplication and division facts for the 8 multiplication tables.

formal written method of columnar subtraction. Solve problems, including missing number problems, using number facts, place

value, and more complex addition and subtraction. Solve one-step and twostep questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and

Fractions

 Recognise and show, using diagrams, equivalent fractions with small denominators.

pictograms and tables.

- Add and subtract fractions with the same denominator within one whole (using diagram) (for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$).
- Compare and order unit fractions and fractions with the same denominators (including on a number line).

Position and direction

- Use mathematical vocabulary to describe position, direction and movement, including distinguishing between rotation as a turn and in terms of right angles for quarter, half and threequarter turns (clockwise and anti-clockwise), and movement in a straight line. (Year 2 objective)
- Describe positions on a square grid labelled with letters and numbers.

Time

 Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and perpendicula lines.

- Measure the pessimple shapes.
- Recognise that property of a s description of a
- Identify right an recognise that angles make a l three make thr of a turn and fo complete turn.
- Identify wheth greater than o right angle.

Decimals

- Count up and o tenths.
 Recognise that from dividing a into 10 equal p dividing one-d or quantities k
- Identify the va digit to one de
- Read and write with one decir
- Compare and numbers with place.
- Continue to re use symbols for and pence (p) understand the decimal point pounds and per
- Recognise that coins are equivant that each £1.

+ & - money

- Solve problem money
 - Add and subtra of money to giv using both £ ar practical conte

3d shape – sorting

 Make 3-D shapes usi modelling materials.

lar and parallel	Statisti	CS
e perimeter of bes. hat angles are a a shape or a of a turn. ht angles, hat two right e a half turn, three quarters d four a urn. ether angles are n or less than a	•	interpret and present data using bar charts, pictograms and tables. Solve one-step and two- step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables.
nd down in		
that tenths arise ing an object al parts and in e-digit numbers es by 10. e value of each e decimal place. write numbers ecimal place. ith one decimal o recognise and s for pounds (£) (p) and t that the int separates d pence. that ten 10p quivalent to £1 inch coin is $\frac{1}{10}$ of		
ems involving		
btract amounts o give change, £ and p in ntexts.		
hapes using		

				12 hour and 24 hour	Deservice 2 D
		Identify norizontal and	Use sorting diagrams to	12-nour and 24-nour	Recognise 3-D
		vertical lines and pairs of	compare and sort	CIOCKS.	different orien
		perpendicular and parallel	numbers.	Estimate and read time	describe them
		lines.	Describe and extend	with increasing accuracy to	
			number sequences	the nearest minute.	
			involving counting on or	Record and compare time	
			back in different steps.	in terms of seconds,	
				minutes and hours; use	
			Multiplication - statistics,	vocabulary such as, o'clock,	
			measures and money	a.m./p.m., morning,	
			 Write and calculate 	afternoon, noon and	
			mathematical statements	midnight.	
			for multiplication using the	Know the number of	
			multiplication tables that	seconds in a minute and	
			they know, including for	the number of days in each	
			two-digit numbers times	month, year and leap year.	
			one-digit numbers, using		
			mental and progressing to		
			formal written methods.		
			(Grid Method)		
			Solve problems involving		
			money and measures.		
			 Solve problems, including 		
			missing number problems		
			involving multiplication.		
	Number and Place Value	Multiplication & Division	Number & Place Value	Number and Place Value	Number and Place Val
	Recognise the place value	 Understand place value 	 Use place value describe 	 Identify the place value of 	 Describe and e
	of each digit in a four-digit	and multiplication facts to	and extend number	each digit to two decimal	number seque
	number including decimals	develop written methods	sequences involving	places.	involving count
	number including decimalsRound any number to the	develop written methods for multiplication.	sequences involving counting on or back in	places.	involving count back in differen
	 number including decimals Round any number to the nearest 10, 100 or 1000 	develop written methods for multiplication.Develop a written method	sequences involving counting on or back in different steps, including	places. Multiplication	involving count back in differen including seque
	 number including decimals Round any number to the nearest 10, 100 or 1000 Find 0.1, 1, 10, 100 or 1000 	develop written methods for multiplication.Develop a written method of division	sequences involving counting on or back in different steps, including sequences with	places. Multiplication • Know how to multiply	involving count back in differer including seque multiplication a
	 number including decimals Round any number to the nearest 10, 100 or 1000 Find 0.1, 1, 10, 100 or 1000 more or less than a given 	 develop written methods for multiplication. Develop a written method of division Mental Division, using 	sequences involving counting on or back in different steps, including sequences with multiplication and division	places. Multiplication • Know how to multiply together three numbers.	involving count back in differen including seque multiplication a steps.
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ntations and		
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lue	Numb	Der
extend	•	Solve number and practical
ences		problems that with
nting on or		increasingly large positive
ent steps,		number including decimals
iences with		5
and division	Statis	tics
	•	Solve comparison, sum and
		difference problems using
		information presented in
knowledge		har charts nictograms
nding of		tables and other grants
relate		tables and other graphs
d dividing by	Vqqi+	ion and Subtraction
decimal	Auuit	Add and subtract numbers
o converting		with up to A digits and
ire		decimals with one decimal
arc.		nlace using the officient
		writton mothods of
para and		whiten methods of
ipare and		
rent		
		appropriate.
owledge of		
/stem when	Multi	plication and Division
gths (mm,	•	Solve problems involving
ities /		multiplying and adding,
) and masses		including using the
		distributive law to multiply

	Pood time to the nearest	charts, pictograms, tables	Recognise and write	written methods of	Solve problem
	Read time to the hearest minute is developed to	and other graphs.		subtraction where	minutes: minutes
	include converting	Multiplication	 Solve simple measure and 	appropriate	seconds: years
	between different time	Recall multiplication facts	money problems involving	appropriater	weeks to days
	systems (analogue and	up to and including 12x 12	fractions and decimals to	Statistics	problems invo
	digital) and different units		two decimal places.	Interpret discrete and	and measures.
	of time.		Multiplication	continuous data using	Geometry
			 Recall multiplication facts 	appropriate graphical	Complete a sir
	Roman Numerals		up to and including 12x 12	methods, including bar	symmetric figu
	Recognise Roman			charts and time graphs.	respect to a sp
	Numerals				symmetry.
				Multiplication	Plot specified
	Multiplication			Recall multiplication facts	draw sides to d
	Recall multiplication facts			up to and including 12x 12	given polygon
	up to and including 12x 12				Desition & Disection
					Position & Direction
					 Describe move botwcon posit
					grid as translat
					given unit to th
					and up/down.
					Multiplication
					Recall multiplie
					up to and inclu
	Place Value	Multiplication and Division	Place Value	Multiplication and Division	Place Value
	• Read, write, order and	factors including finding all	numbers and count	• Identity inditiples and factors	• Read, write, of
	least 1 000 000 and	factor pair	forwards and backwards	Divide numbers mentally	least 1 000 000
	determine the value of	Know and use the	with positive and negative	 Divide numbers up to 4 	Identify the va
	each digit.	vocabulary of prime	whole numbers	digits by a one-digit	digit to three o
	Count forwards or	numbers.	Calculate difference in	number using short	places.
	backwards in steps of	• Recognise and use square	temperature	division and interpret	Read, write, or
	powers of 10 for any given	numbers	Describe and extend	remainders	compare num
	number up to 1 000 000.	Use partitioning to double	number sequences	Solve problems involving	to three decim
	Describe and extend	or halve any number,	including multiplication	addition, subtraction,	Count forward
	number sequences	including decimals to two	and division steps including	multiplication and division	backwards in s
נה ב	Round any number up to 1	decimal places.	decimals		powers of 10 f
ea	000 000 to the nearest 10,	Multiply and divide	Order temperatures	Geometry	number up to
ž	100, 1000, 10 000 and 100	numbers mentally	Read Roman numerals to	Distinguish between	Count forward
	000.	Solve problems involving	1000 and recognise years	regular and irregular	backwards in c
	• Find 1, 10, 100, 1000 and	multiplication and division	written in Roman	polygons	steps.
	other powers of 10 more	Multiply numbers up to 4	numerais.	Use the properties of	Round any nur
	number than a given	aigits by a one- or two-digit	Addition and Subtraction	rectangles to deduce	100 100 to the
	number	long multiplication for two	Add and subtract numbers	lengths and angles	100, 1000, 10 000 and 100
	Recognise and use	digit numbers	 Audianu subtract numbers mentally with decimals to 	 Identify 2-D shapes 	Pound docima
	thousandths and relate	Divide numbers un to 4	two decimal places	including cubes and other	decimal places
		digits by a one digit	Add and subtract whole	cuboids from 2-D	nearest whole
	them to tenths				
	them to tenths, hundredths and decimal	number using short	numbers with more than 4	representations.	to one decima
	them to tenths, hundredths and decimal equivalents.	number using short division and interpret	numbers with more than 4 digits and decimals with	 representations. Compare and classify 	to one decima • Find 0.01.01
	them to tenths, hundredths and decimal equivalents.	number using short division and interpret remainders	numbers with more than 4 digits and decimals with	 representations. Compare and classify geometric shapes. 	to one decima • Find 0.01, 0.1, 1000 and othe

s involving	two-digit numbers by one
m hours to	digit, division (including
ites to	remainders)
s to months;	
and	Geometry
lving money	 Use a variety of sorting
	diagrams to compare and
	classify numbers and
nple	geometric shapes,
ure with	including quadrilaterals
pecific line of	and triangles, based on
	their properties and sizes.
points and	
complete a	Multiplication
	Recall multiplication facts
	up to and including 12x 12
ements	
ions on a 2-D	
tions of a	
he left/right	
cation facts	
uding 12x 12	
	Place Value
rder and	Read, write, order and
bers to at	compare numbers to at
0	least 1 000 000
- lue of each	Count forwards or
decimal	backwards in steps of
	powers of 10 for any given
rder and	number up to 1 000 000
hers with up	Interpret negative
nal nlaces	numbers in context count
la places.	forwards and backwards
is ui	with positive and pogative
for any given	whole numbers including
	through zero
1 000 000.	Dound any number up to 1
is and	Round any number up to 1
decimai	
	100, 1000, 10 000 and 100
mber up to 1	000.
e nearest 10,	Addition College at a
	Addition, Subtraction,
0 000.	iviultiplication and Division
ls with two	Add and subtract whole
s to the	numbers with more than 4
number and	digits and decimals with
l place.	two decimal places
1, 10, 100,	
er powers of	

Read, write, order and	Solve problems involving	two decimal places, using	including quadrilaterals	10 more or les
compare numbers with up	division.	formal written methods	and triangles, based on	given number
to three decimal places.		 Use estimation and inverse 	their properties and sizes.	number.
• Find 0.01, 0.1, 1, 10, 100,	Fractions	to check answers to		
1000 and other powers of	Count on and back in	calculations	Fractions, Decimals and	Fractions
10 more or less than a	mixed number steps	 Solve addition and 	Percentages	Recognise mixe
given number than a given	 Read and write decimal 	subtraction multi-step	Recognise mixed number	and improper
number.	numbers as fractions.	problems	and improper fractions and	convert from c
 Count forwards and 	 Identify, name and write 		convert from one form to	another.
backwards in decimal	equivalent fractions	Multiplication & Division	the other.	Compare and of the second
steps.	Compare and order	 Identify multiples and 	 Add and subtract fractions 	fractions
Round decimals with two	fractions	factors	with the same	 Identify, name
decimal places to the	Solve problems involving	 Multiply and divide 	denominator and	equivalent frac
nearest whole number and	fractions.	numbers mentally	denominators that are	including tenth
to one decimal place.		 Multiply numbers up to 4 	multiples of the same	hundredths.
 Multiply and divide whole 	Statistics	digits by a one- or two-digit	number	Add and subtra
numbers and those	 Read, write and convert 	number using long	Write mathematical	 Multiply prope
involving decimals by 10,	time between analogue	multiplication	statements > 1 as a mixed	and mixed nun
100 and 1000.	and digital 12 and 24-hour	Solve problems involving	number,	whole number
	clocks.	multiplication, including		
	• Complete, read and	scaling	Measures	Measures
Addition and Subtraction	interpret information in		Calculate and compare the	 Read, write an
 Add and subtract whole 	tables, including	Measures	area of rectangles and	time between
numbers with more than 4	timetables.	Use all four operations to	estimate the area of	and digital 12 a
digits and decimals with	 Solve problems involving 	solve problems involving	irregular shapes.	clocks.
two decimal places,	converting between units	measure (for example,	 Estimate (and calculate) 	 Complete, read
including using formal	of time.	length, mass, volume,	volume	interpret infor
written methods		money) using decimal		tables, includir
Use estimation and inverse	Measures	notation.	Statistics	timetables.
to check answers to	 Calculate and compare the 	Use, read and write	 Use, read and write 	Solve problem
calculations	area of rectangles and	standard units of length	standard units of length	converting bet
 Solve addition and 	estimate the area of	and mass to a suitable	and mass	of time.
subtraction multi-step	irregular shapes.	degree of accuracy.	Estimate and calculate	Solve comparis
problems		Estimate and calculate	capacity.	difference pro
		capacity.	 Calculate and interpret the 	information pr
Geometry		Multiply and divide	mode, median and range.	all types of gra
Estimate and compare		numbers and those		a line graph.
acute, obtuse and reflex		involving decimals by 10,		
angles.		100 and 1000.		Geometry
 Draw given angles and 		 Convert between different 		 Distinguish bet
measure them in degrees		units of metric measure		regular and irr
				polygons base
Measure		Geometry		reasoning abo
Distinguish between		 Distinguish between 		sides and angle
regular polygons based on		regular and irregular		Use the proper
reasoning about equal		polygons		rectangles find
sides and angles.		 Describe positions on the 		lengths and an
Measure and calculate the		first quadrant of a		 Identify 3-D sh
perimeter of rectilinear		coordinate grid.		including cube
shapes in centimetres and		 Plot specified points and 		cuboids, from
		complete shapes.		representation
metres.				· · ·
metres.		 Identify, describe and 		Compare and of the second
metres. Statistics		 Identify, describe and represent the position of a 		Compare and of geometric shapes of the second

or less than a	•	Multiply numbers up to 4
nber than a given		digits by a one- or two-digit
5		number
		Divido numbors un to 4
	- -	digits by a and digit
		uigits by a one-digit
e mixed numbers		number
oper fractions and	•	Solve problems involving
rom one form to		addition, subtraction,
		multiplication and division
and order		·
	Fractio	ons/decimals/nercentages
name and write	-	Pound decimals with two
t fractions	•	desimal places to the
		decimal places to the
tenths and		nearest whole number and
hs.		to one decimal place.
subtract fractions	•	Solve problems involving
proper fractions		number up to three
d numbers by		decimal places.
mbers	•	Recognise the percent
	Ţ	symbol (%) and understand
		that nor cont relates to
to one description of		(number of rests
te and convert		number of parts per
veen analogue		hundred', and write
al 12 and 24-hour		percentages as a fraction
		with denominator 100, and
, read and		as a decimal.
information in	•	Solve problems which
cluding		require knowing
		nercentage and decimal
		percentage and decimal
		equivalents
g between units		
	Measu	ires
nparison, sum and	•	Solve problems involving
e problems using		converting between units
on presented in		of time.
of graph including	•	Use all four operations to
nh		solve problems involving
рп.		mosturo
	•	Understand and use
sh between		approximate equivalences
nd irregular		between metric units and
based on		common imperial units
g about equal		such as inches, pounds and
angles.		pints.
roperties of	•	Estimate volume (for
s find missing		example using 1 cm ³
ad angles		erample, using I UII
nu angles.		
-υ snapes,		(including cubes)) and
cubes and other		capacity (for example,
from 2-D		using water).
tations.		
and classifv	Geom	etry
c shapes	•	Calculate and compare the
auadrilatorale	-	area of rectangles and
94001110101015	l	

	 Solve comparison, sum and difference problems using information presented in a line graph. 	FAI	 shape following a reflection or translation Estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees Identify angles at a point and one whole turn Identify angles at a point on a straight line and a turn 		 and triangles, b their properties Describe position first quadrant of coordinate grid Plot specified p complete shape Identify, descrift represent the p shape following reflection or track Addition and Subtraction Add and subtraction
				PRIN	digits and decir two decimal pla including using written method • Add and subtra mentally • Solve addition a subtraction mu problems in con deciding which and methods to why. • Multiplication and divi
					 Divide numbers digits by a one- number using of division Multiply and di numbers and th involving decim 100 and 1000. Recognise and numbers and con numbers Solve problems multiplication and
Year 6	 Place Value Read, write, order and compare numbers up to 10 000 000 Round any whole number Use negative numbers in context, and calculate intervals across zero. Count forwards or backwards in steps of integers, decimals 	 Fractions, percentages, ratio and proportion Identify common factors, common multiples and prime numbers. Compare and order fractions, including fractions >1 Add and subtract fractions with different denominators and mixed numbers 	 Place Value Count forwards or backwards in steps of integers, decimals or powers of 10 for any number. Describe and extend number sequences Use simple formulae. Generate and describe linear number sequences. 	 Addition and Subtraction Add and subtract whole numbers and decimals using formal written methods Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. 	 Place Value Count forwards backwards in st integers, decim powers of 10 for number. Order and com numbers includ integers, decim negative numb Identify representation

based on es and sizes.	estimate the area of irregular shapes.	
ions on the		
ofa		
d.		
points and		
es.		
ibe and		
position of a		
ga		
anslation		
ion		
act whole		
more than 4		
mals with		
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formal		
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act numbers		
and		
ilti-sten		
ontexts		
operations		
o use and		
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ision		
rs un to 4		
-digit		
of short		
ivide whole		
hose		
mals by 10		
11010 0 1 20,		
use square		
cube		
s involving		
and division		
	Place Value and Decimals	
s or	 Count forwards or 	
teps of	backwards in steps of	
nals or	integers, decimals or	
or any	powers of 10 for any	
-	number.	
npare	• Order and compare	
ding	numbers including	
nals and	integers, decimals and	
pers.	negative numbers.	
sent and	Calculate differences in	

or powers of 10 for any	Associate a fraction with	Geometry	Use their knowledge of the	estimate numbe
number.	division and calculate decimal	 Describe positions on the full 	order of operations to	the number line.
 Order and compare numbers 	fraction equivalents (e.g.	coordinate grid (all four	carry out calculations	 Find 0.001, 0.01,
including integers, decimals	0.375) for a simple fraction	quadrants).	involving the four	and powers of 1
and negative numbers.	$(e.g. \frac{3}{8}).$	 Draw and translate simple 	operations.	less than a given
• Find 0.001, 0.01, 0.1, 1, 10 and	• Recall and use equivalences	shapes on the coordinate		Round decimals
powers of 10 more or less than	between simple fractions,	plane, and reflect them in the	Measurement, Ratio and	 Simplify fraction
a given number.	decimals and percentages	axes.	proportion	 Compare and or
 Recall and use addition and 	Solve problems involving		Solve problems involving	fractions,
subtraction facts for 1 (with	fractions.	Measures	similar shapes where the	 Add and subtrac
decimal numbers to two	• Find simple percentages of	Use negative numbers in	scale factor is known or	Calculate decima
decimal places).	amounts.	context	can be found.	equivalents
Round decimals with three	Solve problems involving the	Order and compare numbers	• Use, read, write and	
places to the nearest whole	calculation of percentages	including integers, decimals	convert between standard	Multiplication and Writt
number or one or two decimal	Solve problems involving	and negative numbers.	units, converting	Calculation
places.	similar shapes where the scale	Calculate and interpret the	measurements of length,	Perform mental
 Identify the value of each digit 	factor is known or can be	mean as an average.	mass, volume and time	calculations, incl
in numbers given to three	found.		Solve problems involving	mixed operation
decimal places and multiply	Solve problems involving	Fractions	the calculation and	numbers and de
and divide numbers by 10, 100	unequal sharing and grouping	 Identify common factors, 	conversion of units of	 Add and subtrac
and 1000 giving answers up to	using knowledge of fractions	common multiples and prime	measure (including money	numbers and de
three decimal places.	and multiples.	numbers.	and time)	using formal wri
		Use common factors to	 Solve problems involving 	methods
Addition and Subtraction	Geometry	simplify fractions; use	the relative sizes of two	 Solve problems i
Perform mental calculations,	Recognise angles where	common multiples to express	quantities where missing	addition, subtrac
including with mixed	they meet at a point, are	fractions in the same	values can be found by	multiplication ar
operations and large numbers	on a straight line, or are	denomination.	using integer multiplication	using formal wri
and decimals.	vertically opposite, and	Add and subtract fractions	and division facts.	methods.
Choose an appropriate	find missing angles.	with different denominators	 Solve problems involving the calculation of 	Use estimation a
strategy to solve a calculation		and mixed numbers, using	the calculation of	to check answer
Solve addition and subtraction	Statistics	the concept of equivalent	percentages	calculations
multi-step problems	 Interpret and construct pie 	fractions.	Solve problems involving	-
Express missing number	charts and line graphs and use	Initially simple pairs of	arouning using knowledge	Fractions, ratio and prop
problems algebraically.	these to solve problems.	proper fractions, writing the	of fractions and multiples	Multiply simple
Find pairs of numbers that	 Solve comparison, sum and 	Divide preper freations by	Convert between miles and	proper tractions
satisfy an equation with two	difference problems using	Divide proper fractions by	kilomotros	Divide proper fra
unknowns.	information presented in all	Coloulate desired frestion	Kilometres.	whole numbers
 Use estimation and inverse to aback answers to estimation 	types of graph.	Calculate decimal fraction	Geometry	Solve problems i
check answers to calculations		equivalents for a simple	Draw 2-D shapes using	the calculation o
Add and subtract whole	Measures	Inaction	given dimensions and	percentages
numbers and decimals using	 Solve problems involving 	Multiplication and Division	angles	 Solve problems i
column addition and	the calculation and	Divide numbers units to the time	Becognice describe and	similar shapes w
subtraction	conversion of units of	Divide numbers up to 4 digits	Kecognise, describe and huild simple 3. Dishapos	scale factor is kn
 Solve problems which require 	measure (including money	by a two-digit whole number	including making nots	can be found.
answers to be rounded to	and time)	using iong division	Compare and classify	
specified degrees of accuracy.	• Use, read, write and	Divide numbers up to 4 digits	Compare and Classify geometric change based on	Geometry
Multiplication and Division	convert between standard	by a two-digit number using	their properties and sizes	 Draw 2-D shapes
	units, converting	snort alvision	and find unknown angles in	given dimension
		 Use written division methods 	and this unknown angles in	angles.
Multiplication and Division Multiply multi-digit numbers	measurements of length			 Describe position
 Multiplication and Division Multiply multi-digit numbers up to 4 digits by a two-digit 	measurements of length and mass	where the answer has up to	guadrilatorals and regular	
 Multiplication and Division Multiply multi-digit numbers up to 4 digits by a two-digit whole number using long multiplication 	measurements of lengthand massConvert between miles and	where the answer has up to two decimal places.	quadrilaterals, and regular	full coordinate g
 Multiplication and Division Multiply multi-digit numbers up to 4 digits by a two-digit whole number using long multiplication. 	 measurements of length and mass Convert between miles and kilometres. 	 where the answer has up to two decimal places. Multiply multi-digit numbers 	quadrilaterals, and regular polygons.	full coordinate g four quadrants).
 Multiplication and Division Multiply multi-digit numbers up to 4 digits by a two-digit whole number using long multiplication. 	 measurements of length and mass Convert between miles and kilometres. Recognise that shapes with 	 where the answer has up to two decimal places. Multiply multi-digit numbers up to 4 digits by a two-digit 	 quadrilaterals, and regular polygons. Continue to complete and interpret information in a 	full coordinate g four quadrants). • Draw and transla

nbers using		temperature
line.	•	Find 0.001, 0.01, 0.1, 1, 10
.01, 0.1, 1, 10		and powers of 10 more or
of 10 more or		less than a given number.
ven number.	•	Round decimals with three
nals		places
tions	•	Describe and extend
d order		number sequences
tract fractions	Measu	res
cimal fraction	•	Solve problems involving
		the calculation and
		conversion of units of
/ritten		measure
	•	Use, read, write and
ntal		convert between standard
including with	N.	units
tions and large	•	Calculate, estimate and
l decimals.		compare volume of cubes
tract whole		and cuboids using standard
decimals		units
written		
	Additio	on, Subtraction,
ms involving	Multip	lication and Division
traction,	•	Perform mental
n and division,		calculations, including with
written		mixed operations and large
		numbers and decimals.
on and inverse	•	Add and subtract whole
wers to		numbers and decimals
		using formal written
		Salva problems involving
proportion		addition subtraction
pie pairs of		multiplication and division
uns		using formal written
		methods
ers ms.involving		lise estimation and inverse
on of	_	to check answers to
		calculations
ms involving		
as where the	Fractio	ns
s known or	•	Use common factors to
L		simplify fractions
	•	Compare and order
		fractions, including
apes using		fractions >1
sions and	•	Add and subtract fractions
		with different
itions on the		denominators
te grid (all	•	Multiply simple pairs of
nts).		proper fractions
inslate simple	•	Divide proper fractions by
e coordinate		whole numbers

- Multiply one-digit numbers with up to two decimal places by whole numbers.
- Divide numbers up to 4 digits by a two-digit whole number using long division
- Divide numbers up to 4 digits by a two-digit number using short division, interpreting remainders
- Use written division methods in cases where the answer has up to two decimal places.
- Perform mental calculations, including with mixed operations and large numbers and decimals.
- Solve problems involving addition, subtraction, multiplication and division.
- Express missing number problems algebraically.

Geometry

- Draw 2-D shapes using given dimensions and angles.
- Recognise, describe and build simple 3-D shapes, including making nets.
- Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.
- Continue to complete and interpret information in a variety of sorting diagrams (including those used to sort properties of numbers and shapes).

different perimeters and vice versa.

- Calculate the area of parallelograms and triangles.
- Recognise when it is possible to use the formulae for area and volume of shapes.
- Calculate, estimate and compare volume of cubes and cuboids using standard units

multiplication.

- Multiply one-digit numbers with up to two decimal places by whole numbers.
- variety of sorting diagrams
 Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.
 Recognise angles where
- they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
- Recognise that shapes with the same areas can have different perimeters and vice versa.
- Recognise when it is possible to use the formulae for area and volume of shapes.
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids

Statistics

- Interpret and construct pie charts and line graphs and use these to solve problems.
- Solve comparison, sum and difference problems using information presented in all types of graph.

plane, and ref the axes.

Algebra and Sequence

- Describe and e number seque including those multiplication steps, inconsis alternating ste where the step decimal.
- Use simple for
- an have Generate and ers and linear number

Measures

- Solve problem the calculation conversion of measure (inclu and time), usin notation up to decimal places
- Use, read, write convert betwee units
- Calculate and mean as an av

Statistics

 Solve comparise difference probinformation problem
 all types of grage

lect them in	
	Geometry
es extend ences se with and division stent steps, eps and those p size is a rmulae. describe r sequences. as involving n and units of uding money ng decimal o three s te and een standard interpret the verage.	 Draw 2-D shapes using given dimensions and angles Recognise, describe and build simple 3-D shapes, including making nets. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. Continue to complete and interpret information in a variety of sorting diagrams Illustrate and name parts of circles, including radius, diameter and circumference Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
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aph.	