Mathematics Teaching sequence – Year 1 and 2

Children should engage with appropriate number and practical problems throughout each topic.

Statements highlighted in yellow have been identified as 'ready to progress' objectives: key concepts which are essential building blocks for the next steps in learning. These objectives must be embedded across the year so that children are fluent.

Resources to support teaching of these specific objectives can be found here:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1017683/Maths_guidance_KS_1_and_2.pdf https://www.ncetm.org.uk/classroom-resources/exemplification-of-ready-to-progress-criteria/

Year 1		Year 2		
Autumn Term		Autum	n Term	Key vocab for topic
Number and Place value (4 weeks)		Nu	mber and Place value (4 weeks)	Numerals, digits
•	Count within, to and across 100, forward and backwards,	-	Count sets of objects reliably to 100	counting ,forwards
	beginning with 0 or 1 or from any given number:	-	Read and write numerals to 100 in numerals and words	backwards, more
•	Count sets of objects reliably to 20	-	Count forwards in steps 0 of 10 from any number, forwards	less, sequence
•	Read and write numerals from 1 to 20 in numerals and		and backwards	tens (column)
	words	-	Recognise the place value of each digit in a two-digit	ones (column)
-	Count forwards from any number within 20.		number (tens and ones)	place value
•	Count backwards from any number within 20	-	Identify, represent, partition and estimate numbers in	compare, order
•	Sequence numbers on a number line within 20		different ways (up to 100), using different representations	less than , least
•	Reason about the location of numbers to 20 within the		including the number line	more than , most
	linear number system, including comparing using < > and	-	Reason about the location of any two digit number e.g.	greater than, equal
	<mark>=:</mark>		compare and order numbers from 0 to 100, identifying the	to, the same as
•	Given a number, identify one more and one less within 20		next and previous multiple of 10.	same, represent,
•	Compare sets of objects up to 20 using the language of	-	Use the <> and = symbols to compare numbers up to 100	estimate, partition,
	more than less than, greater than and fewer than			number line
•	Compare numbers using the language of more than, less	Number and Place value review week (1 week)		
	than, most, least and equal to			
•	Use the <> and = symbols to compare numbers up to 20	Additio	n and subtraction (5 weeks)	Add, plus, sum,
Numbe	r and Place value review week (1 week)	(Include	e appropriate reasoning using learnt facts/methods	more, total,
		through	nout e.g. missing numbers, comparing number sentences,	altogether, subtract,
<u>Additio</u>	Addition and subtraction (5 weeks)		totals to solve problems)	less, difference,

model Recognise and use the inverse relationship between

 Measures (lengths) 2 weeks Compare lengths and heights using the language of longer than, shorter than and taller than using non-standard units (e.g.cubes, steps) Order lengths and heights using the language of first, second and third. Measure lengths using non-standard units Use a centimetre ruler to measure lengths of objects Solve problems involving length 	 and missing number problems (only within addition and subtraction calculations previously learnt) Compare addition and subtraction number sentences, saying which answer is the biggest/smallest/equal to Review week - addition and subtraction (1 week) <u>Measurement - (2 weeks)</u> To know that length and height can be measured in centimetres To know that a ruler can be used to measure in centimetres. Measure length of standard object in centimetres with a 30cm ruler To know that length and height can be measured in metres when the object is longer or taller Measure length of standard object in metres using a metre rule/trundle wheels Compare and order heights and lengths in any direction using <> and = to record the results Choose and use appropriate standard units to estimate and measure lengths and height Compare and order lengths in any direction using <> and = to record the results Autumn term review and assess (2 weeks) 	Length, height, width, tall, taller, tallest, short, shorter, shortest, long longer, longest, small, ruler, accuracy, centimetres, metres, metre stick, more than, less than, equal to, unit of measurement.
Spring Term	Spring Term	
 Count to and across 100, forward and backwards, beginning with 0 or 1 or from any given number (3 weeks) Count forwards from any number within 50. Count backwards from any number within 50 Sequence numbers on a numberline within 50 	 Number, place value (1 week) Count in steps of 5 from 0 forwards and backwards. Count in steps of 2 from 0 forwards or backwards 	Steps, forwards, backwards, number track, jumps, bigger, smaller.

 Given a number, identify one more and one less within 50 Count in multiples of tens up to 50 To know that 2 digit numbers are made up of ones and 10s To represent numbers as ones and tens Compare numbers up to 50 using the language of more than less than, greater than and fewer than Compare numbers using the language of more than, less than, most, least and equal to Use the <> and = symbols to compare numbers up to 50 Order numbers up to 50 Multiplication and division (2 weeks) Count in multiples of 2 and 5 Use number frames, mathematical equipment objects and pictures to find double of a number up to 10 Use concrete objects and pictures to make equal groups Add together equal groups that are represented as arrays 	 Multiplication (2 weeks) Make equal groups of 2, 5 and 10 and use these to find totals (including representing through bar models) Recognise that combining groups of equal amounts can be done as repeated addition Link repeated addition to multiplication number sentences and calculating the product in the 2, 5 and 10 times table Calculate mathematical statements for multiplication statements within the 2, 5 and 10 times tables and write them using the multiplication (x) and equals (=) sign Recognise odd and even numbers 	Equal groups, total, bar model, equal amounts, repeated addition, multiplication, groups of, multiple of, times, lots of, multiply, times tables, equals, odd, even, commutative
 equal numbers Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays and mental methods, Include relating grouping problems (where number of 	 Division (2 weeks) Recall the division facts for the 2, 5 and 10 times table To know that equal sharing into groups of the same size is called division 	Divide, divided by, divide into, sharing,
groups is unknown) to multiplication equations with a missing factor, and to division.	 Practically share a group of objects into smaller groups of equal size and write the corresponding division calculation Write division number sentences using the ÷ symbol Show that multiplication of 2 numbers can be done in any order and that division can not Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods. Review Week (1 week) 	equal groups of, shared between, division facts, arrays, repeated addition, bar model

	Statistics (1 week)	
 Statistics (1 week) Interpret data in a tally chart Present data in the form of a tally chart Interpret data simple pictograms Present data in simple pictograms 	 Interpret data in a tally chart Present data in the form of a tally chart Interpret data simple pictograms Present data in simple pictograms Ask and answer simple questions by counting the number of objects in each category and sorting the category by numbers Ask and answer simple questions about totalling and comparing categorical data. 	Data, interpret, present, tally chart, pictograms, categories, sorting, totalling, amount, compare, difference.
Review and assess week 1 week	Review and assess 1 week	
 Addition and subtraction - 2 weeks Use knowledge of tens and ones to add and subtracts numbers with tens and ones up to 20, using concrete and pictorial representations Represent addition and subtraction calculations to 50 in number sentences 	 Addition and subtraction (2 weeks) Add numbers using concrete objects and pictorial representations, including 2, 2 digit numbers and 3, 1 digit numbers Add numbers mentally including 2, 2 digit numbers and 3, 1 digit numbers Subtract numbers using concrete objects and pictorial representations, including 2, 2 digit numbers and 3, 1 digit numbers Subtract numbers mentally including 2, 2 digit numbers and 3, 1 digit numbers Subtract numbers mentally including 2, 2 digit numbers and 3, 1 digit numbers Subtract numbers mentally including 2, 2 digit numbers and 3, 1 digit numbers 	Add, plus, sum, more, total, altogether, subtract, less, difference, equals, parts, whole, altogether, bonds, relationship, partition, jump, pictorial, resources, commutative, equation, calculation,
Geometry - properties of Shape (1 weeks)		
 Recognise and name common 2d shapes rectangles, squares, circles and triangles, beginning to use the language associated with their properties (sides and corners) presented in different orientiations. Recognise and name common 2d shapes rectangles, squares, circles and triangles, beginning to use the language associated with their properties (sides and corners) 		

 Know that rectangles, triangles, cuboids and pyramids are not always similar to one another. 		
Summer Term	Summer Term	
 Count to and across 100, forward and backwards, beginning with 0 or 1 or from any given number (2 weeks) Count sets of objects reliably to 100 Count forwards from any number within 100. Count backwards from any number within 100 Sequence numbers on a numberline within 100 Given a number, identify one more and one less within 100 Count in multiples of 10 up to 100 Compare numbers using the language of more than, less than, most, least and equal to Use the <> and = symbols to compare numbers up to 20 Money (1 week) Recognise and know the value of different denominations of coins and notes 	 Money (2 weeks) Recognise and use symbols for pounds (£) and pence (p). Count money (coins and notes) and combine amounts to make a particular value, progressing to working with pounds and pence. Identify and find different combinations of coins that equal the same amounts of money. Compare amounts of money. Identify language in word problems which require addition or subtraction of amounts eg. total cost, altogether, how much more? Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. 	Amount, total, pence, pound, coin, note, total cost, altogether, compare, more than, less than, equal to, change, pay, spent
	Properties of shape (1 week)	
 Fractions (2 week) Recognise and find and name a half as one of two equal parts of an object or shape Recognise and find and name a half as one of two equal parts of a quantity Recognise and find and name a quarter as one of four equal parts of an object or shape Recognise and find and name a quarter as one of four equal parts of an object or shape Recognise and find and name a quarter as one of four equal parts of a quantity 	 Use precise language to identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. Know that a line of symmetry is a line between two halves. Know that when something is folded on its line of symmetry, the two parts match exactly; the shape is symmetrical. Compare and sort common 2-D shapes based on their properties and everyday objects. Order and arrange combinations of mathematical objects eg. 2D shapes in patterns and sequences (geometry – position and direction). 	Properties, 2 dimensional, sides, corners, lines of symmetry, vertical line, halves, fold,

 Geometry - Position and Direction (1 week) Describe position using the language of next to, in front of, behind, to the left of, to the right of Describe and understand half, quarter and 3 quarter turns 	 Fractions (2 weeks) Identify and recognise a whole and equal parts. Recognise, find, name and write a half of a length, shape, set of objects or quantity. Recognise, find, name and write a quarter of a length, shape, set of objects or quantity. Recognise, find, name and write a quarter of a length, shape, set of objects or quantity. Recognise, find, name and write three quarters of a length, shape, set of objects or quantity. Recognise, find, name and write three quarters of a length, shape, set of objects or quantity. Recognise, find, name and write three quarters of a length, shape, set of objects or quantity. Recognise that ¹/₂ and ²/₄ are equivalent. Write simple fractions of amounts e.g ½ of 6 = 3 Know that a unit fraction is where the numerator is 1. Know that that a whole can be split into a different number of equal parts and associate this with recognising unit fractions E.g. If a whole is split into 3 parts, 1 part = ¹/₃ Review week (1 week) 	parts, match, compare Whole, part, deominator, numerator, half, quarter, third, three quarters, equivalent
 Time (1 week) Sequence events in chronological order using language of before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening Recognise and use language relating to dates. , including days of the weeks, months and years Tell the tome to the hour and half past the hour and draw the hands on a clock to show these times. Use the language of quicker, earlier, later 	 Position and direction (1 week) Use mathematical vocabulary to describe position and direction e.g. to the left/right of, in the middle of, in one of the etc. Use mathematical vocabulary to describe movement e.g. forwards, backwards, left and right. Use mathematical vocabulary to describe movement in a straight line and Recognise that clockwise and anticlockwise describes a turn (direction of rotation). Describe turns in terms of clockwise and anti-clockwise and turns at right angles for quarter, half and three-quarter turns. 	Left, right, forwards, backwards, in the middle of, in front of, next to, clockwise, anti- clockwise, right angle, quarter turn,

Begin to measure and record time in hours, minutes and	Time (1 week)	half turn, 3 quarter
 seconds and know whether the events are likely to last seconds, minutes, hours, days, weeks or months Solve practical problems for time (including those which require addition and subtraction of numbers to 20) 	 Tell and write the time to the hour, the half hour, including quarter past/to the hour. Draw the hands on a clock face to show these times. Tell and write the time to 5 minute intervals. Compare and sequence intervals of time. Know the number of minutes in an hour and number of hours in a day. 	turn, rotate. Hour, minutes, half hour, quarter past, half past, quarter to,
 Measures - Weight and capacity (2 weeks) Use balance scales to measure and compare the mass/weight of objects using non-standard units (e.g.cubes) Describe capacity in terms of full/empty/half full Compare capacity using the language of more than/less than by sight Measure capacity using non-standard units such as spoons/glasses/bottles and compare the capacity of different containers by measuring 	 Measure - Weight, volume and temperature (2 weeks) Know that mass can be measured accurately by weighing (e.g. using balance/weighing scales). Compare mass, using vocabulary of heaviest, lightest, heavier and lighter, greater than, less than and equals signs. Know that a gram is a unit for measuring mass. Know that a kilogram is a heavier unit than grams for measuring mass (and is used to measure heavier objects). Choose and use appropriate standard units to estimate and measure mass (kg/g). Know that volume can be measured accurately using measuring vessels/jugs, spoonfuls. Compare volume, using vocabulary of most, least, how many 'spoonfuls', container A holds half as much as container B, greater than, less than and equals signs etc. Know that a litre is a larger unit than millilitres for measuring volume. Choose and use appropriate standard units to estimate and measure volume (l/ml). Know that temperature can be measured accurately using a thermometer in degrees. To know that degrees is represented by the symbol ^o. 	5 minute intervals, sequence, days, weeks, months, years, minute hand, hour hand, seconds. Mass, balance, weight, weighing scales, lightest, heaviest, greater than, less than equal to, grams, kilograms, unit of measurements, Volume, vessels, jugs, spoonfuls, compare, greater than, less than, equal to, millilitres, litres

 Review and assess (1 week) Geometry - properties of shape (1 week) Recognise and name common 3-D shapes (e.g. cuboids including cubes, pyramids and spheres) Compose 2D and 3D shapes from smaller shapes to match an example, including manipulating shapes to place them in particular orientations. 	 Read thermometers and write temperatures in degrees. Compare temperature, using vocabulary of highest, lowest, increase and decrease. Choose and use appropriate standard units to estimate and measure volume (I/mI). Review and assess (1 week) 3D shapes (1 week) Know that a face is a flat surface on a 3D shape. Know that each fact is a 2D shape. Know that an edge is where two faces on a 3D shape meet. Identify and describe the properties of 3-D shapes including the number of edges, vertices and faces. Compare and sort common 3-D shapes and everyday objects based on their properties. Identify 2-D shapes on the surface of 3-D shapes, (eg: a circle on a cylinder and a triangle on a pyramid). Make patterns with 3D shapes. 	Thermometer, degrees, symbol, temperatures, highest, lowest, increase, decrease, 3 dimensional, faces, vertices, edges, meet, compare, sort, 2 dimensional face, sphere, cone, cube, cuboid, prism, cylinder, pyramid, patterns.
Statistics (1 week)	Interpret data in a block diagram.	Block diagram, axes,
 Interpret data in a block diagram. Present data in the form of a block diagram. Interpret data in a simple table. Present data in the form of a simple table. 	 Present data in the form of a block diagram. Ask and answer simple questions by counting the number of objects in each category and sorting the category by numbers. Ask and answer simple questions about totalling and comparing categorical data. Interpret data in a simple table. Present data in the form of a simple table. Ask and answer simple questions by counting the number of objects in each category and sorting the category by numbers. Ask and answer simple questions by counting the number of objects in each category and sorting the category by numbers. Ask and answer simple questions about totalling and comparing categorical data. 	present, interpret, category, sort, totalling, categorical data, compare.

YEAR	2
Facts (declarative knowledge)	Processes (methods)
Number and Place value (3 weeks)	Number and Place value (3 weeks)
 Know the numbers up to 100. Know that numbers can be counted in tens (forward and backwards). 	 Count sets of objects reliably to 100 Read and write numerals to 100 in numerals and words Count forwards in steps 0
 Know that numbers can be partitioned (decomposed and composed). Know the <,> and = are signs used to compare. 	of 10 from any number, forwards and backwards Recognise the place value of each digit in a two-digit number (tens and ones) Identify, represent, partition and estimate numbers in different ways (up to 100). Reason about the location of any two digit number e.g. compare and order numbers from 0 to 100, identifying the
Number and Place value review week (1 week)	next and previous multiple of 10. • Use the <> and = symbols to compare numbers up to 100
Addition and subtraction (5 weeks) Secure fluency in addition and subtraction facts within 10, through continued practice. 	Addition and subtraction Secure fluency in addition and subtraction facts within 10, through continued practice.

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 Recall addition and subtraction facts to 20 fluently.
 Recall all number bonds to and within 10

 Know that numbers can be added and subtracted across 10:

• Know facts within 20.

- Know that adding and subtracting can be done using concrete objects and pictorial representations.
- Know that addition of two numbers can be done in any order (commutative law).
- Understand that subtraction cannot be done in any order.
- Recognise the subtraction structure of 'difference' and answer questions of the form, "How many more...?".
- Recognise the inverse relationship between addition and subtractions

Review week - addition and subtraction (1 week)

- Use addition and subtraction facts to 20 fluently (representing this is different ways for example part whole model, dienes, progressing to number sentences).
- Use all number bonds to and within 10 to reason with and calculate bonds to and within 20, recognising other associated additive relationships.
- Add and subtract across
 10:
- Use known facts within 20 to add and subtract numbers to 100.
- Add numbers using concrete objects and pictorial representations, including 2 digit numbers and ones and two digit numbers and tens
- Add and subtract within
 100 by applying related 1-digit
 addition and subtraction facts:
 add and subtract only ones or
 only tens to/from a 2 digit
 number, before adding and
 subtracting any 2 digit
 numbers:

-Add numbers mentally including 2 digit numbers and ones and two digit numbers and tens

1easurement - (2 week)	 -Subtract numbers using concrete objects and pictorial representations, including 2 digit numbers and ones and two digit numbers and tens -Subtract numbers mentally including 2 digit numbers and ones and two digit numbers and ones and two digit numbers and tens Use the inverse relationship between addition and subtractions to check calculations and missing number problems (only within addition and subtraction calculations previously learnt) Compare addition and subtraction calculation number sentences, saying which answer is the biggest/smallest/equal to
	Measurement - (2 week)
 height can be measured in centimetres To know that a ruler can be used to measure in centimetres. To know that length and height can be measured in metres when the object is longer or taller Know the appropriate standard units to measure 	 Measure length of standard object in centimetres with a 30cm ruler Measure length of standard object in metres using a metre rule/trundle wheels Compare and order heights and lengths in any direction using < > and = to record the results Decide on the most appropriate standard units to

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and estimate lengths and	estimate and measure lengths
height.	and height
Autumn term review and assess (2	 Compare and order lengths
weeks)	in any direction using < > and =
weeksy	to record the results.
Spring Term	Number, place value (1 week)
Number, place value (1 week)	• Count in steps of 5 from 0
Know that counting can	forwards and backwards.
involves steps of 5 from 0	 Count in steps of 2 from 0
forwards and backwards.	forwards or backwards
Know that counting can involve stops of 2 from 0	Multiplication (2 weeks)
involve steps of 2 from 0 forwards or backwards	Multiplication (2 weeks)
forwards of backwards	 Make equal groups of 2, 5 and 10 and use these to find
Neutrin lighting (2 maples)	
Multiplication (2 weeks)	totals (including representing
Recognise that	through bar models)
combining groups of equal	Calculate mathematical
amounts can be done as	statements for multiplication
repeated addition	statements within the 2, 5 and
Link repeated addition	10 time stables and write them
to multiplication number	using the multiplication (x) and
sentences and calculating	equals (=) sign
the product in the 2, 5 and	Recognise odd and even
10 times table	numbers
Recall the multiplication	
facts for the 2, 5 and 10	
times tables	Division (2 weeks)
Know that numbers can	Practically share a group of
be odd or even.	objects into smaller groups of
Division (2 weeks)	equal size and write the
To know that equal	corresponding division
sharing into groups of the	calculation
same size is called division	

Know that the division	Write division number
symbol is ÷	sentences using the ÷ symbol
Recall the division facts	
for the 2, 5 and 10 times	 Solve problems involving
table	multiplication and division,
Know that multiplication	using materials, arrays,
of 2 numbers can be done in	repeated addition, mental
any order and that division	methods. Include relating
cannot	grouping problems (where
	number of groups is unknown)
Review Week (1 week)	to multiplication equations with
	a missing factor, and to
	division.
	Statistics
Statistics (1 week)	 Interpret data in a tally
Know that data can be	chart
represented in a tally chart	 Present data in the form of
and pictogram.	a tally chart
P.0008.0	Interpret data simple
	pictograms
	 Present data in simple
	pictograms
	 Ask and answer simple
	questions by counting the
	number of objects in each
	-
	category and sorting the
	category by numbers
	Ask and answer simple
Addition and subtraction (2 weeks)	questions about totalling and
	comparing categorical data
Review and assess 2 weeks	
	Addition and subtraction (2 weeks)

	 Add numbers using concrete objects and pictorial representations, including 2, 2 digit numbers and 3, 1 digit numbers Add numbers mentally including 2, 2 digit numbers and 3, 1 digit numbers Subtract numbers using concrete objects and pictorial representations, including 2, 2 digit numbers and 3, 1 digit numbers Subtract numbers mentally including 2, 2 digit numbers and 3, 1 digit numbers
 Summer term Money (2 weeks) Recognise symbols for pounds (£) and pence (p). Identify language in word problems which require addition or subtraction of amounts eg. total cost, altogether, how much more? 	 Money (2 weeks) Use symbols for pounds (£) and pence (p). Count money (coins and notes) and combine amounts to make a particular value, progressing to working with pounds and pence. Identify and find different combinations of coins that equal the same amounts of money. Compare amounts of money. Solve simple problems in a practical context involving addition and subtraction of

Properties of shape (2 weeks)	money of the same unit, including giving change.
Know and use precise	Bining change.
language to identify and	
describe the properties of 2-D	
shapes, including the number	Properties of shape (2 weeks)
of sides and line symmetry in a	
vertical line.	2-D shapes by reasoning about
Know that a line of	similarities and differences in
symmetry is a line between	properties and everyday objects.
two halves.	 Order and arrange
Know that when	combinations of mathematical
something is folded on its line	objects eg. 2D shapes in patterns
of symmetry, the two parts	and sequences (geometry –
match exactly; the shape is	position and direction).
symmetrical.	,,
,	
Fractions (2 weeks)	
 Identify and recognise a 	Fractions (2 weeks)
whole and equal parts.	• Find and write a half, a
 Recognise and name a 	quarter or three quarters of a
half, quarter or three quarters	length, shape, set of objects or
of a length, shape, set of	quantity.
objects or quantity.	Write simple fractions of
Recognise that	amounts e.g $\frac{1}{2}$ of 6 = 3
1212	
and	
2424	
are equivalent.	
Know that a unit fraction	
is where the numerator is 1.	
Know that that a whole	
can be split into a different	

number of equal parts and	
associate this with recognising	
	Position and direction (1 week)
split into 3 parts, 1 part =	Use mathematical
1313	vocabulary to describe position
1315	and direction
	e.g. to the left/right of, in the
Position and direction (1 week)	middle of, in one of the etc.
Know that mathematical	 Use mathematical
vocabulary can be used to	vocabulary to describe movement
describe position and	
direction	e.g. forwards, backwards, left and right.
e.g. to the left/right of, in the middle of,	 Use mathematical
in one of the etc.	vocabulary to describe movement
Know that mathematical	in a straight line and
vocabulary can be used to	 Describe turns in terms of
describe movement e.g.	clockwise and anti-clockwise and
forwards, backwards, left and	turns at right angles for quarter,
right.	half and three-quarter turns.
Know that mathematical	fian and three-quarter turns.
vocabulary can be used to	
-	Time (2 weeks)
straight line and	Tell and write the time to
Recognise that clockwise	
& anticlockwise describes turn	quarter past/to the hour.
(direction of rotation).	 Draw the hands on a clock
	face to show these times.
Time (2 weeks)	 Tell and write the time to 5
Know that telling the	minute intervals.
time can involve the	Compare and sequence
mathematical vocabulary: half	intervals of time.
	Weight, volume and temperature (2
	weeks)

 Know that there are two hands (one showing hour; one showing minutes) on a clock face

• Know the number of minutes in an hour and number of hours in a day.

Weight, volume and temperature (2 weeks)

• Know that mass can be measured accurately by weighing (e.g. using balance/weighing scales).

• Know that a gram is a unit for measuring mass.

- Know that a kilogram is a heavier unit than grams for measuring mass (and is used to measure heavier objects).
- Know the appropriate standard units to estimate and measure mass are (kg/g)

• Know that volume can be measured accurately using measuring vessels/jugs, spoonfuls.

- Know that millilitres is a unit for measuring volume.
- Know that a litre is a larger unit than millilitres for measuring volume.
- Choose and use appropriate standard units to

- Compare mass, using vocabulary of heaviest, lightest, heavier and lighter, greater than, less than and equals signs.
- Choose and use appropriate standard units to estimate and measure mass (kg/g).
- Compare volume, using vocabulary of most, least, how many 'spoonfuls', container A holds half as much as container B, greater than, less than and equals signs etc.

• Choose and use appropriate standard units to estimate and measure volume (I/mI).

- Read thermometers and write temperatures in degrees.
- Compare temperature, using vocabulary of highest, lowest, increase and decrease.

• Choose and use appropriate standard units to estimate and measure volume (I/mI).

	estimate and measure volume	
	are (l/ml).	
	Know that temperature	
	can be measured accurately	
	using a thermometer in	
	degrees.	
	• To know that degrees is	
	represented by the symbol ^o .	3D shapes (1 week)
	• Know that appropriate	 Identify and describe the
	standard units to estimate and	properties of 3-D shapes including
	measure volume are (I/mI).	the number of edges, vertices and
		<mark>faces.</mark>
BD shap	<u>es (1 week)</u>	 Compare shapes by
		reasoning about similarities and
	• Know that a face is a flat	differences of properties; sort
	surface on a 3D shape.	common 3-D shapes and everyday
	• Know that each fact is a	objects based on their properties.
	2D shape.	Make patterns with 3D
	• Know that an edge is	shapes.
	where two faces on a 3D shape	
	meet.	Statistics (1 week)
	• Identify 2-D shapes on	Interpret data in block
	the surface of 3-D shapes, (eg:	diagrams.
	a circle on a cylinder and a	 Present data in block
	triangle on a pyramid).	diagrams.
		Ask and answer simple
Statistics (1 week)		questions by counting the number
		of objects in each category and
	• Know that data can be	sorting the category by numbers
	presented in block diagrams.	Ask and answer simple
	-	questions about totalling and
Rovi	ew and assess (1 week)	comparing categorical data