

	F1	F2	У1	У2
Skills	Number and place value	Number and place value	Number and place value	Number and place value
U.I.I.J	Fast recognition of up to 3	Count objects, actions and	🛛 count to and across 100, forwards	🛛 count in steps of 2, 3, and 5 from
	objects, without having to	sounds. Subitise Count beyond	and backwards, beginning with 0 or 1,	0, and in tens from any number,
	count them individually	ten.	or from any given number	forward and backward
	(subitising) Recite numbers	Comparing numbers	Count, read and write numbers to	I recognise the place value of each
	past 5 Say one number for	Compare numbers Understand	100 in numerals; count in multiples of	digit in a two-digit number (tens,
	each item in order 1,2,3,4,5.	the one more than/one less	twos, fives and tens	ones)
	<u>Comparing numbers</u>	than relationship between	given a number, identify one more	l identify, represent and estimate
	Compare quantities using	consecutive numbers.	and one less	numbers using different
	language "more than" "fewer	Identifying, representing and	I identify and represent numbers	representations, including the
	than"	estimating numbers	using objects and pictorial	number line
	Identifying, representing and	Link the number symbol with	representations including the number	Compare and order numbers from
	estimating numbers	its cardinal number value.	line, and use the language of: equal to,	0 up to 100; use <, > and = signs
	Link numerals and amounts for	Reading and writing numbers	more than, less than (fewer), most,	I read and write numbers to at least
	example, showing the right	Link the number symbol with	least	100 in numerals and in words
	number of objects to match	its cardinal value Begin to	I read and write numbers from 1 to 20	I use place value and number facts
	the numeral, up to 5. Show	represent number with own	in numerals and words.	to solve problems.
	"finger numbers" up to 5.	symbols.	Number Addition and Subtraction	Number addition and subtraction
	Knows that the last number	Understanding place value	I read, write and interpret	I solve problems with addition and
	said when counting a small set	Explore the composition of	mathematical statements involving	subtraction:
	of objects tells you how many	numbers to 10.	addition (+), subtraction (-) and equals	I using concrete objects and
	there are in total (cardinal	Addition and Subtraction	(=) signs	pictorial representations, including
	principle).	Explore the composition of	I represent and use number bonds and	those involving numbers, quantities
	Reading and writing numbers	numbers to 10 Automatically	related subtraction facts within 20	and measures
	Link numerals and amounts eg	recall number bonds for	I add and subtract one-digit and two-	applying their increasing
	right number of objects to	numbers 0-10 Begin to	digit numbers to 20, including zero	knowledge of mental and written
	match numeral 5 Experiment	understand the operations of	I solve one-step problems that involve	methods
	with their own symbols and	addition and subtraction and	addition and subtraction, using	I recall and use addition and
	marks as well as numerals.	use associated vocabulary.	concrete objects and pictorial	subtraction facts to 20 fluently,
	Mental calculation	Begin to understand	representations, and missing number	and derive and use related facts up
	Fast recognition of up to 3	mathematical symbols	problems such as 7 = - 9.	to 100
	objects, without having to	associated with addition and	Number multiplication and division	add and subtract numbers using
	count them (subitising)	subtraction.		concrete objects, pictorial

<u>\</u>	Written methods	Mental calculation	solve one-step problems involving	representations, and mentally,
:	Subitise up to 5 Automatically	Subitise Automatically recall	multiplication and division, by	including:
r	recall number bonds up to	number bonds for numbers 0 -	calculating the answer using concrete	🛛 a two-digit number and ones
Į	5and some number bonds up	10 To understand and recall	objects, pictorial representations and	🛿 a two-digit number and tens
1	to 10 including double facts.	doubling facts up to 10.	arrays with the support of the	🛿 two two-digit numbers
<u> </u>	Multiplication and division	<u>Written methods</u>	teacher.	adding three one-digit numbers
-	To learn about sharing	To become familiar with and	Number Fractions	I show that addition of two numbers
t	between groups of	understand mathematical	I recognise, find and name a half as	can be done in any order
1	people/toys.	symbols linked to addition and	one of two equal parts of an object,	(commutative) and subtraction of
<u> </u>	Mental calculation	subtraction. To begin to	shape or quantity	one number from another cannot
	Automatically recall number	represent mathematical	🛛 recognise, find and name a quarter	I recognise and use the inverse
ł	bonds for numbers 0- 10.	sentences with appropriate	as one of four equal parts of an	relationship between addition and
<u>\</u>	Written calculation	symbols.	object, shape or quantity.	subtraction and use this to check
ł	Experiment with their own	Multiplication and division	Measurement	calculations and solve missing
5	symbols and marks as well as	To be introduced to the	compare, describe and solve	number problems.
1	numerals.	concepts of sharing equally	practical problems for:	Number multiplication and division
<u>1</u>	Number – equations	and doubling. To understand	I lengths and heights [for example,	I recall and use multiplication and
ł	Experiment with their own	concept of odd and even	long/short, longer/shorter, tall/short,	division facts for the 2, 5 and 10
5	symbols and marks as well as	numbers.	double/half]	multiplication tables, including
1	numerals Solve real world	Mental calculation	I mass/weight [for example,	recognising odd and even numbers
r	mathematical problems with	Automatically recallnumber	heavy/light, heavier than, lighter	Calculate mathematical statements
1	numbers up to 5 Talk about	bonds up to 5…and some	than]	for multiplication and division within
c	and identifies the patterns	number bonds to 10 including	Capacity and volume [for example,	the multiplication tables and write
c	around them. Eg stripes on	double facts.	full/empty, more than, less than, half,	them using the multiplication (×),
	clothes, designs on rugs and	Written calculation	half full, quarter]	division (÷) and equals (=) signs
١	wallpaper (use informal	To begin to represent	I time [for example, quicker, slower,	I show that multiplication of two
	language) Extend and create	mathematical statements with	earlier, later]	numbers can be done in any order
,	ABAB patterns Notice and	appropriate symbols.	I measure and begin to record the	(commutative) and division of one
(correct an error in a repeating	<u>Fractions</u>	following:	number by another cannot
1	pattern.	Beginning to use the term	I lengths and heights	I solve problems involving
l	Begin to describe a sequence	"half" and understand it means	🛛 mass/weight	multiplication and division, using
C	of events , real or fictional,	sharing into 2 equal parts.	Capacity and volume	materials, arrays, repeated
ι	using words such as "first"	<u>Number - equations</u>	🛛 time (hours, minutes, seconds)	addition, mental methods, and
v	"then".	Continue, copy and create	I recognise and know the value of	multiplication and division facts,
<u> </u>	Measurement - comparing and	repeating patterns	different denominations of coins and	including problems in contexts.
<u>e</u>	<u>estimating</u>	Automatically recall number	notes	Number fractions
		bonds for numbers 0 -10		

	· · · · · · · · · · · · · · · · · · ·		—	
	Compare quantities using	Explore the composition of	sequence events in chronological	recognise, find, name and write
	language such as "more" and	numbers to 10 Identifying	order using language [for example,	fractions 1/3, ¹ / ₄ , 2/4, 3/4
	"fewer" Make comparisons	missing numbers from number	before and after, next, first, today,	of a length, shape, set of objects or
	between objects relating to	lines up to 10.	yesterday, tomorrow, morning,	quantity
	size, length, weight and	<u>Measurement – comparing and</u>	afternoon and evening]	write simple fractions for
	capacity Investigate measure	<u>estimating</u>	I recognise and use language relating	example, $\frac{1}{2}$ of 6 = 3 and recognise
	using appropriate vocabulary	Compare length, weight and	to dates, including days of the week,	the equivalence of 2/4 and $\frac{1}{2}$.
	Heavy/light/same as/	capacity To use prior	weeks, months and years	<u>Measurement</u>
	heavier/lighter/tall/short/	vocabulary and supplement	I tell the time to the hour and half	Choose and use appropriate
	Long/longer/shorter/empty	with Lightest/heaviest/	past the hour and draw the hands on a	standard units to estimate and
	Full/nearly full/nearly empty.	Tallest/shortest/ Half	clock face to show these times.	measure length/height in any
	<u>Measurement – time</u>	full/quickest/ Slowest To	Geometry position and direction	direction (m/cm); mass (kg/g);
	Understand position through	compare, describe and solve	Describe position, direction and	temperature (°C); capacity
	words alone Begin to describe	practical problems for >length	movement, including whole, half,	(litres/ml) to the nearest
	a sequence of events using	and heights. >weight >capacity	quarter and three-quarter turns.	appropriate unit, using rulers,
	words such as "first", "then".	>time. To order and sequence 3		scales, thermometers and
	<u>Geometry - Identifying</u>	comparisons of measure.		measuring vessels
	shape and their properties	Measurement - measuring and		Compare and order lengths,
	Talk about and explore 2d and	<u>calculating.</u>		mass, volume/capacity and record
	3d shapes using informal and	To begin to use non -standard		the results using >, < and =
	mathematical language "sides",	units to measure static		I recognise and use symbols for
	"corners", "straight", "flat",	objects. To record findings		pounds (£) and pence (p); combine
	"round" Select shapes	during investigations. To		amounts to make a particular
	appropriately: flat surfaces	understand the importance of		value
	for building, a triangular prism	constant baseline.		I find different combinations of
	for a roof etc. Combine shapes	<u> Measurement – time</u>		coins that equal the same amounts
	to make new ones.	To sequence a familiar set of		of money
	<u>Geometry - drawing and</u>	events both fictional and		I solve simple problems in a
	construction	nonfictional To be introduced		practical context involving
	Understand position through	to and understand the o'clock		addition and subtraction of money
	words alone eg "The bag is	time on an analogue clock. To		of the same unit, including giving
	under the table" without	be able to read and draw the		change
	pointing Select shapes	hands on a clock face to show		Compare and sequence intervals
	appropriately: flat shapes for	this times.		of time
	building eg a triangular prism	<u>Geometry - Identifying</u>		I tell and write the time to five
	for a roof Using construction	shape and their properties		minutes, including quarter past/to
	sets to create various models.			
L	<u> </u>			

<u>Geometry - comparing and</u>	Select, rotate and manipulate	the hour and draw the hands on a
<u>classifying shape</u>	shapes in order to develop	clock face to show these times
Talk about and compare 2d and	spatial reasoning skills	I know the number of minutes in
3d shapes (eg circles,	Compose and decompose	an hour and the number of hours
rectangles, triangles and	shapes so that children	in a day.
cuboids) using informal and	recognise a shape can have	<u>Geometry properties of shapes</u>
formal mathematical language	other shapes within it, just as	I identify and describe the
eg sides, corners, flat, round.	numbers can. Recognise and	properties of 2-D shapes,
Make comparisons between	name common 2d and 3d	including the number of sides and
objects relating to size,	shapes and talk about	line symmetry in a vertical line
length.	properties of sides, corners,	I identify and describe the
<u>Geometry - position,</u>	edges, faces, curved and flat.	properties of 3-D shapes,
direction and movement	<u>Geometry - drawing and</u>	including the number of edges,
Understand position through	<u>construction</u>	vertices and faces
words alone eg "The bag is	Compose and decompose	I identify 2-D shapes on the
under the table" with no	shapes so that children	surface of 3-D shapes, [for
pointing Describe a familiar	recognise a shape can have	example, a circle on a cylinder and
route Discuss routes and	others shapes within, just as	a triangle on a pyramid]
locations , using words like in	numbers can. Using various	Compare and sort common 2-D
front of and behind.	construction sets in sustained	and 3-D shapes and everyday
<u>Geometry – pattern</u>	construction projects eg The	objects.
Stages of understanding	Shard, The 3 bears beds and	<u>Statistics</u>
repeated patterns - continue	chairs.	I interpret and construct simple
AB pattern - copy AB pattern	Geometry - comparing and	pictograms, tally charts, block
- make own AB pattern - spot	<u>classifying shape</u>	diagrams and simple tables
errors in an AB pattern - can	Select, rotate and manipulate	ask and answer simple questions
identify the unit of repeat e.g.	shapes in order to develop	by counting the number of
this is a red-blue pattern.	spatial reasoning skills	objects in each category and
<u>Statistics - interpreting,</u>	Compose and decompose	sorting the categories by quantity
constructing and presenting	shapes so that children	I ask and answer questions about
<u>data</u>	recognise a shape can have	totalling and comparing
Experiment with their own	other shapes within it, just as	categorical data.
symbols and marks as well as	numbers can. To sort shapes	
numerals.	into categories according to	
	their properties, eg all 3 sided	
	shapes, shapes with curved	
	edges.	

Geometry - position,
direction and movement
Select, rotate and manipulate
shapes in order to develop
spatial reasoning skills To
describe position, direction
and movement including
forwards, backwards,
sideways, in front, behind,
under, over, beside, next to, in
between. To begin to introduce
left and right.
Geometry - pattern
Stages of understanding
repeated patterns cont
continue, copy, make own ABC
pattern - continue a pattern
that has ended mid-unit of
repeat - can do the above with
a range of patters e.g. ABB,
ABBC, AABB can begin to
symbolise unit structure of a
pattern the letter R for the
red dinosaur can begin to
explain the rule of a pattern
and then create another
pattern with the same rule.
Can begin to make patterns
that are not linear e.g. around
a circle, or a border with fixed
number of spaces.
Statistics - interpreting,
constructing and presenting
data
Compare quantities up to 10 in
different contexts.

		Introduction to simple tally		
		charts.		
		Use of 3d block towers to vote		
	Nhundh au	for storytime book.	Number and stars with a	Number and stress order
Knowledge	Number	Number and place value	Number and place value	Number and place value
	Understanding numbers to 5	Have a deep understanding of	Pupils practise counting (1, 2, 3),	Using materials and a range of
	and recite numbers past 5.	numbers to 10, including the	ordering (for example, first, second,	representations, pupils practise
	Knows that the last number	composition of each number	third), and to indicate a quantity (for	counting, reading, writing and
	reached when counting a small	Subitise to 5. Verbally count	example, 3 apples, 2 centimetres),	comparing numbers to at least 100
	set of objects tells you how	to 20, recognizing the pattern	including solving simple concrete	and solving a variety of related
	many there are in total	of the counting system.	problems, until they are fluent. Pupils	problems to develop fluency. They
	(cardinal principle).	<u>Comparing numbers</u>	begin to recognise place value in	count in multiples of three to
	<u>Position</u>	Compare quantities up to 10 in	numbers beyond 20 by reading,	support their later understanding of
	Describe a familiar route	different contexts,	writing, counting and comparing	a third. As they become more
	<u>Shape</u>	recognizing when one quantity	numbers up to 100, supported by	confident with numbers up to 100,
	Select shapes appropriately:	is greater than, less than or	objects and pictorial representations.	pupils are introduced to larger
	flat surfaces for building, a	the same as the other	They practise counting as reciting	numbers to develop further their
	triangular prism for a roof,	quantity.	numbers and counting as enumerating	recognition of patterns within the
	etc.	Identifying, representing and	objects, and counting in twos, fives	number system and represent them
	<u>Pattern</u>	estimating numbers	and tens from different multiples to	in different ways, including spatial
	Notice and correct an error in	Identify and represent	develop their recognition of patterns	representations. Pupils should
	a repeating pattern.	numbers with objects and	in the number system (for example,	partition numbers in different ways
		pictorial representations	odd and even numbers), including	(for example, 23 = 20 + 3 and 23 =
		including introduction to a	varied and frequent practice through	10 + 13) to support subtraction.
		number line.	increasingly complex questions. They	They become fluent and apply their
		<u>Reading and writing numbers</u>	recognise and create repeating	knowledge of numbers to reason
		Practise reading and writing	patterns with objects and with	with, discuss and solve problems
		numbers from 1 to 10 in	shapes.	that emphasise the value of each
		numerals and words.	Number - addition and subtraction	digit in two-digit numbers. They
		Understanding place value	Pupils memorise and reason with	begin to understand zero as a place
		Have a deep understanding of	number bonds to 10 and 20 in several	holder.
		numbers to 10, including the	forms (for example, 9 + 7 = 16; 16 - 7	Number - addition and subtraction
		composition of each number.	= 9; 7 = 16 - 9). They should realise	Pupils extend their understanding of
		Verbally count beyond 20,	the effect of adding or subtracting	the language of addition and
		recognizing the pattern of the	zero. This establishes addition and	subtraction to include sum and
		counting system.	subtraction as related operations.	difference. Pupils practise addition
		Addition and subtraction	Pupils combine and increase numbers,	and subtraction to 20 to become

Automotionally manall (acusting fammanda and backmanda	in an agingly fly and in deniving forth
Automatically recall (without	counting forwards and backwards.	increasingly fluent in deriving facts
reference to rhymes, counting	They discuss and solve problems in	such as using 3 + 7 = 10; 10 - 7 = 3
or other aids) number bonds	familiar practical contexts, including	and 7 = 10 - 3 to calculate 30 + 70 =
up to 5 (including subtraction	using quantities. Problems should	100; 100 - 70 = 30 and 70 = 100 -
facts) and some numbers	include the terms: put together, add,	30. They check their calculations,
bonds to 10 including double	altogether, total, take away, distance	including by adding to check
facts.	between, difference between, more	subtraction and adding numbers in a
Mental calculation	than and less than, so that pupils	different order to check addition
Subitise up to 5 Automatically	develop the concept of addition and	(for example, 5 + 2 + 1 = 1 + 5 + 2 = 1
recallnumber bonds up to	subtraction and are enabled to use	+ 2 + 5). This establishes
5and some number bonds up	these operations flexibly.	commutativity and associativity of
to 10 including double facts.	Number- multiplication and division	addition. Recording addition and
Written methods	Through grouping and sharing small	subtraction in columns supports
Mathematical symbols and	quantities, pupils begin to understand:	place value and prepares for formal
numbers.	multiplication and division; doubling	written methods with larger
Multiplication and division	numbers and quantities; and finding	numbers.
Explore and represent	simple fractions of objects, numbers	Number – multiplication and
patterns within numbers up to	and quantities. They make connections	<u>division</u>
10, including evens and odds,	between arrays, number patterns, and	Pupils use a variety of language to
double facts and how	counting in twos, fives and tens.	describe multiplication and division.
quantities can be distributed	Number – fractions	Pupils are introduced to the
equally.	Pupils are taught half and quarter as	multiplication tables. They practise
Mental calculations	'fractions of' discrete and continuous	to become fluent in the 2, 5 and 10
Solve one-step problems	quantities by solving problems using	multiplication tables and connect
involving multiplication and	shapes, objects and quantities. For	them to each other. They connect
division, calculating the answer	example, they could recognise and find	the 10 multiplication table to place
using concrete objects,	half a length, quantity, set of objects	value, and the 5 multiplication table
pictorial representations and	or shape. Pupils connect halves and	to the divisions on the clock face.
arrays with the support of the	quarters to the equal sharing and	They begin to use other
teacher (Objective also shown	grouping of sets of objects and to	multiplication tables and recall
in Problem Solving).	measures, as well as recognising and	multiplication facts, including using
Number - equations	combining halves and quarters as parts	related division facts to perform
Have a deep understanding of	of a whole.	written and mental calculations.
numbers to 10, including the	Measurement	Pupils work with a range of
composition of each number	The pairs of terms: mass and weight,	materials and contexts in which
Automatically recall number	volume and capacity, are used	multiplication and division relate to
bonds to 5 and some number	interchangeably at this stage. Pupils	grouping and sharing discrete and
	inter enangeably at this stage, tapils	

bonds to 10 including double facts. Explore and represent patterns within numbers to 10 including evens and odds, double facts and how quantities can be distributed equally. <u>Measurement - comparing</u> different types of quantities and including discrete (for example, counting) and continuous (for example, commutativity and inverse relat manageable common standard units. In order to become familiar with <u>estimating</u> Compare, describe and solve practical problems for: * lengths and heights [e.g. tall/short, double/half] * mass/weight [e.g. heavy/light], heavier than, lighter than] * capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening].	
patterns within numbers to 10, including evens and odds, double facts and how quantities can be distributed equally.measures using non-standard units, including discrete (for example, counting) and continuous (for example, to using manageable common standard units. In order to become familiar with standard measures, pupils begin to use to develop multiplicative reasor (for example, 40 ÷ 2 O is a half of 40). They use commutativity and inverse rela to develop multiplicative reasor (for example, 4× 5 = 20 and 20 = 4).Measurement - comparing and estimating Compare, describe and solve practical problems for: * lengt/short, double/half] * tall/short, double/half] * capacity and volume [e.g. full/empty, more than, lighter than] * capacity and volume [e.g. full/empty, more than, light full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,measures using non-standard units, including discrete (for example, 40 ÷ 2 Counting) and continuous (for example, 40 ÷ 2 O is a half of 40). They use commutative reasor to develop multiplicative reasor (for example, 4× 5 = 20 and 20 = 4).Measures using ond-standard units, measures (for example, 40 ÷ 2 counting) and ontineves relations and sizes, public solutions and sizes, public solutions and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.relate these to fractions and measures/finding fractions of example, 4× 5 = 20 and 20 solutions and sizes, public solutions and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.massures using non-standard units, inclu	
including evens and odds, double facts and how quantities can be distributed equally. <u>Measurement - comparing and estimating</u> Compare, describe and solve practical problems for: * lengths and heights [e.g. tall/short, double/half] * tall/short, double/half] * capacity and volume [e.g. full/empty, more than, lefs than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,	to
double facts and how quantities can be distributed equally.counting) and continuous (for example, liquid) measurement, to using manageable common standard units. In order to become familiar with standard measures, pupils begin to use tandard measures, pupils begin to use tirst using o'clock and then half past. taring and grouping, to numbe shapes, naming these and related everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pramids are not always similar to and other.20 is a half of 40). They use commutativity and inverse rela to develop multiplicative reason (for example, 1double / half of ull, quarter] * time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,coun	
quantities can be distributed equally.liquid) measurement, to using manageable common standard units. In order to become familiar with standard measures, pupils begin to use thand heights [e.g. tall/short, double/half]* mass/weight [e.g. heavy/light, heavier than, lighter than]* capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using hangea [e.g. before and after, next, first, today, yesterday, tomorrow, morning,liquid) measurement, to using maageable common standard units. In order to become familiar with standard measures, pupils begin to use to develop multiplicative reasor (for example, 4 × 5 = 20 and 20 e 4).Measurement - comparing and estimating Compare, describe and solve practical problems for: * lengths and heights [e.g. tall/short, double/half]* mass/weight [e.g. heavy/light, heavier than, lighter than]* capacity and volume [e.g. earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,liquid) measurement, to using maageable common standard units. In order to become familiar with standard measures, pupils begin to use at and at each other.commutativity and inverse rela to develop multiplicative reasor (for example, 4 × 5 = 20 and 20 tisched at a continuous quantities. They connect unit fractions to equal when they can be calculated, an treations and sizes, and know that rectangles, triangles, cuboids and pupils sue the language of position,commutativity and inverse rela to develop multiplicative reasor (for example, 4 × 5 = 20 and 20 to develop multiplicative to develop multiplicative to develop multiplicative	20,
equally.manageable common standard units. In order to become familiar with standard measures, pupils begin to use tanchard measures, pupils begin to use practical problems for: * weighing scales and containers. Pupils lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * mass/weight [e.g. heavy/light, heavier than, lighter than] * capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,manageable common standard units. In order to become familiar with standard measures, pupils begin to use tanadard measures, pupils begin to use tans. Autor discrete and continuous quantities. the avier than, lighter than] * capacity and volume [e.g. time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,manageable common standard units. In order to become familiar with standard measures, pupils begin to use tanad containers. Pupils time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,manageable common standard units. In order to become familiar with standard measures, pupils begin to use the language of position,to develop multiplicative reasou (for example, 1 ad 42 equivalence to to, starting for anap unbe using the 2 1 and 42 equivalence	
Measurement - comparing and estimatingorder to become familiar with standard measures, pupils begin to use tandard measures, pupils begin to use measuring tools such as a ruler, weighing scales and containers. Pupils use the language of time, including tall/short, louger/shorter, tall/short, louble/half]*(for example, 4 × 5 = 20 and 20 = 4).Image: Description of the standard measures, pupils begin to use practical problems for: * long/short, longer/shorter, tall/short, double/half]*order to become familiar with standard measures, pupils begin to use measuring tools such as a ruler, weighing scales and containers. Pupils use the language of time, including discrete and continuous quantities. They is objects and quantities. They objects and quantities. They objects and quantities. They shapes, naming these and related everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and first example of a non-unit fractions or shapes. They meet 4 3 as th first example of a non-unit fractions or shapes. They meet 4 3 as th first example of a non-unit fractions pyramids are not always similar to after, next, first, today, yesterday, tomorrow, morning, Pupils use the language of position,(for example, 4 × 5 = 20 and 20 a 10.12Measurement - comparing and standard measures, pupils begin to use to indications of lengths, quantities, sets of obj(for example, 4 × 5 = 20 and 20 a 10.20Image: The set and continuous quantities tall/short, louger/shorter, tall/short, louble/half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, mor	ons
estimating Compare, describe and solve practical problems for: * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * tall/short, double/half] * first using o'clock and then half past. Geometry - properties of shape full/empty, more than, legs than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,standard measures, pupils begin to use tandard measures, pupils begin to use measuring tools such as a ruler, weighing scales and containers. Pupils use the language of time, including discrete and continuous quanti- telling the time throughout the day, to solve and then half past. Geometry - properties of shape everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and gyramids are not always similar to pyramids are not always similar to pyramids use the language of position,= 4).Number - fractions discrete and continuous quanti- by solving problems using shape objects fluently. They recognise these shapes in different orientations and sizes, and know that in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,standard measures, pupils begin to use measures, pupils use the language of position,= 4).Number - fractions measures, finding fractions as 'fraction discrete and continuous quanti- by solving problems using shape objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and first example of a non-unit fractions using the 21 and 42 equivalent usi	١g
Compare, describe and solve practical problems for: * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * mass/weight [e.g. heavy/light, heavier than, lighter than] * orapacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] * time [e.g. quicker, slower, in chronological order using after, next, first, today, yesterday, tomorrow, morning,measuring tools such as a ruler, weighing scales and containers. Pupils use the language of time, including discrete and continuous quantities. by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to numbe everyday objects fluently. They measures, finding fractions of than, half, half full, quarter] * time [e.g. quicker, slower, orientations and sizes, and know that each other.Number - fractions hueins a ruler, hueins and intertions by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to numbe everyday objects fluently. They measures, finding fractions of trecognise these shapes in different orientations and sizes, and know that each other.Number - fractions discrete and continuous quantities. by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to numbe when they can be calculated, and recognise these shapes in different orientations and sizes, and know that or shapes. They meet 43 as th in chronological order using pyramids are not always similar to pupils use the language of position,Number - fractions discrete and continuous quantities.Compart day. yesterday, tomorrow, morning, yesterday, tomorrow, morning,Geometry - properties of shape pupils use t	- 5
practical problems for: * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * mass/weight [e.g. heavy/light, heavier than, lighter than] * capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,weighing scales and containers. Pupils use the language of time, including discrete and continuous quantities. by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to numbe everyday objects fluently. They recognise these shapes in different to incrtations and sizes, and know that rectangles, triangles, cuboids and first example of a non-unit fractions to 10, starting from any numbe using the 21 and 4 2 equivalence the number line (for example, 1	
lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half]* mass/weight [e.g. heavy/light, heavier than, lighter than]*use the language of time, including telling the time throughout the day, first using o'clock and then half past.discrete and continuous quantities by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to number earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,use the language of time, including time than, heights [e.g. first using o'clock and then half past. Geometry - properties of shape everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that first example of a non-unit fractions or shapes. They meet 4 3 as th first example of a non-unit fractions or shapes similar to each other.discrete and continuous quantities by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to number everyday objects fluently. They measures, finding fractions of terecognise these shapes in different orientations and sizes, and know that first example of a non-unit fractions or shapes. They meet 4 3 as th first example of a non-unit fractions to 10, starting from any number using the 21 and 4 2 equivalence the number line (for example, 1	
long/short, longer/shorter, tall/short, double/half]* mass/weight [e.g. heavy/light, heavier than, lighter than]* capacity and volume [e.g. full/empty, more than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,telling the time throughout the day, first using o'clock and then half past. Geometry - properties of shape pupils handle common 2-D and 3-D shapes, naming these and related everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.by solving problems using shape objects and quantities. They connect unit fractions to equal sharing and grouping, to number when they can be calculated, ar measures, finding fractions of recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.by solving problems using shape objects and quantities. They measures, finding fractions of lengths, quantities, sets of obj or shapes. They meet 4 3 as th first example of a non-unit fra to 10, starting from any numbe using the 21 and 42 equivalend the number line (for example, 1)	of
tall/short, double/half]* mass/weight [e.g. heavy/light, heavier than, lighter than]* capacity and volume [e.g. full/empty, more than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,first using o'clock and then half past. Geometry - properties of shape Pupils handle common 2-D and 3-D sharing and grouping, to numbe shapes, naming these and related everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, cuboids and pyramids are not always similar to each other.objects and quantities. They connect unit fractions to equal sharing and grouping, to numbe when they can be calculated, ar everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, cuboids and pyramids are not always similar to each other.objects and quantities. They connect unit fractions to equal sharing and grouping, to numbe when they can be calculated, ar measures, finding fractions of recognise these shapes in different orientations and sizes, and know that rectangles, cuboids and pyramids are not always similar to each other.objects and quantities. They connect unit fractions to recognise these shapes in different or shapes. They meet 4.3 as th first example of a non-unit fra pupils use the language of position,	25
mass/weight [e.g. heavy/light, heavier than, lighter than]* capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,Geometry - properties of shape properties of shape pupils handle common 2-D and 3-D shapes, naming these and related everyday objects fluently. They measures, finding fractions of recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.Geometry - properties of shape shape when they can be calculated, and when they can be calculated, and recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.Connect unit fractions to equal sharing and grouping, to number und grouping, to number lengths, quantities, sets of obj orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.Connect unit fractions the number of a non-unit fra pupils should count in fractions to 10, starting from any number using the 21 and 42 equivalend the number line (for example, 10)	,
heavier than, lighter than]* capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, Pupils handle common 2-D and 3-D sharing and grouping, to number shapes, naming these and related when they can be calculated, an measures, finding fractions of recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other. by the number line (for example, 1) the number line (for example, 1)	
capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,shapes, naming these and related everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.when they can be calculated, and measures, finding fractions of lengths, quantities, sets of obj or shapes. They meet 4 3 as th first example of a non-unit fractions pyramids are not always similar to each other.Geometry - position and direction using the 21 and 42 equivalence the number line (for example, 1	
capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,shapes, naming these and related everyday objects fluently. They recognise these shapes in different or ientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.when they can be calculated, and measures, finding fractions of lengths, quantities, sets of obj or shapes. They meet 4 3 as the first example of a non-unit fractions a non-unit fractions each other.full/empty, more than, less than, half, half full, quarter]* or ientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.when they can be calculated, and measures, finding fractions of lengths, quantities, sets of obj or shapes. They meet 4 3 as the first example of a non-unit fractions to 10, starting from any number using the 21 and 42 equivalence the number line (for example, 10)	;
full/empty, more than, less than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,everyday objects fluently. They recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.measures, finding fractions of lengths, quantities, sets of obj or shapes. They meet 4 3 as th first example of a non-unit fra to 10, starting from any numbe using the 21 and 42 equivalend the number line (for example, 1	
than, half, half full, quarter]* time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,recognise these shapes in different orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.lengths, quantities, sets of obj or shapes. They meet 4 3 as th first example of a non-unit fra Pupils should count in fractions to 10, starting from any numbe using the 21 and 42 equivalence the number line (for example, 1	
time [e.g. quicker, slower, earlier, later] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,orientations and sizes, and know that rectangles, triangles, cuboids and pyramids are not always similar to each other.or shapes. They meet 4 3 as th first example of a non-unit fra Pupils should count in fractions to 10, starting from any number using the 2 1 and 4 2 equivalence	:ts
in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,	
in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,	ion.
language [e.g. before and after, next, first, today, yesterday, tomorrow, morning,each other.to 10, starting from any number using the 21 and 42 equivalence the number line (for example, 1	p
after, next, first, today, yesterday, tomorrow, morning,Geometry - position and direction Pupils use the language of position,using the 21 and 42 equivalence the number line (for example, 1)	and
yesterday, tomorrow, morning, Pupils use the language of position, the number line (for example, 1	
	ł1,
a remove and evening. I arection and motion, including left 142 (or 121), 143, 2). This	
Measurement - measuring and and right, top, middle and bottom, on reinforces the concept of frac	ons
calculating top of, in front of, above, between, as numbers and that they can a	
Measure and begin to record around, near, close and far, up and up to more than one.	
the following: * lengths and down, forwards and backwards, inside Measurement	
heights * mass/weight * and outside. Pupils make whole, half, Pupils use standard units of	
capacity and volume * time quarter and three-quarter turns in measurement with increasing	
(hours, minutes, seconds) both directions and connect turning accuracy, using their knowledge	of
Recognise and know the value clockwise with movement on a clock the number system. They use t	
of different denominations of face. appropriate language and recor	
coins and notes. using standard abbreviations.	
Measurement - time Comparing measures includes si	ple

Tell the time to the hour and	multiples such as 'half as high';
half past the hour and draw	'twice as wide'. They become fluent
the hands on a clock face to	in telling the time on analogue clocks
show these times.	and recording it. Pupils become
Recognise and use language	fluent in counting and recognising
relating to dates, including	coins. They read and say amounts of
days of the week, weeks,	money confidently and use the
months and years.	symbols \pounds and p accurately,
Geometry - position,	recording pounds and pence
direction and movement	separately.
Describe position, direction	Geometry – properties of shape
and movement, including half,	Pupils handle and name a wide
guarter and three-guarter	variety of common 2-D and 3-D
turn.	shapes including: guadrilaterals and
Geometry – pattern	polygons, and cuboids, prisms and
They recognise, create and	cones, and identify the properties
describe patterns.	of each shape (for example, number
	of sides, number of faces). Pupils
	identify, compare and sort shapes
	on the basis of their properties and
	use vocabulary precisely, such as
	sides, edges, vertices and faces.
	Pupils read and write names for
	shapes that are appropriate for
	their word reading and spelling.
	Pupils draw lines and shapes using a
	straight edge.
	Geometry - position and direction
	Pupils should work with patterns of
	shapes, including those in different
	orientations. Pupils use the concept
	and language of angles to describe
	'turn' by applying rotations, including
	in practical contexts (for example,
	pupils themselves moving in turns,
	giving instructions to other pupils to

			do so, and programming robots using instructions given in right angles). <u>Statistics</u> Pupils record, interpret, collate, organise and compare information (for example, using many-to-one correspondence in pictograms with simple ratios 2, 5, 10).
Vocabulary	Number and place value	Number and place value	Number and place value
vocubului y	Number One, two, three to twenty and beyond. None Count	Greater, lesser Pair Units, ones, tens	Number and place value Number
	on/up/to/from/down Before, after More, less, many, few,	Ten more/less Figure (s) In order/ A	number numeral zero one, two,
	fewer, fewest, smaller, smallest Equal to, the same as Odd, even	different order Above, below.	three twenty teens numbers,
	Digit Numeral Compare Order Size Value Between, halfway	none how many? count, count (up) to,	eleven, twelve twenty twenty-one,
	between.	count on (from, to), count back (from,	twenty-two one hundred, two
	Addition and subtraction	to) forwards backwards count in ones,	hundred one thousand none how
	Number line Add, more, plus, make, sum, total, altogether	twos, fives, tens equal to equivalent to	many? count, count (up) to, count
	Double Half, halve Equals, is the same (including equals sign)	is the same as more, less most, least	on (from, to), count back (from, to)
	How many more to make? How many more is,,, then,,,? How	many odd, even multiple of few	forwards backwards count in ones,
	much more is? Subtract, take away, minus.	pattern pair	twos, fives, tens, threes, fours and
	Multiplication and division	digit the same number as, as many as	so on equal to equivalent to is the
	Odd, even Double, halve Share, share equally Group in pairs	more, larger, bigger, greater fewer,	same as more, less most, least tally
	Equal groups of Divide	smaller, less fewest, smallest, least	many odd, even multiple of sequence
	Measure	most, biggest, largest, greatest one	continue predict few pattern pair,
	Full, half, empty Holds Container Weigh, weighs, balance Heavy,	more, one less, equal to one more, ten	rule > greater than < less than
	heavier, heaviest, light, lighter, lightest Scales Time Days of	more one less, ten less compare order	Place value ones tens, hundreds digit
	the week: Monday, Tuesday etc. Seasons: Spring, Summer,	size first, second, third twentieth	one-, two- or three-digit number
	Autumn, Winter Days, week, month, year, weekend Birthday,	last, last but one before, after next	place, place value stands for,
	holiday Morning, afternoon, evening, night Bedtime, dinnertime,	between half-way between above,	represents exchange the same
	playtime Today, yesterday, tomorrow Before, after, next, last	below	number as, as many as more, larger,
	Quickest, fastest, slowest Clock Once First, second, third	guess how many? estimate nearly	bigger, greater fewer, smaller, less
	Estimate Too many, too few Length, height Longer, longest,	roughly close to about the same as	fewest, smallest, least most,
	shorter, shortest, taller, tallest, higher, highest Money, coin,	just over, just under too many, too	biggest, largest, greatest one more, ten more one less, ten less equal to
	penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change How much? How many? Total	few enough, not enough Addition and subtraction	compare order size first, second,
	Geometry - position and direction	addition add, more, and make, sum,	third twentieth twenty-first,
	Over, under, underneath, above, below, top, bottom, side On, in,	total altogether double near double	twenty-second last, last but one
	outside, inside In front, behind Front, back Before, after Beside,	half, halve one more, two more ten	before, after next between halfway

next to Middle Up, down, forwards, backwards. Sideways Close, far Through Towards, away from Side, roll, turn. <u>Geometry – properties of shape</u> Sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Solid Corner Face, side Make, build, draw. <u>Fractions</u> Whole Equal One half <u>General problem solving</u> Listen, join in Say, think, imagine, remember Start from Look at, point to Put What comes next? Find, use, make, build Tell me, describe, pick out, talk about, explain, show me Read, write Tick, draw a line, ring Cost Count, work out Number line, number track, number square, number cards Counters, cubes, blocks, die, dice, dominoes, pegs, peg board Same way, different way In order, in a different order.	more how many more to make? how many more subtract take away how many are left/left over? how many have gone? one less, two less, ten less how many fewer is than? how much less is? difference between equals is the same as number bonds/pairs missing numberis than ? how much more is? <u>Multiplication and division</u> multiplication multiply multiplied by multiple division dividing grouping sharing doubling halving array number patterns <u>Measure</u> measurement size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as roughly just over, just under Length centimetre, metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher and so on longest, shortest, tallest, highest and so on far, near, close ruler metre stick Weight kilogram, half kilogram weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales Capacity and volume litre, half litre capacity volume full empty more than less than half full quarter full holds container

Time time days of the week, Monday, Tuesday ... months of the year

between above, below Estimating guess how many ...? estimate nearly roughly close to about the same as just over, just under exact, exactly too many, too few enough, not enough

Addition and subtraction

addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more ... one hundred more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less how many fewer is ... than ...? how much less is ...? difference between equals is the same as number bonds/pairs/facts tens boundary, addends, sum. Multiplication and division multiplication multiply multiplied by multiple groups of times once, twice, three times ... ten times repeated addition division dividing, divide,

divided by, divided into grouping sharing, share, share equally left, left over one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of doubling halving array row, column number patterns multiplication table multiplication fact, division fact. Fractions

fraction equivalent fraction mixed number numerator, denominator

(January, February ...) seasons: spring, summer, autumn, winter day, week, weekend, month, year birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after earlier, later next, first, last midnight date now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes usually once, twice hour, o'clock, half past, guarter past, guarter to clock, clock face, watch, hands hour hand, minute hand hours, minutes Money money coin penny, pence, pound price, cost buy, sell spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total Geometry - position and direction position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind

front, back beside, next to opposite apart between middle, edge centre

corner direction journey left, right up,

down forwards, backwards, sideways

across next to, close, near, far along

through to, from, towards, away from

movement slide roll turn stretch, bend

whole turn, half turn, guarter turn,

three-guarter turn

equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts

<u>Measurement</u>

measure measurement size compare measuring scale guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as roughly just over, just under Length centimetre, metre length,

height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, further, furthest, near, close ruler metre stick, tape measure Weight kilogram, half kilogram, gram weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales Capacity and volume litre, half litre, millilitre capacity volume full empty more than less than half full quarter full holds, contains container

Temperature - temperature, degree Time time days of the week, Monday, Tuesday ... months of the year (January, February ...) seasons: spring, summer, autumn, winter day, week, weekend, fortnight, month,

<u>Geometry – properties of shape</u>

shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern pattern, repeating pattern match 2-D shape corner, side point, pointed rectangle (including square) circle triangle 3-D shape face, edge, vertex, vertices cube, cuboid pyramid sphere cone cylinder.

Fractions

fraction equal part equal grouping equal sharing parts of a whole half one of two equal parts quarter one of four equal parts

<u>Statistics</u>

count, sort, vote group, set list, table <u>General problem solving</u>

pattern puzzle problem, problem solving mental, mentally what could we try next? how did you work it out? explain your thinking recognise describe draw compare sort, stem sentence. year birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after earlier, later next, first, last midnight date now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes usually once, twice hour, o'clock, half past, guarter past, guarter to 5, 10, 15 ... minutes past clock, clock face, watch, hands digital/analogue clock/watch, timer hour hand, minute hand hours. minutes, seconds Money money coin penny, pence, pound price, cost buy, bought, sell, sold spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? Total Geometry - properties of shape shape, pattern flat curved, straight round hollow, solid sort make, build, draw surface size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern line symmetry pattern, repeating pattern match 2-D shape corner, side point, pointed rectangle (including square), rectangular circle, circular triangle, triangular pentagon hexagon

The Very Hungry Caterpillar,	Power Maths books	calculation. Power Maths books
		sort mental calculation written
		recognise describe draw compare
		describe the rule investigate
		thinking, stem sentence, explain your method describe the pattern
		out? show how you explain your
		we try next? how did you work it
		solving mental, mentally what could
		pattern puzzle problem, problem
		<u>General problem solving</u>
		least common
		popular, most common least popular,
		set list, table label, title most
		graph, pictogram represent group,
		count, tally, sort, vote graph, block
		<u>Statistics</u>
		turn right angle straight line
		turn, quarter turn, three-quarter
		turn stretch, bend whole turn, half
		anticlockwise movement slide roll
		from, towards, away from clockwise,
		close, near, far along through to,
		backwards, sideways across next to,
		up, down higher, lower forwards,
		direction journey, route left, right
		between middle, edge centre corner
		beside, next to opposite apart
		around in front, behind front, back
		bottom, side on, in outside, inside
		Position and direction position over, under, underneath above, below top,
		pyramid sphere cone cylinder
		vertex, vertices cube, cuboid
		octagon 3-D shape face, edge,
		octagon 3-D shape face edge

	Animal counting Ten little dinosaurs One Duck Stuck 1,2,3, to the zoo,	
Deserves	How big is a million and many more like this. NCETM	NCETM
Resources	White Rose Maths	White Rose Maths
	Oak Academy	Oak Academy - <u>https://teachers.thenational.academy/subjects/maths/key-</u>
	https://teachers.thenational.academy/subjects/maths/key-	<u>stages/key-stage-1</u>
	stages/early-years-foundation-stage	