

UNIT	Maths topic	Learning objectives/expected outcomes
1	Counting and number (1)	<ul style="list-style-type: none"> • Recite the order of the number words to at least 5 • Count reliably at least 5 objects, recognising that when rearranged the number of objects stays the same • Understand that the last number in the count represents the set as a whole • Sort and match objects in a set <p><i>I can count aloud to 5 in order</i></p> <p><i>I can count objects in a set by moving them one at a time</i></p> <p><i>I can count how many cubes there are in a set</i></p>
2	Counting and number (2)	<ul style="list-style-type: none"> • Recite the order of the number words to at least 10 • Count at least 10 objects with 1:1 correspondence, with accurate partitioning • Count sounds and objects without touching them • Estimate the number of objects to 5 in a set and count to check • Recognise and begin to write numerals to 5 • Count and match objects to numerals to 5 <p><i>I can count aloud to 10 in order</i></p> <p><i>I can count objects and sounds</i></p> <p><i>I can read the numbers to 5</i></p> <p><i>I can count and match objects to a number card</i></p>
3	Shape, pattern and position (1)	<ul style="list-style-type: none"> • Describe and sort natural shapes • Arrange and describe simple linear patterns involving objects and shapes • Build and describe models made with boxes and objects

		<ul style="list-style-type: none"> Sort objects in different ways and describe why they were sorted in that way <p><i>I can sort objects and describe what they look like</i> <i>I can use objects to make a pattern</i> <i>I can use boxes to make models</i> <i>I can sort a set of objects into two groups and say why</i></p>
4	Measures and time (1)	<ul style="list-style-type: none"> Use everyday language to talk about size, weight, capacity Compare two items by length or height and say which is longer and which is shorter Compare two items by weight and say which is heavier and which is lighter Compare the capacity of two containers and say which holds more Use language related to time such as before, after, long time, short time Recognise things that happen in the morning, afternoon and night Recognise and name days of the week, using them in context <p><i>I can compare the length of two objects and say which is longer</i> <i>I can compare the weights of two objects and say which is heavier</i> <i>I can compare the capacity of two containers and say which holds more</i> <i>I can talk about things that happen in the morning, afternoon and night</i> <i>I know the days of the week</i></p>
5	Counting and number (3)	<ul style="list-style-type: none"> Count forwards and backwards to 5 Count reliably at least 10 objects, recognising that when rearranged the number of objects stays the same Recognise numerals to 10 in the environment Recognise zero as the empty set Write numerals to 5 Match numerals to 5 to a given number of objects

		<p><i>I can count to 5 and then back again to zero</i></p> <p><i>I know that the number of objects does not change even if I move the objects around</i></p> <p><i>I know that 0 means zero or nothing</i></p> <p><i>I can write the numbers to 5</i></p> <p><i>I can match a number card to 5 to a set of objects</i></p>
6	<p>Addition and subtraction (1)</p>	<ul style="list-style-type: none"> • Add one more to a set of objects to 5 and say how many • Take one away from a set of objects to 5 and say how many • Combine and count all the objects in two sets to make a total up to 5 • Partition numbers to 5 in different ways <p><i>I can add one more to a set and say how many</i></p> <p><i>I can take one away from a set and say what is left</i></p> <p><i>I can put two groups of objects together and count the total</i></p> <p><i>I can break up 5 cubes in different ways and show 4 and 1 then 3 and 2</i></p>
7	<p>Shape, pattern and position (2)</p>	<ul style="list-style-type: none"> • Make patterns with objects and shapes • Draw pictures and patterns using 2D shapes • Build and describe models made with construction kits • Compare shapes in the environment and recognise similarities and differences • Describe where objects are using positional words, eg 'under', 'next to', 'over' <p><i>I can make and draw patterns with shapes</i></p> <p><i>I can make models and describe the shapes</i></p> <p><i>I can say what is the same and what is different about shapes around me</i></p> <p><i>I can describe where an object is</i></p>

8	<p>Counting and number (4)</p>	<ul style="list-style-type: none"> • Count forwards and backwards along a number track to 10 • Estimate the number of objects to 10 in a set and count to check • Use before, after, next, middle to describe the position of numbers on a number track • Represent numbers to 10 using fingers or marks on paper • Write numerals to 10 • Count and match objects to numerals to 10 <p><i>I can count to 10 and then back again to zero</i></p> <p><i>I can describe where a number is on a number track</i></p> <p><i>I can show numbers to 10 with my fingers</i></p> <p><i>I can write the numbers to 10</i></p> <p><i>I can count and match objects to a number card to 10</i></p>
9	<p>Money (1)</p>	<ul style="list-style-type: none"> • Sort coins and make sets • Recognise and name 1p, 2p, 5p and 10p coins • Match 1p, 2p, 5p and 10p coins • Know the value of 1p, 2p, 5p and 10p coins <p><i>I can sort a pile of coins out and put them into groups</i></p> <p><i>I recognise the 1p, 2p, 5p and 10p coins</i></p> <p><i>I know that a 2p coin is worth less than a 5p coin, even though a 5p coin is smaller</i></p>
10	<p>Addition and subtraction (2)</p>	<ul style="list-style-type: none"> • Add one more to a set of objects to 10 and say how many • Take one away from a set of objects to 10 and say how many • Combine and count all the objects in two sets to make a total up to 10 • Add objects to a set of up to 10 objects and work out the total

		<ul style="list-style-type: none"> • Subtract objects from a set of up to 10 objects and work out the number left <p><i>I can put two groups of objects together and count the total</i></p> <p><i>I can add more cubes to a set and count the total</i></p> <p><i>I can take away cubes from a set and say what is left</i></p>
11	Shape, pattern and position (3)	<ul style="list-style-type: none"> • Make pictures and patterns with lines • Recognise and name squares, triangles and circles in the environment • Describe flat shapes and compare properties, such as the number of sides • Recognise and name some solid shapes, including cube and cylinder • Sort solid shapes and compare properties, such as whether they roll or stack <p><i>I can make and draw patterns with lines</i></p> <p><i>I can point to squares, triangles and circles that are around me</i></p> <p><i>I can talk about the number of sides of flat shapes</i></p> <p><i>I know the names of some solid shapes</i></p> <p><i>I can sort solid shapes and say whether they roll or stack</i></p>
12	Measures and time (2)	<ul style="list-style-type: none"> • Compare and order the length or height of three or more items • Compare and order the weight of three or more items • Compare and order the capacity of three or more containers • Sequence everyday activities and events • Use simple timing methods to measure short periods of time • Know some of the important months of the year, including birthdays and festivals <p><i>I can put objects into order of length from the longest to the shortest</i></p> <p><i>I can put objects into order of weight from the lightest to the heaviest</i></p>

		<p><i>I can put three jugs in order of capacity</i></p> <p><i>I can put things in order of time</i></p> <p><i>I can count my claps to time how long something takes</i></p> <p><i>I know some of the months and the date of my birthday</i></p>
13	Addition and subtraction (3)	<ul style="list-style-type: none"> • Partition numbers to 10 in different ways • Combine and count all the objects in two sets to make a total up to 10, counting on from one of the sets • Count on from a number on a number line to 10 to add numbers together • Count back from a number on a number line to 10 to take away a number <p><i>I can break up 10 cubes in different ways and show the totals</i></p> <p><i>I can put two groups of objects together and count on from one of the groups to find the total</i></p> <p><i>I can use a number line to add by counting on</i></p> <p><i>I can use a number line to take away by counting back</i></p>
14	Money (2)	<ul style="list-style-type: none"> • Recognise, name and match 20p, 50p and £1 coins • Exchange 1p, 2p and 5p coins for 10p • Use 1p and 2p coins to make totals to 10p • Take away 1p coins from small amounts to give change <p><i>I can recognise and name all the coins we use</i></p> <p><i>I know that two 5p coins and five 2p coins make 10p</i></p> <p><i>I can make different totals with 1p and 2p coins</i></p> <p><i>I can take away coins and say how much money is left</i></p>
15	Counting and number (5)	<ul style="list-style-type: none"> • Count and know the position of numbers on a number track to 20 • Use first, second and last to describe position in order

		<ul style="list-style-type: none"> Count a given number of objects from a larger set up to 20 Put objects into equal groups of 2, 5 or 10 and count the groups and totals Put sets of objects of the same number together and relate to doubling Share objects equally between two and relate to halving <p><i>I can describe where a number to 20 is on a number track</i></p> <p><i>I can put three toys in a line and say which is first, which is second and which is last</i></p> <p><i>I can count up to 20 objects and say the total</i></p> <p><i>I can put objects into equal groups and count the groups and totals</i></p> <p><i>I can double and halve small sets of objects</i></p>
16	Shape, pattern and position (4)	<ul style="list-style-type: none"> Sort and re-sort shapes and describe properties Name shapes, describing some generalised properties of each shape Make repeating patterns with shapes Identify shapes in different positions and orientations Recognise the face shapes of solid shapes Recognise simple shapes and objects that show reflection and symmetry <p><i>I can sort flat shapes in different ways and describe why</i></p> <p><i>I can describe solid shapes and what makes them the same or different from others</i></p> <p><i>I know the names of some solid and flat shapes</i></p> <p><i>I can make repeating patterns with shapes</i></p> <p><i>I can show a symmetrical shape and make a symmetrical shape or pattern</i></p>
17	Addition and subtraction (4)	<ul style="list-style-type: none"> Combine and count all the objects in two sets to make a total up to 10, counting on from the largest set Use a number line to add and subtract numbers Find the difference between two lines of cubes by comparing and counting

		<ul style="list-style-type: none">• Solve problems involving a 'hidden' number of objects and totals• Know some pairs of numbers that total five <p><i>I can put two groups of objects together and count on from the largest group to find the total</i></p> <p><i>I can use a number line to show how I add and take away numbers</i></p> <p><i>I can compare two cube towers and say how many more or less there are</i></p> <p><i>I can quickly say which numbers add together to make 5</i></p>
18	Measures and time (3)	<ul style="list-style-type: none">• Use uniform non-standard units such as cubes to measure lengths• Use uniform non-standard units on a balance to measure weights• Use the language of approximation to compare capacities and check by pouring• Recognise a minute as a unit of time• Recognise some hour times on analogue and digital clocks <p><i>I can measure the length of a table using cubes</i></p> <p><i>I can use a balance to work out how heavy a book is</i></p> <p><i>I can work out how many cupfuls are needed to fill a bottle</i></p> <p><i>I can count how many times I can do something in a minute</i></p> <p><i>I know some times on a clock</i></p>