



Ready,
Respectful,
Safe

Year 1 Maths Overview

Cathcart Street Primary School 2023-2024

Maths – 1 st half term	Autumn 1	Spring 1	Summer 1
	Year 1 NC Objectives	Year 1 NC Objectives	Year 1 NC Objectives
	<u>NUMBER: Place Value (within 10)</u> - Count to 10, forwards and backwards, beginning with 0 or 1, or from any given number - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least - Given a number, identify one more and one less - Compare numbers using $<$, $>$ and $=$ signs - Read and write numbers from 1 to 20 in numerals and words <u>NUMBER: Addition & Subtraction</u> - Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs - Represent and use number bonds and related subtraction facts within 10 - Add and subtract 1-digit and 2-digit numbers to 10, including zero	<u>NUMBER: Place Value (within 20)</u> - Count to 20, forwards and backwards, beginning with 0 or 1, or from any given number - Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. - Read and write numbers from 1 to 20 in numerals and words - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least - Given a number, identify 1 more and 1 less <u>NUMBER: Addition & Subtraction (within 20)</u> - Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs - Add and subtract one-digit and two-digit numbers to 20, including 0 - Represent and use number bonds and related subtraction facts within 20 - Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$.	<u>NUMBER: Multiplication and Division</u> - Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s - Solve one-step problems involving multiplication and division by calculating the answer using concrete objects, pictorial representations and arrays. <u>NUMBER: Fractions</u> - Recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity - Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity. <u>GEOMETRY: Position and Direction</u> - Describe position, direction and movement, including whole, half, quarter and three-quarter turns - Use the language of position, direction and motion, including: left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside (non-statutory guidance) - Practise counting (1, 2, 3...), ordering (for example, 1st, 2nd, 3rd ...) (non-statutory guidance)

	Autumn 2	Spring 2	Summer 2
Maths – 2nd half term	<u>NUMBER: Addition & Subtraction</u> - Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs - Represent and use number bonds and related subtraction facts within 10 - Add and subtract 1-digit and 2-digit numbers to 10, including zero. <u>GEOMETRY: Shape</u> - Recognise and name common 2-D and 3-D shapes, including: i. 2-D shapes: rectangles (including squares), circles and triangles ii. 3-D shapes: cuboids (including cubes), pyramids and spheres	<u>NUMBER: Place Value (within 50)</u> - Count to 50, forwards and backwards, beginning with 0 or 1, or from any given number - Count, read and write numbers to 20 in numerals; count in multiples of 2, 5 and 10 - Given a number, identify 1 more and 1 less - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least <u>Measurement: Length and Height</u> - Compare, describe and solve practical problems for: lengths and height; mass/weight; capacity and volume; time - Measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time <u>Measurement: Mass and Volume</u> - Compare, describe and solve practical problems for: lengths and height; mass/weight; capacity and volume; time - Measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time	<u>NUMBER: Place Value (within 100)</u> - Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number - Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s - Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least <u>MEASUREMENT: Money</u> - Recognise and know the value of different denominations of coins and notes - Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s <u>MEASUREMENT: Time</u> - Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) - Recognise and use language relating to dates, including days of the week, weeks, months and years - Compare, describe and solve practical problems for time - Measure and begin to record time (hours, minutes, seconds) - Tell the time to the hour and half past the hour and draw the hands on a clockface to show these times

Vocabulary			
	Key vocabulary <u>Number and Place Value</u> Ten more/less, digit, numeral, figure(s), compare, (in) order/a different order, size, value, between, halfway between, above, below, tens, ones, equal to, pairs, before, after, many, few, fewest, greater, none <u>Addition and subtraction Number bonds</u>, number line, add, more, plus, make, sum, total, altogether, inverse, double, near double, equals, is the same as (including equals sign), difference between, subtract, take away, minus How many more to make ...?, How many more is ... than ... ?, How much more is ... ?, How many fewer is ... than ... ?, How much less is ... ? <u>Multiplication and division</u> Once, twice, three, five times, multiple of times Multiply, multiply by, repeated addition, array, row, column, double, halve, share, share equally, group in pairs, threes, etc., equal groups of, divide, divided by, left over Odd, even, count in twos forward from, backward from <u>Measure Time</u>, days of the week, seasons, day, week, month, year, weekend, birthday, holiday, morning, afternoon, evening, night, midnight, bedtime, dinnertime, playtime, today, yesterday, tomorrow Before, after, next, last, now, soon, early, late, quick, quicker, quickest, quickly , fast, faster, fastest, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest Takes longer, takes less time, hour, o'clock, half past, clock, watch, hands, how long ago?, How long will it be to ... ?, How long will it take to ... ?, How often?, always, never, often, sometimes, usually, once, twice, first, second, third, etc., estimate, close to, about the same as, just over, just under, too many, too few, not enough, enough <u>Length, Weight, Volume</u>, width, height, depth, long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest, Low, wide, narrow, deep, shallow, thick, thin, far, near, close, metre, ruler, metre stick How much?, How many? Mass, weight, volume, empty, full. <u>Money</u>, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as, total Half full, half empty, holds, container <u>Geometry (position and direction)</u> Before, after, beside, next to, opposite, apart, between, middle, edge, centre, corner, direction, journey, left, right, up, down, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from, movement, slide, roll, turn, whole turn, half turn, stretch, bend , top, bottom, side, over, under, above, below. <u>Geometry (properties of shape)</u> Corner (point, pointed), face, side, edge, make, build, draw , group, sort, shape Flat, curved, round, straight, hollow, solid Circle, triangle, square, Cube, cuboid, pyramid, sphere, cone, cylinder Maths vocabulary for year 1 <u>Fractions</u> Whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters		

