OLSA Maths Year 1 Full Year Plan - Abacus

Year 1, Autumn Term 1

Counting and representing numbers

Week 1 focuses on counting, ordering, comparing numbers to 20 and beyond.

Count up to 20 objects (match number to object); estimate and count up to 30 objects; count on and back and order numbers to 10; recognise domino/dice arrays without counting; identify a number 1 more (next number in count)

Addition and subtraction

Weeks 2 and 3 focus on number stories, for addition / subtraction facts, doubles and counting on / back 1.

Find pairs that make 5; subitise to 5; find pairs that make 6; subitise to 6; find pairs that make 10; subitise fingers to 10; match pairs to 5, 6 and 10 to number sentences; find missing numbers in number sentences

Addition and subtraction Weeks 2 and 3 focus on number stories, for addition / subtraction facts, doubles and counting on / back 1.

Double numbers 1 to 5; find 1 and 2 more; count back 1 and begin to find 1 less

2D shapes

Week 4 focuses on 2D shapes: identifying, naming and sorting according to different properties.

Recognise, name and describe squares, rectangles, circles and triangles; recognise basic line symmetry; sort 2D shapes according to their properties, using Venn diagrams and Carroll diagrams

Place value and representing numbers

Weeks 5 and 6 focus on reading, writing, comparing, ordering numbers to 20 and beyond; adding / subtracting 1 or 10.

Read and write numbers and number-names to 20; compare and order numbers to 20; identify 1 more and 1 less; estimate sets of objects, count to check and order sets according to size; understand 0 as the empty set

Year 1, Autumn Term 2

Place value and representing numbers

Weeks 5 and 6 focus on reading, writing, comparing, ordering numbers to 20 and beyond; adding / subtracting 1 or 10.

Understand and then make teen numbers (10 and some 1s); compare and order numbers to 20, then 30; find the number between two numbers with a difference of 2; understand and use ordinal numbers

Addition and subtraction

Week 7 focuses on using number facts; representing addition and subtraction with concrete objects.

Revise bonds to 5, 6 and 10; find pairs which make 7; use addition facts for 5, 6 and 10 to solve subtractions; use number facts for 5, 6 and 10 to solve word problems

Position and direction; length

Week 8 focuses on establishing position and direction, then comparing and measuring lengths with uniform units.

Describe position and direction using common words (including half turns); compare lengths and heights; estimate, compare and measure lengths using uniform non-standard and standard units

Addition and subtraction; money

Weeks 9 and 10 focus on counting on or back 1 / 2 / 3 and recognising coins, then finding totals.

Add 1, 2 and 3 by counting on; subtract 1, 2, 3 or more by counting back; begin to add three small numbers by spotting bonds to 10 or doubles (1-6)

Addition and subtraction; money

Weeks 9 and 10 focus on counting on or back 1 / 2 / 3 and recognising coins, then finding totals.

Compare and order numbers to 20; recognise coins and know values (up to £2); begin to make amounts in pence; understand teen numbers are 10 and some 1s

Year 1, Spring Term 1

Place value

Week 11 focuses on using a variety of images to embed an understanding of 2-digit numbers and place value, including finding 1 more / less.

Say the number one more or less and two more or less using a number line or a 100 grid; locate 2-digit numbers on a 100 grid and a 1-100 bead string; read, write and say 2-digit numbers and understand them as some tens and some ones

Number facts

Week 12 focuses on embedding a reliable recall of number facts, then using these to solve simple word problems.

Revise pairs to 5, 6, 7, 10 and doubles to double 6; derive subtraction facts; understand a symbol being used for an unknown; use number facts to solve simple addition and subtraction word problems; find pairs of numbers with a total of 8

Addition and subtraction

Week 13 focuses on using known number facts to add and subtract using unit patterns and other strategies.

Add by putting the larger number first and counting on (numbers up to 100), spotting unit patterns; count on from 2-digit numbers; add a 1-digit number to a 2-digit number

3D shapes; time

Week 14 focuses on naming and identifying 3D shapes and their properties, and then on rehearsing days of the week and months of the year.

Name, recognise and know the properties of 3D shapes: cube, cuboid, cone, cylinder and sphere; begin to sort 3D shapes according to properties; order and name the days of the week and months of the year; recognise and name the seasons

Numbers and counting; fractions

Weeks 15 and 16 focus on counting, extending this skill to include counting in 2s, 5s, 10s and identifying patterns; counting is related to estimation and then to halves and quarters as equal parts of a whole.

Count on and back in tens from any number; begin to count in 5s and 2s recognising multiples of 5 end in 5 and 0; chn begin to count in 2s; estimate a number of objects within a range and count by grouping into 10s or 5s

Year 1, Spring Term 2

Numbers and counting; fractions

Weeks 15 and 16 focus on counting, extending this skill to include counting in 2s, 5s, 10s and identifying patterns; counting is related to estimation and then to halves and quarters as equal parts of a whole.

Recognise odd and even numbers; count objects in 5s and 10s and begin to say 5 lots and 10 lots; find half, quarter and three quarters of shapes; begin to know that two halves and four quarters are a whole and that two quarters is a half

Number facts

Week 17 focuses on number facts, including doubles and halves, and the use of these in additions and subtractions to 20.

Find and begin to know doubles to double 10; revise pairs to 5, 6, 7, 8, 9 and 10 and derive related subtraction facts; use knowledge of pairs of 10 to make pairs to 20; use number facts to solve word problems

Time

Week 18 focuses on units of time and telling the time to the nearest half hour, and on developing understanding of how long a minute, hour, day, week, etc. are.

Relate units of time weeks, days, hours; divide the days up into parts; read and write times to the hour; begin to have a notion of how long an hour is and how long a minute is; tell the time (o'clock and half past) on analogue and digital clocks; measure using uniform units (cubes and rulers)

Addition and subtraction

Week 19 focuses on addition and subtraction, specifically in relation to counting on and back, sometimes crossing 10.

Add a 1-digit number by counting on from a 2-digit number, not crossing 10s at first, then beginning to cross 10s; subtract a 1-digit number by counting back initially from numbers up to 30 (not crossing 10s) and then generally from a 2-digit number (not crossing 10s) and from multiples of 10

Place value and money

Week 20 focuses on place value in 2-digit numbers and then in relation to money: £1s, 10s, 1ps; children find 1 / 10 more / less than any number.

Locate 2-digit numbers on a 100-square; begin to recognise 2-digit numbers as some 10s and 1s; make 2-digit numbers using 10p and smaller coins; find 1 more or 1 less than any number to 100; find 10 more than any number to 90; find 10 less than any number to 100

Year 1, Summer Term 1

Place value

Week 21 focuses on consolidating understanding of 2-digit numbers, representing these in different ways, and partitioning into 10s and 1s.

Find 1 more, 1 less, 10 more, 10 less than any 2-digit number; explore patterns on the 100-square; understand place value in 2-digit numbers and identify 10s and 1s

Addition and subtraction

Weeks 22 and 23 focus on revision of number facts and using these to solve additions and subtractions involving 1- and 2-digit numbers.

Use number facts to add and subtract 1-digit numbers to/from 2-digit numbers; add pairs of 1-digit numbers with totals above 10; sort out additions into those you 'just know' and those you need to work out

Addition and subtraction

Weeks 22 and 23 focus on revision of number facts and using these to solve additions and subtractions involving 1- and 2-digit numbers.

Add three small numbers, spotting pairs to 10 and doubles; add and subtract 10 to and from 2-digit numbers

Measures

Week 24 focuses on weight and capacity, comparing and using uniform non-standard units to measure both; information is recorded in block graphs for ease and clarity.

Compare weights and capacities using direct comparison; measure weight and capacity using uniform non-standard units; complete tables and block graphs, recording results and information; make and use a measuring vessel for capacity

Fractions; money

Week 25 focuses on doubling and halving numbers, and recognising halves and quarters of shapes; and on recognising coins and solving money problems.

Find half of all numbers to 10 and then to 20; identify even numbers and begin to learn halves; recognise halves and quarters of shapes and begin to know 2/2=1, 4/4=1 and 2/4=1/2; recognise, name and know value of coins 1p–£2 and £5 and £10 notes; solve repeated addition problems using coins; make equivalent amounts using coins

Year 1, Summer Term 2

Place value

Week 26 focuses on rehearsing place value in 2-digit numbers.

Locate 2-digit numbers on a beaded line and 100-square; compare and order 2-digit numbers up to 100 and say a number between two numbers; identify 10s and 1s in 2-digit numbers and solve place-value additions

Multiplication and division

Week 27 focuses on identifying patterns in multiples of 2, 5 and 10, and relating counting in 2s to doubling and halving.

Recognise odd and even numbers; count in 2s, 5s and 10s, look for patterns; multiply by 2, 5, 10 by counting in groups/sets; find doubles to double 10 and related halves; halve odd numbers up to 10

Time; measures; 2D shapes

Week 28 focuses on telling the time to the quarter hour; on measuring lengths, recording information in pictograms and block graphs; and on repeating patterns using 2D shapes.

Tell the time to the half hour and quarter hour on analogue clocks and begin to read these times on digital clocks; revise months of the year; read, interpret and create a pictogram; begin to recognise and read block graphs; measure lengths using non-standard, uniform units; recognise and name simple 2D shapes and continue repeating patterns

Addition and subtraction

Week 29 focuses on using number facts to solve additions and subtractions involving 1- and 2-digit numbers and finding change.

Use number facts to add and subtract 1-digit numbers to and from 2-digit numbers; find change from 10p and from 20p

Place value; multiplication

Week 30 focuses on consolidating understanding of 2-digit numbers; and on exploring patterns in multiples of 2, 5 and 10.

Locate 2-digit numbers on a bead string and a 1-100 square; order numbers to 100; identify 10s and 1s in 2-digit numbers; say or write 1 more and 1 less and 10 more and 10 less than any number to 100; explore patterns in 10s, 5s and 2s on a 9×9 grid; count in tens from any given number.