Year 1 Maths – Spring 1

Counting

Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number

Number and Place value

Add and subtract 1-digit and 2-digit numbers to 20, including zero
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
Represent and use number bonds and related subtraction facts within 20
Add and subtract 1-digit and 2-digit numbers to 20, including zero
Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9
Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs
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
Compare and order numbers from 0 up to 100; use and = signs (ye
Recognise the place value of each digit in a two-digit number (tens, ones)
Recognise the place value of each digit in a two-digit number (tens, ones) (year 2)

Hook for learning:
Scratch garden space counting songs

Learning Challenge links

Space wars number bond game.

Calculation in Arithmetic skills time

Counting in 2s
Counting backwards from different 2 digit numbers from 20
Counting in 5s
Counting forwards to 100 from different starting points
Counting in 10s

Non-negotiables:
Count forwards and backwards to 100

Add and subtract 1 digit numbers to 20.

Tell time to the hour

Measurement:

Solve word problems about length and height.

Compare measurements of mass and say which is heavier/lighter
Measure mass using g/Kg
Solve problems involving comparing mass

Geometry

Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].

Meeting Expectations

Add by counting on. Find & make number bonds to 20. Add by making 10. Subtraction – Not crossing 10 Subtraction – Crossing 10 Related facts for addition and subtraction. Compare number sentences

Exceeding Expectations

Can add and subtract within 100.
Can solve 2 step number problems involving addition and subtraction
Can add by adding tens and units.
Can understand and manipulate place value within 100

Maths –Weekly

Week 1: Add by counting on, Adding ones, Finding number bonds, Add by making 20 , Solving word problems – addition

M Counting in 2s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 2s

Week 2: Add by counting on, Adding ones, Finding number bonds, Add by making 20 , Solving word problems – addition
Subtracting ones, Subtracting tens and ones Subtraction – crossing the 10

M Counting in 2s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 2s

Week3: Subtraction – crossing the 10, Solving word and picture problems – subtraction, Addition and subtraction facts to 20, Comparing additions and subtractions, Solving word and picture problems – addition and subtraction

M Counting in 2s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 2s

Week 4 : **Number** - number and place value

count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens

given a number, identify one more and one 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

M Counting in 2s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 2s

Week 5: solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ☐ – 9

recognise the place value of each digit in a two-digit number (tens, ones)

compare and order numbers from 0 up to 100; use <, > and = signs

M Counting in 10s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 10s

Week 6: : **Introducing length and height (Unit10)**

- Solving word problems about length
- End of unit check, comparing lengths and measuring with a ruler.

M Counting in 10s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 10s

Week 7:**Introducing weight and volume (unit 11)**

- Compare the weight of objects.
- Weigh objects
- Compare the capacity of objects
- Measure capacity
- Solve word problems about weight and capacity

M Counting in 10s
T Counting backwards from different 2 digit numbers from 20
W Counting in 2s
Th Counting forwards to 100 from different starting points
Fr Counting in 10s