

Year 1 - Maths – Autumn 2

Counting:

Count on from 0 -100. Count on from any number to 20.

Read and write numbers to 20 in numerals and write numbers in words to 10 .

Count in 2s to 20 Count back from any number smaller than 20

Number and Place value

- Find the missing number in a sequence up to 20
- Order objects using the terms 1st , 2nd, 3rd, 4th, 5th
- Know one more and one less than a given number to 20
- Read all number as numerals and words to 10

Calculation

- Add and subtract 1-digit and 20.
- Identify one more and one less than a given number to 20.
- Know all number bonds to 10, using addition.
- Solve simple problems involving addition to 10.
- Know doubles to 10.

Meeting Expectations:

- Count to and across to at least 20 forwards and backwards beginning with 1.
- Read and write numbers to 20 in numerals and write numbers in words to 10.
- Count in 2s to 20
- Identify one more and one less than a given number to 20.
- Order objects using the terms, 1st, 2nd, 3rd, 4th, 5th .
- Find the missing number in a sequence up to 10.
- Add/ subtract 2, 1 digit numbers to 10.
- Name 2D and 3D shapes

Hooks for learning:

Science building blocks for Callum's house for 3D shapes and addition subtraction work.

Learning Challenge links

Can you make patterns with different autumn leaves.

Can you count how many days it is until and since Christmas?

Can you calculate how many more bricks are needed in a row to make 10?

Can you order the days of the week?

Do you know the months of the year?

Exceeding Expectations:

Count to and across to at least 50 forwards and backwards beginning with 1.

- Read and write numbers to 50 in numerals and write numbers in words to 10.
- Count in 2s to 50
- Identify one more and one less than a given number to 50.
- Add/ subtract 2, 1 digit numbers to 10.
- Identify and describe the key properties of 2D and 3D shapes, using the correct mathematical terminology.

Non-negotiables:

Count to and across to 100, forwards from any number.

Read and write numbers to 20 in digits and words.

Say 1 more/ 1 less to 100.

Add and subtract 1 digit and 2-digit numbers to 20, including.

Use language of day, week, month and year. Count in multiples of 2

Sequence events in order.

Geometry:

Recognise and name 3D shapes.

Recognise and name 2D shapes.

Make patterns with 2D and 3D shapes.

Talk about the Patterns, shapes used and differences between patterns.

Name position of shapes in a pattern 1st, 2nd, 3rd.

Maths –Weekly

Week 1: 3D and 2D shapes

- To recognise and name 3D shapes
- To recognise and name 2D shapes
- To describe and Classify 3D shapes
- To describe and Classify 2D shapes
- To recognise and create patterns

Week 2 : Patterns and positions with 2D and 3D shapes.

- To recognise and describe repeating patterns.
- To use the language of position.
- To use the language of position and direction.
- To use the language of position, direction and movement.

Week 3: Number and place Value – Numbers to 20

- To write the numbers to 20 in numerals and words.
- To learn that the numbers 11–20 are made up of 1 ten and some more.
- To use the + and = symbols to express numbers 11–20.
- To learn that one more and one less is the same as adding one or subtracting one, or counting one forwards or one backwards.

Week 4: Number and place Value – Numbers to 20

- To use the and = symbols to compare two groups of objects.
- To identify whether a number is more than, less than or equal to another when given two or more numbers within 20.
- They will use the less than (<) or equal to (=) signs.
- To order numbers and objects using vocabulary learned in previous lessons and the < and > symbols.

Week 5: Addition to 20

- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-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 $7 = \square - 9$

Week 6: Subtraction to 20

- read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs
- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-digit numbers to 20, including zero

Week 7: Assessment and consolidation

Counting to 100 forwards and backwards in 2s 5s and 10s.
Finding one more and less than numbers to 100.
Using the language of greater than and smaller than to describe numbers. Using mathematical language of add, subtract and equals.
practicing number bonds and positional language.

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