

Year 1 - Autumn 1 - Maths Skills – Poles Apart

Number and Place Value (3 weeks)

- count to ten, forwards and backwards, beginning with 0 or 1, or from any given number
- count, read and write numbers to 10 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 one more and one less
count in multiples of twos

Addition and Subtraction (3 weeks)

- represent and use number bonds and related subtraction facts [within 10]
- add and subtract one-digit ... numbers [to 10], including zero
- read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems

Mental Maths (throughout year)

- 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 twos, fives and tens
- given a number, identify one more and one less
- read and write numbers from 1 to 20 in numerals and words.
- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-digit numbers to 20, including zero

Maths TOPIC IDEAS – Year 1(FRIDAY)

Poles Apart



Number Challenges

Name the world's 5 Oceans?
Name the world's 7 Continents?

Order a range of temperature from hottest to coldest
e.g. 5°C , 15°C , 1°C , 3°C , 21°C .

Calculation Challenges

There are 5 Oceans and 7 Continents, how many is this in total?

One of the hottest temperatures ever recorded was around 57°C . How much would you increase this by to get to 70?

Movement and Position Challenges

Find 3 countries North of the Equator and 3 countries South of the Equator.

Memorise the 4 compass points – can the children think of an acronym to help others remember?

Learn the 8 compass points.

Measurement Challenges

Which is bigger? Order the 4 countries within the UK from biggest to smallest.

Look at a world map, identify the UK. Identify 3 countries bigger than and 3 countries smaller than the UK.

Fraction Challenges

The temperature is 14° Celsius. This falls by half, what is the new temperature?

Display a range of temperatures and challenge the children to find half of each number e.g. half of 6°C , 12°C , 4°C , 20°C , 12°C .

Data Challenges

Find the temperature inside the classroom over 5 days.

Find the temperature outside of the school over 5 days.

Identify a selection of hot countries (near to the Equator) and cooler place (further away from the Equator)

Shape Challenges

Using a world map, draw around some countries and cut out each shape. Challenge the children to identify country name.

Create a jigsaw of Europe, by tracing around each country and challenging the children to put together again using a copy of a map.