

Ideas for Outdoor Activities at Home

Numbers and Numerals:

Write a selection of numbers in numerals and words.

Record on paper:

Can they read the number aloud?

If the number is a numeral can they write it in words?

If the number is a word can they write it in numerals?

Children to smiley face next each one they get correct.

Numerals:

Can you make numbers out of sticks?

Can you create a number sentence out of sticks?

Can you solve the calculation using sticks?

Time

Draw a circle on a paving stone.

Children to use pebbles to show 12 points on the clock. or draw on numbers with chalk or label with paper

Call out o'clock, building up slowly to half past, quarter past, quarter to, increments of 5 mins

Children to show the time called out by using one long and one short twig.

Children to (pat themselves on back if they get it write, silent cheer) if they are correct, if incorrect modify their clock to show the correct time.

Geometry

2D 3D pictures

T/TA to show children a large picture that is made up of 2D or 3D shapes

What is a 2D shape?

What is a 3D shape?

Children to write down how many of each shape they see in the picture.

Children to draw their own 2D picture using shapes.

Making Shapes

Can you make 2D and 3D shapes with sticks? (you may need string or elastic bands to secure 3D shapes.

More than less than

Write a list of numbers to be compared. Remember the symbols $<$ $>$ for greater than less than or equal to.

Children to write down the numbers leaving a space in the middle for the sign.

Using two small twigs children create the symbol to answer the calculation correctly.

You could keep a tally chart of your correct answers.

How many ways?

Using a selection of natural materials, a pen and a piece of paper can you show all the different ways to make the Target number 24?

They could show:

- Pictorial representation of tens and units.
- Natural arrays and multiplication calculation commutative
- Numberline
- Section of a hundred square
- Natural calculations eg $5 \text{ stones} + 8 \text{ stones} = 13 \text{ stones}$
- Worded problems
- Drawings of cubes



Now try another number!

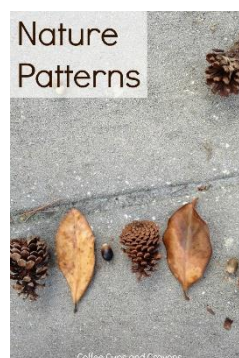
Patterns and Sequences (1)

Using natural materials can you make a pattern or sequence?

For example:

Cone, cone, pebble, stick stick stik, cone cone, pebble

How many different patterns can you make? Make a note using a tally.



Patterns and Sequences (2)

Look for patterns either in nature or on buildings. Can you describe the patterns and note them down on? What shapes do they use? Do they tessellate? How often do they repeat?

Adding

Draw a target/s with chalk and allocate a particular score for each area that then throw a beanbag or another suitable piece of equipment into. Can you add up your score as you go along?

Multiplication

Catching or bouncing a suitable piece of equipment and counting 2s to 30, 5s, to 60 10s to 120 with each catch/bounce. Can you then count backwards?

True or False

- Get an adult to read out/ write out a selection of different simple calculations, shapes, money, which is bigger, time or statements etc.
- Number bonds
- Simple addition, multiplication, subtraction, halving doubling
- Next number in the sequence.

Is the answer true or false? You might want to make True or False cards to hold. Can you decide within the 30 sec time limit?

Position and Direction

Children to practise directions by directing a member of your family (socially distanced) from one place to another using mathematical language:

Quarter turn, half turn, three quarter turn, full turn.

Clockwise, anti-clockwise

Forwards, backwards.

Super Movers Times Tables

<https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-2-times-table-with-bridget-the-lioness/zrrx92p>

<https://www.bbc.co.uk/sport/av/supermovers/42675179>

<https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-10-times-table-with-webster-the-spider/zm32cqt>