



Woody Mini Maths Challenges



For Teachers

Age: 4 - 7 year olds ⌚ **Minimum time needed:** 1 hour

Curriculum links:

Maths

- Recognise and name common 2D shapes, including, rectangles (including squares), circles, and triangles. Compare and describe lengths and heights.
- Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
- Order and arrange combinations of mathematical objects in patterns and sequences.

Use natural objects to discover shapes, counting, and ordering.

Get Ready

- Dice or spinners for choosing numbers up to 10
- Sticks
- Camera



Get Set

Explain the idea of the outdoor maths challenges. Split into groups and work together to complete the challenges.

Go

In groups....

- Gather a bundle of sticks to mark out shapes on the ground. For example, a rectangle, a square, a triangle, and a circle. Older children could use thinner sticks to mark out lines of symmetry.
- Roll a dice or a spinner and then each child to gather that number of a named object e.g. 4 sticks, 6 stones, 3 leaves. Who can get the right number quickest?
- Spin/throw twice, add the numbers together, and find the number of objects to gather.
- Collect a bundle of sticks and place them in different orders - length, width, weight etc.
- Collect a handful of fallen leaves and place them into categories such as colour, length, spikiness etc.
- Look up in the trees to see how many shapes you can see.





Go Beyond

Use the objects found in the second activity to help practice number bonds or times tables.

Take photos of the shapes created with sticks and the ordered sticks and use them to create a display back in the classroom.

