



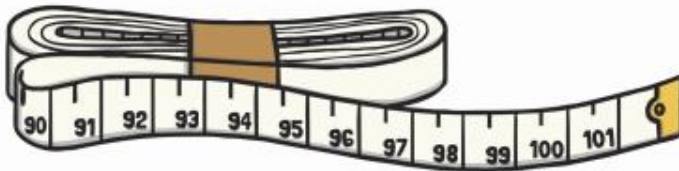
Using natural objects, can you make different 2D shapes? Can you use stones to make a circle? Can you make a triangle from twigs?

Which natural objects could you use to make a pentagon?



Using a tape measure, can you find the length / height of different natural objects? Can you estimate how long / tall they will be?

Can you place them in order starting with the smallest?



Find different natural materials and turn them into a natural symmetrical pattern. Can you make both sides look identical?

Could you use different 2D-shapes within your picture? Do you know any patterns that exist in nature that are symmetrical?



Collect a variety of different natural objects. Using chalk, make a tally chart using the objects that you have found.

Which object did you find the most of? Which object was hardest to find? Could you show your findings in another way?



Find 4 sticks and arrange them in a pattern like this:



Collect natural objects to use. Put different amounts of objects in each row and column. Can you make each row and column total 10?



Using different natural materials, create your own pattern. What would come next in your sequence? What would the 10th object be? Or the 20th? Or the 100th? How could you work it out?



Outdoor Maths

Go on a shape hunt around your outdoor area. What shapes can you see? How could you record what you see? Draw a picture of the shapes you find, or write what shapes you spot on your hunt.



Outdoor Maths



Using sticks and string, can you make your own kite?

What could you use to make the bows? Can you decorate your kite design?

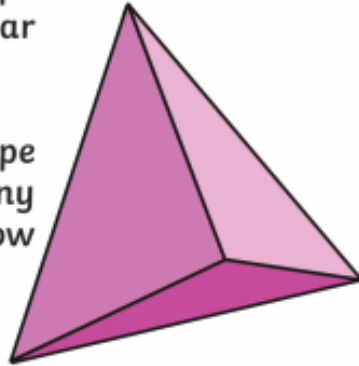


Outdoor Maths



Collect a variety of sticks. Using string, tie the sticks together to make a 3D shape e.g. a cube or a triangular prism.

Can you describe your shape to a partner? How many edges does it have? How many vertices?



Outdoor Maths



Using two sticks and some string, make an angle measurer. Can you find different angles using natural objects? Which angles can you see on a leaf? Do trees have any right angles?

