Outdoor Maths
Challenge Cards

twinkl

In the next few slides you will see a variety of different challenges, including some shape, number work and general mathematics questions.

Although the challenges say 'Outdoor Learning' most of them can be done indoors if the weather isn't great outside!

It is your choice P3/4 what challenges you wish to do. You can complete them all if you wish or select a few.

Some of them contain a partner and some can be done on their own.

I can't wait to see what you come up with!

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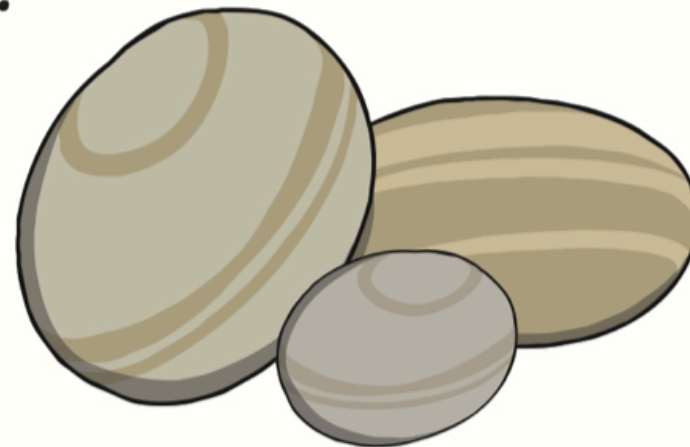
Which natural objects could you use to make a pentagon?

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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?
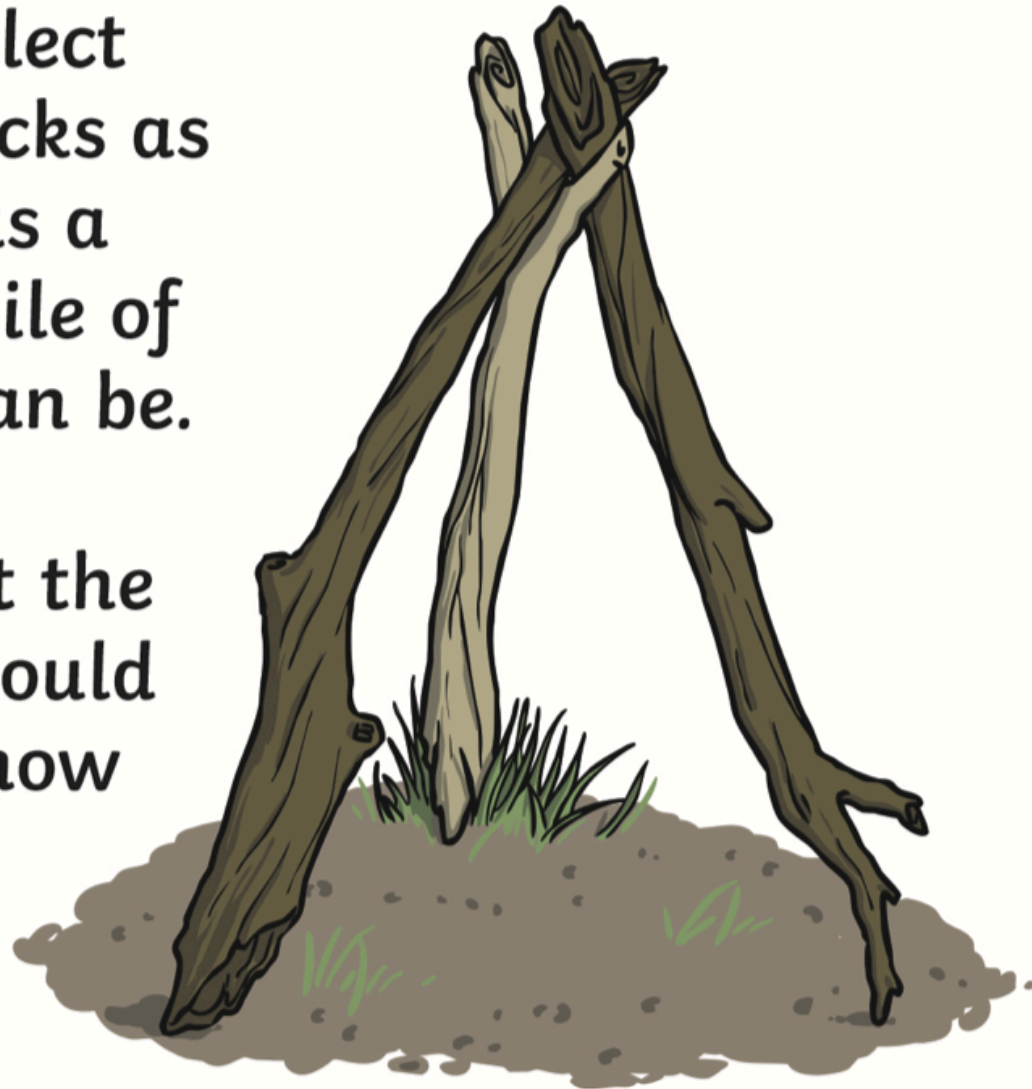
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Using different natural materials, create your own pattern. What would come next in your sequence?

In a small group, collect together as many sticks as you can find. Work as a team to make your pile of sticks the tallest it can be. Will your pile be the tallest? Can you beat the other teams? What could you use to measure how tall it is?
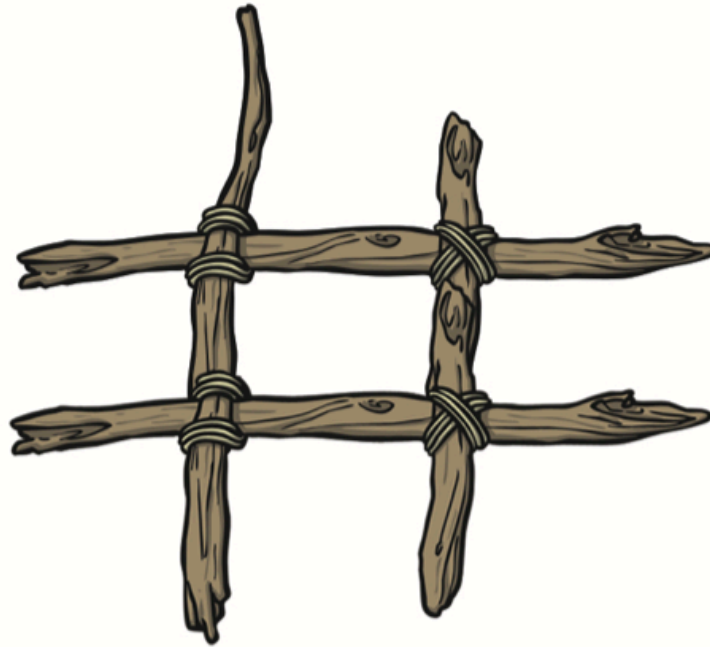
Find an even amount of leaves. How many different ways can you arrange them?

What happens when you have a different number of leaves?

Does it work with an odd amount of leaves?

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?