

Maths Outdoors 2

A symmetry activity

What you will need

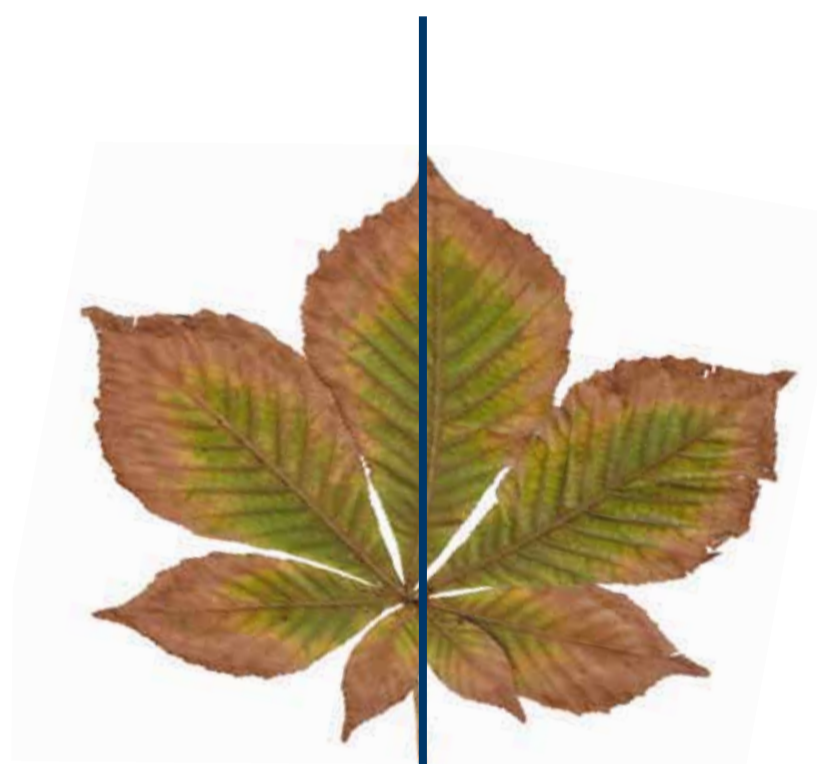
- A container to carry outdoors
- Number rods for when you are back inside

What to do

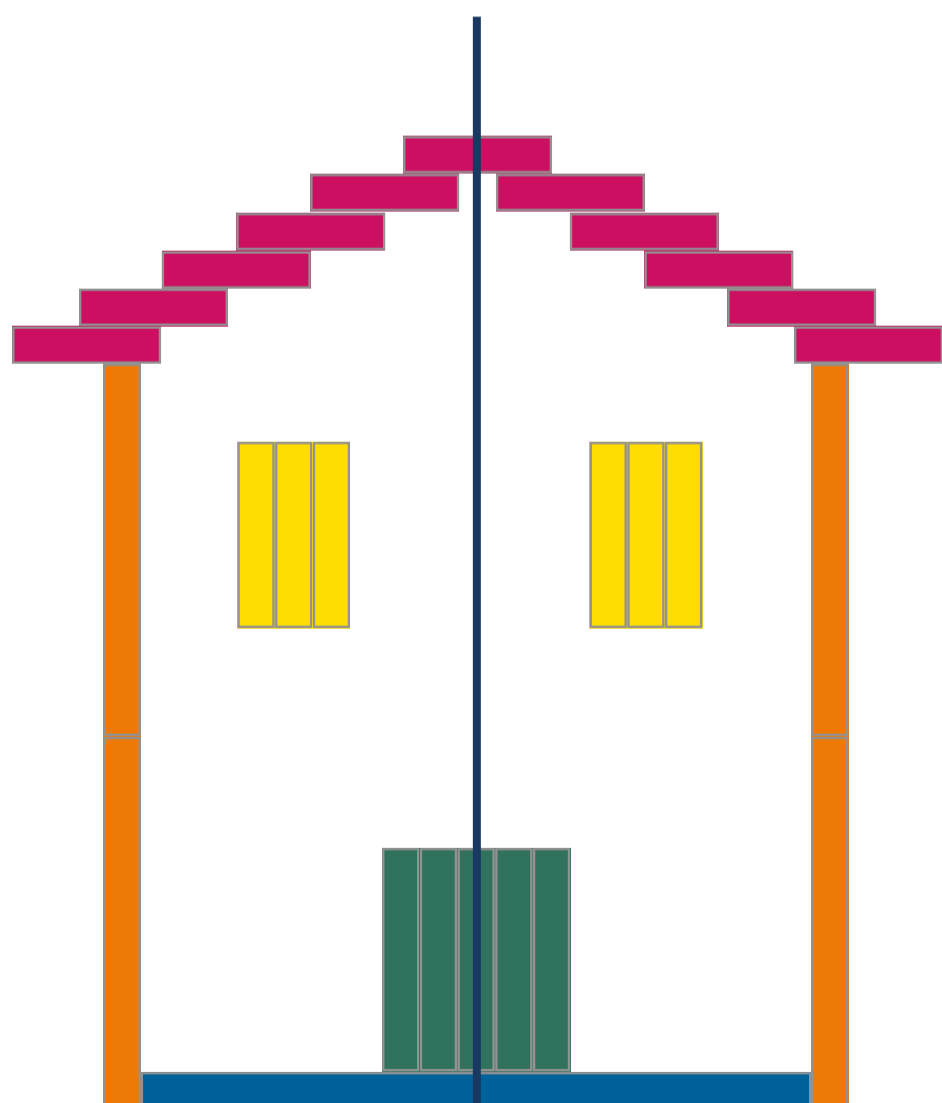
- Take your container and gather collections of leaves.
- When you get back inside, sort out your leaves into sets. How many ways can you sort them? For example, by colour, size, shape...
- Take a rubbing of a leaf. Can you add a line of symmetry to the leaf rubbing? Can you find a line of symmetry on every leaf?
- Can you make a symmetrical pattern using the number rods?

Extensions and questions

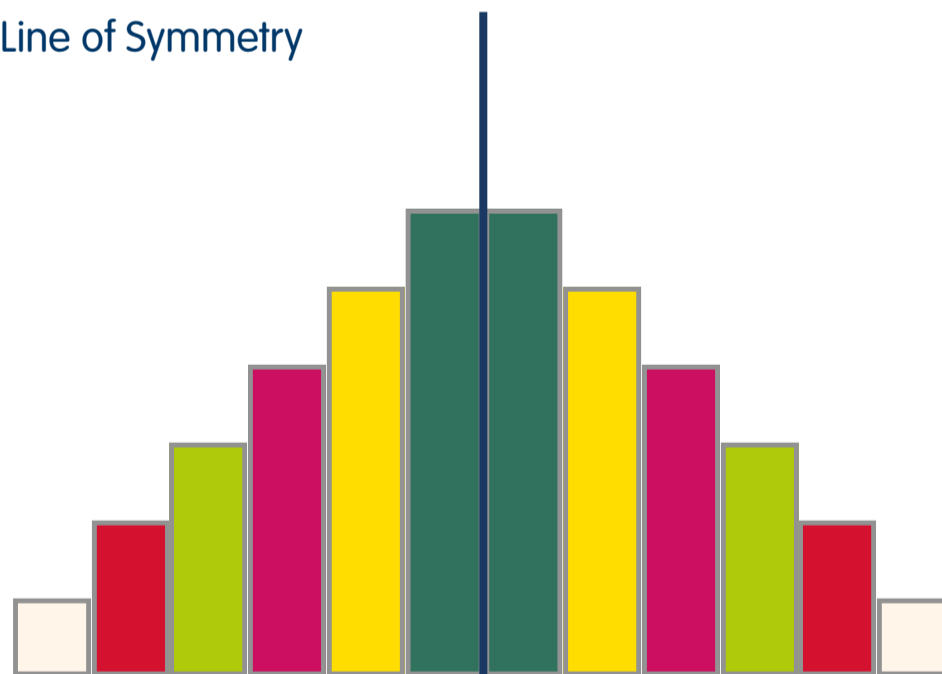
- Can you make a pattern that has two lines of symmetry?
- What about a pattern with more lines of symmetry?
- How many rods did you use? Is there a link between the number of lines of symmetry and the number of rods?



Line of Symmetry



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