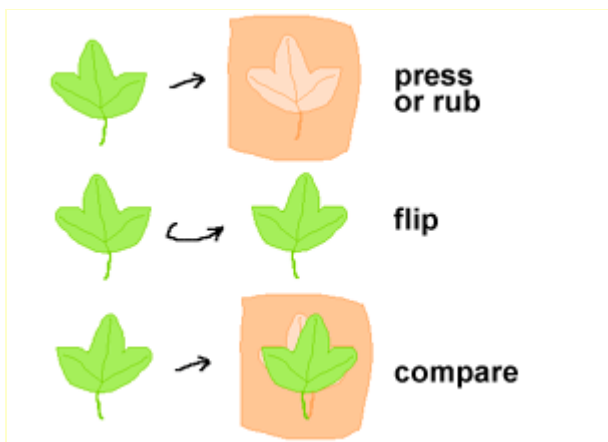


## MATHS IN THE WORLD AROUND US

Become a maths detective - take a walk around your garden or around the countryside.

- Where can you find maths in nature?  
Can you find a leaf or petal clusters in groups of 3, 4, 5, 6? Can you find spirals?
- What 2D shapes can you find, manmade or natural? Keep an eye out for rectangles, circles, triangles, trapeziums, a rhombus, kites and more. Take photos or make a sketch of the different shapes you can find, labelling the shapes you have spotted.
- Can you guess the angles formed by branches or leaves? Think about what makes a right angle - how can this help you estimate other angles? Check your guesses with a protractor or angle wedges that you have measured and cut ahead of time. Draw and label your discoveries, or take a photo to record the highlights of your maths hike.



NATURAL SYMMETRY SCAVENGER HUNT

Collect leaves from trees, bushes, or flowers. Look for leaves that are symmetrical.

Make a record of the leaves shape by placing a piece of paper over it and rubbing it with the side of a crayon, or press the leaf into modelling clay and lift it out carefully.

Flip the leaf over and lay it on top of the crayon rubbing or clay imprint. How well does it fit? Give a prize to the most symmetrical leaf!

