

# Nature's Angles Activity Sheet

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How many different angles can you find in the great outdoors?

## You will need

- a pencil
- activity sheet
- a protractor (optional)

There are so many examples of different angles in the outdoor environment. As you walk along the river look around you - on the ground, in the trees, along the river bank. See if you can spot different types of angles in the objects you see around you.



Angles in the forks of a tree



Angles with man-made materials



Angles in tree stumps

Record the angles you find on the worksheet (next page).

If you're short of time, take a photo of your angles with your mobile phone and complete the worksheet at home.

## Top Tip:

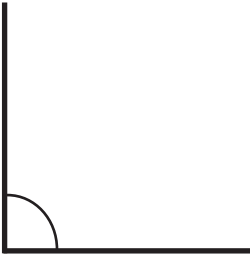
'Go micro' - some angles are found on the smallest objects!

## Take it further

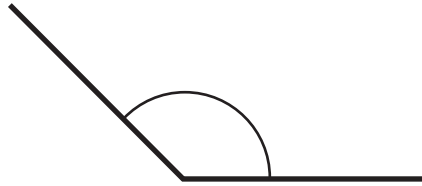
Older children might like to try and work out the size of the angle or draw a sketch of it.



Lots of angles on one tree branch!



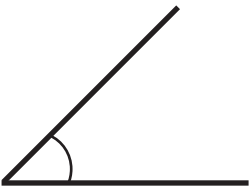
Right Angle - Exactly  $90^\circ$



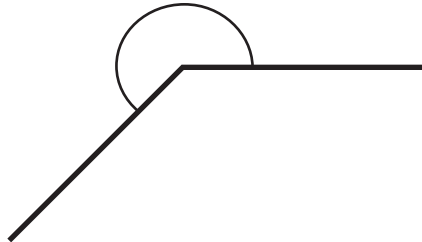
Obtuse Angle - Greater than  $90^\circ$  but less than  $180^\circ$



Straight Angle - Exactly  $180^\circ$



Acute Angle - Less than  $90^\circ$



Reflex Angle - Greater than  $180^\circ$

Object	Type of angle	Natural or man-made	I think this angle measures	A sketch of my angle
Fork in a tree	Acute	Natural	$55^\circ$	