

1. Tree identification

**You
will
need**

- Leaf spotting guide (page 3)
- Crayon
- Paper
- Tree identification guide
- Calculator
- Tape measure

➤ What **shape** are the leaves?

Draw a picture of the leaves

➤ Can you describe the **bark**?

Use some good adjectives!

➤ Do your bark rubbing here

➤ What **type** of tree is it?

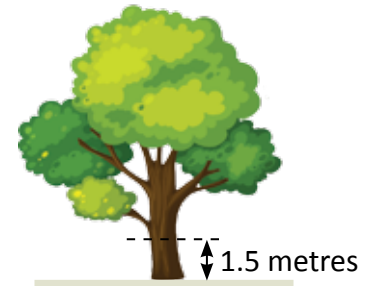


Tree age

- Measure up the trunk 1.5m from the ground. Then wrap a tape measure around, to find out the **circumference**.

Tree circumference =

Circumference is the distance around the outside of a circle



- What **type** of tree is it?
Use your Tree identification guide

- Divide the tree's circumference by the right growth rate to find its rough **age**

Circumference ÷ Growth rate =

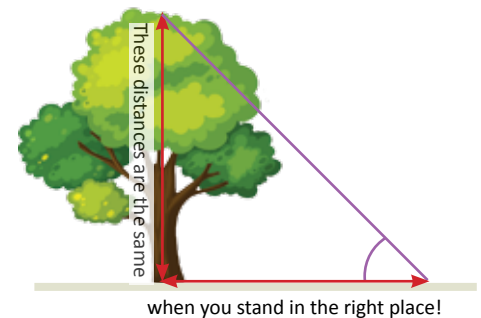
Type of tree	Growth rate
Oak	1.88
Hazel	2.50
Ash	2.50
Beech	2.50
Sycamore	2.75
Pine/Spruce	3.13
ANY OTHER TREE	2.50

- What was going on in the world when your tree was sprouting?

Estimating tree height

If the tree were to fall over, where would the top be?

- Stand at that point with your back to the tree.
- Bend over and look back through your legs to the top of the tree.
- Shuffle forwards and backwards until you can only just see the top of the tree.
- The distance between your feet and the bottom of the tree is now the same as its height.
(You will look daft, but it does work!)



How tall is your tree?

Leaf spotting

How many can you find?



✓ Oak



✓ Sycamore



✓ Ash



✓ Birch



✓ Beech



✓ Rowan



✓ Willow



✓ Hawthorn



✓ Pine

Signs of winter

How many can you find?



✓ Bare branches



✓ Dead leaves



✓ Hoar frost



✓ Holly



✓ Yew



✓ Pine trees



✓ Ivy fruit

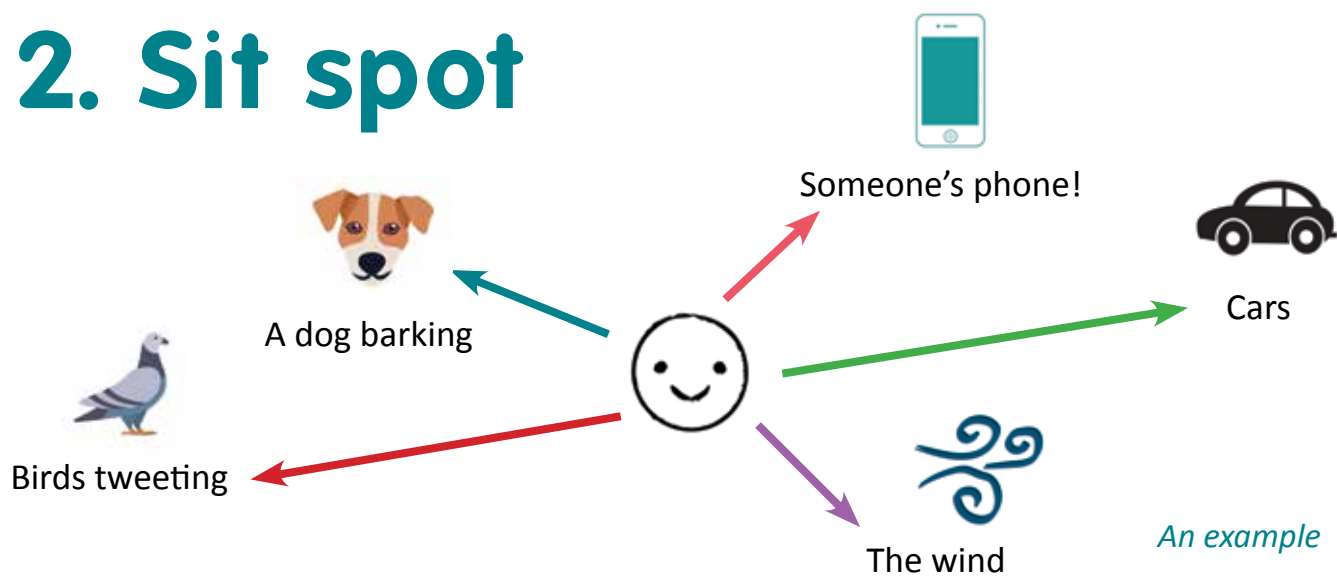


✓ Squirrel dreys



✓ Snowdrops

2. Sit spot



Draw your own Sit spot here – get creative or arty!

3. Wild art

You will need

- Natural materials
- A space to work (inside or outside)

Get ready

When you are out on your walk make sure you **take a small bag or container with you** to collect small natural objects such as pine cones, twigs, fallen leaves, coloured petals, feathers etc.



Get set

You can make your art on the ground in the garden, or inside on a tray or sheet of paper.

Make sure you get permission, and put newspaper down first to help keep things tidy!

Alternatively you can make your art while out on your walk and leave it for others to find and enjoy.

GO

Now it's time to get arty...

Are you going to make a repeating pattern? Or a picture of something? Think about colours, size, 2D or 3D... and get creative!

We would love to see any art you've created! Don't forget to take a photo of yours and post it on Twitter with **#PrimaryNatureLive** (ask an adult to help) for a chance of having it shown in next week's episode!

