

# Tree Life Cycle



Trees have different stages of their life. Use this sheet to tick off when you have spotted each stage



The different types of trees are immense. Despite their differences, they all start as a tiny seed, mature and will eventually die to make room for new, young trees. Can you spot the different stages of a tree's life?

## What you'll need

- Tree Life Cycle spotter sheet
- Pen or pencil

## What to do/instructions:

1. Go outdoors and explore a local park or woodland
2. Tick the box next to the stage of the tree's life cycle when you have seen it

## Some ideas:

We have lots of Spotter activity sheets to help you learn more outside!

Why not try growing your own tree by picking up a seed and burying it. You can download our *Seed Spotter sheet* to help you figure out what tree you can grow.

Our *Tree ID sheet* will help you identify lots of different species you can find while exploring in the Spring and Summer. If there are no leaves on the trees check out our *Tree Bud spotter sheet* that will help you figure out what tree you're looking at in Autumn and Winter!

Look closely at all types of trees and you'll find lots of creepy crawlies. Learn more about all things tiny by downloading our *Minibeast Hunt* activity sheet.

**Share your photos with us on Instagram or twitter /cityoftreesmcr**



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Seed



Sprout



Every tree grows from a type of seed. Check out our *Seed Spotter Sheet* to learn about the different types.

You'll have to look close to the ground for this stage. A sprout is when a seed begins to grow. This may be just poking out through the soil trying to find some sunlight



Seedling



Sapling



Seedlings are small trees that are very bendy and are less than 3ft in height (about chest height for an adult). They can grow very quickly, up to 1cm a day!

Saplings are over 3ft high (chest height in an adult). They are still bendy with smooth bark, but they will not produce seeds or flowers.

Mature Tree



Decaying Tree



These fully grown trees can produce seeds and flowers. The tallest tree in the UK is over 60 metres, that is as tall as 12 giraffes stood on top of each other!

When a tree gets very old it will die but can still stay standing in the forest. This is called a 'snag' and is the perfect habitat for lots of wildlife.