

IAL: about different types of roots and their purpose

Watch these 2 clips about different roots and their purposes.

[Roots](#) and [BBC Science](#)

Use the word bank to complete the paragraph about roots.

daffodils systems underground carrots taproot
 food fibrous stem store

A root is a part of a plant that is usually hidden _____. Roots have several purposes. They take water and _____ (nutrients) from the soil. They also _____ food for the plant. They hold the plant in the ground and keep it upright.

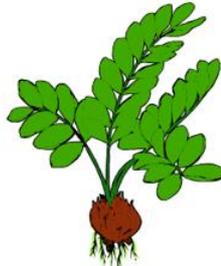
A _____ is a long, thick root that points straight down. Smaller roots can grow out of its sides. Plants with taproots include _____ and dandelions. _____ roots are made up of many small roots, all about the same size. The small roots grow out in many directions from the base of the _____. Grasses and _____ have fibrous root _____.

Apply your learning to label the plants below as having **fibrous** roots or **taproots**.

Carrot



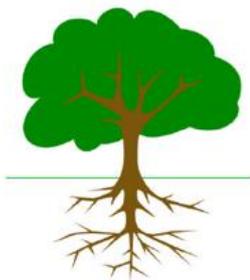
Beetroot



Wild flower



Tree



Onion



Garden flower



Explore and identify the roots of different plants in your garden and home.
 Draw and label a diagram of their root systems.

IAL: about the process of the water cycle

The 2 clips below will explain the process of water cycle.

[Click Here](#) and [Click Here](#)

Match the information to the correct subheading.

The cycle begins when moisture warmed by the sun, rises from rivers, lakes and oceans. Overtime water vapour streams up into the sky.

Gradually, the water vapour gathers together as it cools down. While the vapour gathers together, it slowly forms clouds.

Evaporation

Surface Runoff

Precipitation

Condensation

Until they become full and heavy, the clouds hold the water droplets. Eventually, the heavy clouds release the water and it starts to rain or snow.

Rain quickly drains down mountains and hills. Some of the rainwater disperses into seas and rivers. However, some seeps into the ground or is used by plants, animals and humans before it returns.

Create and label your own water cycle diagram using the information above. Click the link to watch an online lesson on how to create your diagram.

[Click Here](#)



[Click Here](#) to take the water cycle quiz!

IAL: about the events at the Ancient Greek Olympics

Visit the website below to find out about the events at the Ancient Greek Olympics.

[BBC History](#)

Name the events.



Use the online source to find out and write facts about each event.

How many people took part?

Did they use any equipment?

What were the rules?