**Topic 1** Plant parts: roots and stems

1. **Draw lines to match the labelled parts of the plant to the job they do.**

   - **supports branches and leaves**
   - **take water from the soil**
   - **carries water to leaves and flowers**
   - **anchor the plant**

2. **True ✔ or false ✘?**

   - a. Leaves anchor a plant in the soil. ✔
   - b. The stem supports branches and leaves. ✔
   - c. Roots take blood from the soil. ✘
   - d. The stem carries water to leaves and flowers. ✔
3 Draw what will happen to the flowers if they are put in coloured water.
Add some arrows to show how water moves through the stems.

4 Rearrange the letters to find three types of root.

usbfiro   sratoge   pta
_________ roots  _________ roots  ___ roots

Draw lines to match each root type to the right picture.
5 How old are these trees?

[Diagram of tree rings]

_______ years  _______ years  _______ years

6 Choose the correct word from the brackets to complete each sentence.

a A plant’s roots anchor it in the _____________.
   flower / soil / branch

b The stem grows up from the _____________.
   flower / leaf / ground

c Water travels through leaves inside _____________.
   veins / air / flowers

d A plant’s stem supports the branches and _____________.
   water / leaves / soil
7 A plant’s stem and roots have different jobs to do. Complete the words in the boxes. Finish the arrows to complete the chart.

Which plant part am I?
I anchor the plant in the wind.
I take water from the soil.
You eat me as a carrot or a yam.
I am a plant’s ____________.

I support the plant’s branches and leaves.
I carry water from the roots to the leaves and flowers.
You eat me as celery or asparagus.
I am a plant’s ____________.