

The background features abstract, overlapping green geometric shapes in various shades of green, creating a modern and dynamic look. The shapes are primarily located on the left and right sides of the page, framing the central text area.

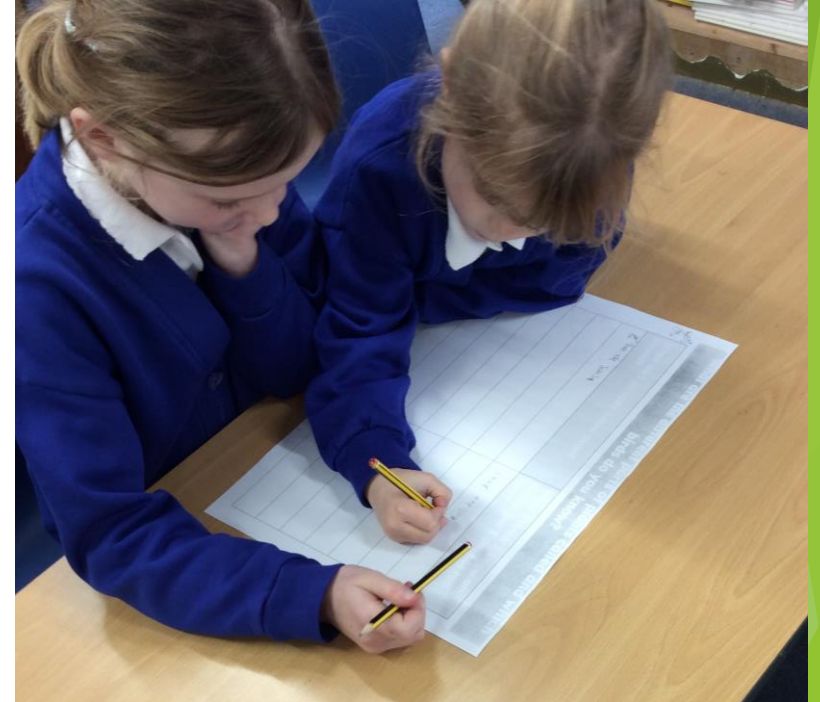
# Science

Plants

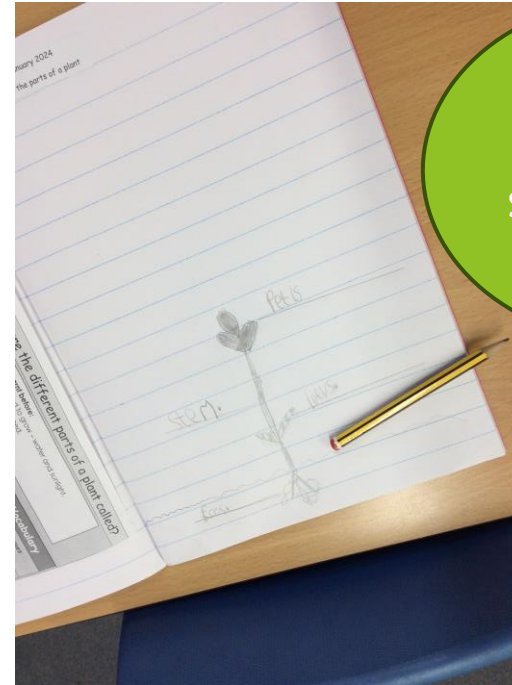
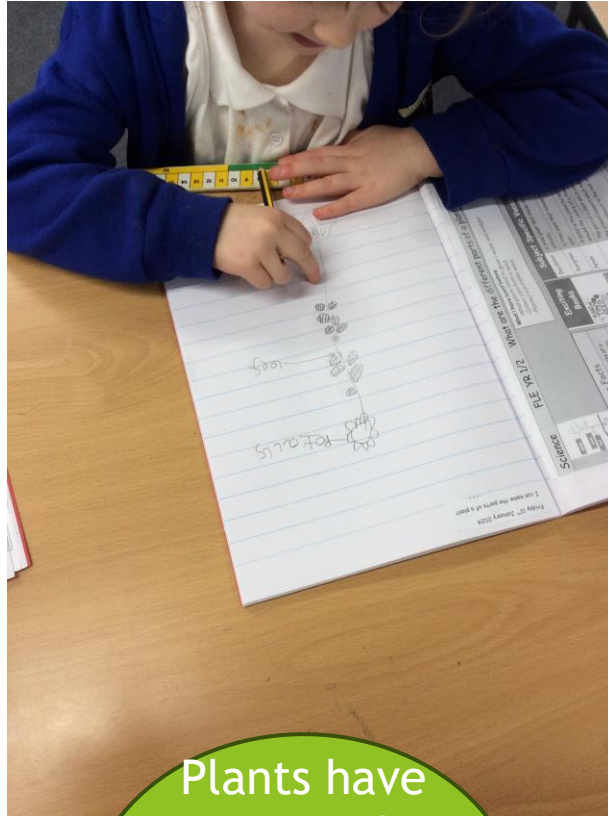
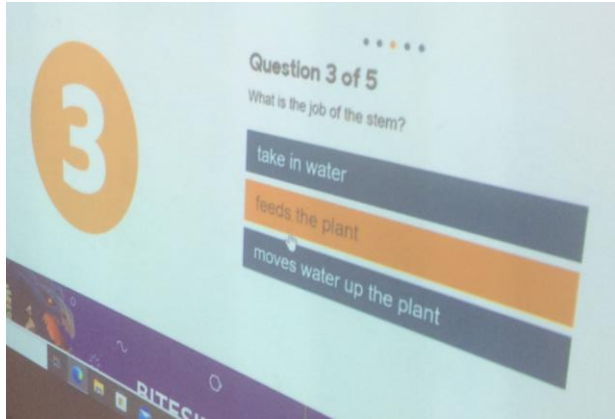
Year 1/2 Spring 1 2024

# What do we already know about plants?

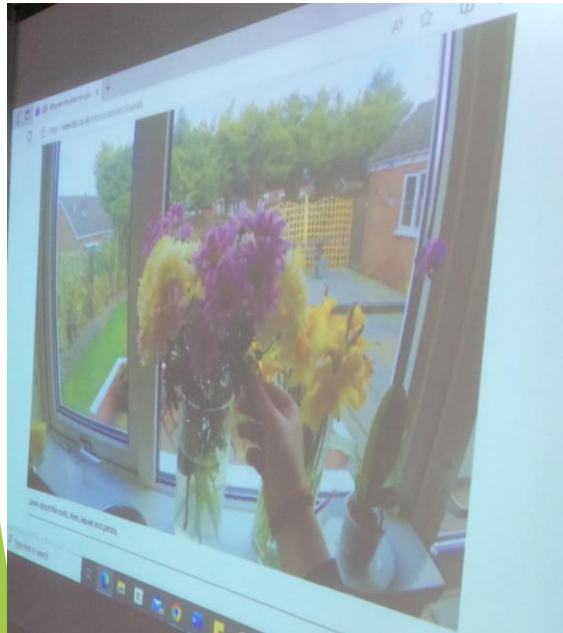
- ▶ The seed grows into the plant. All plants grow from a seed.
- ▶ You need sun and soil to grow a plant.
- ▶ Plants have petals, stems and they need sunlight and water.
- ▶ Daffodils have yellow petals. Bluebells and tulips are a flower.
- ▶ The colourful bits are called petals. Some flowers are little.
- ▶ Plants need hydration, they need water.
- ▶ Plants live outside and inside.
- ▶ Daisies are yellow in the middle and white.
- ▶ Cress needs water and sun to grow.
- ▶ Plants need plant food to grow. Plants start as a seed and need water. Plants sometimes grow underground.



# What are the names of the main parts of a plant?



Plants have petals and a stem to help it stand up.



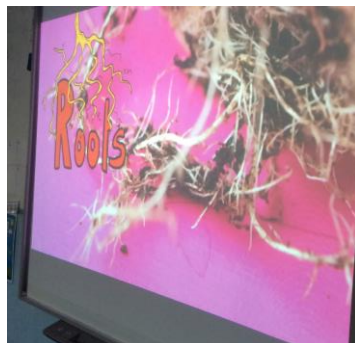
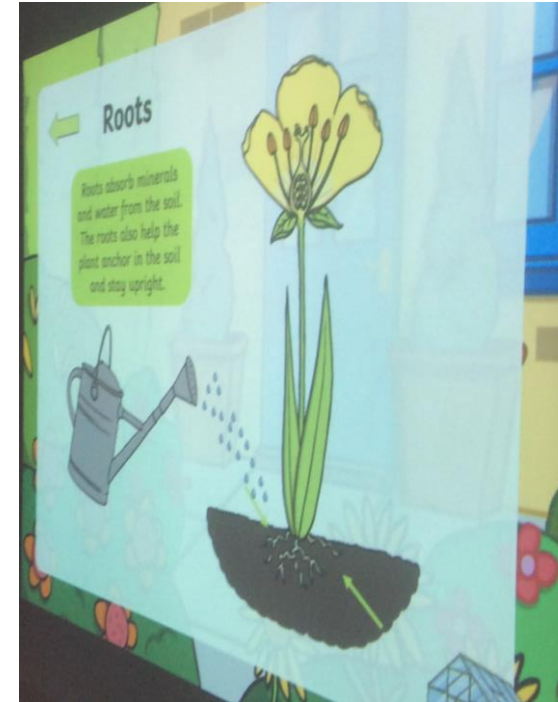
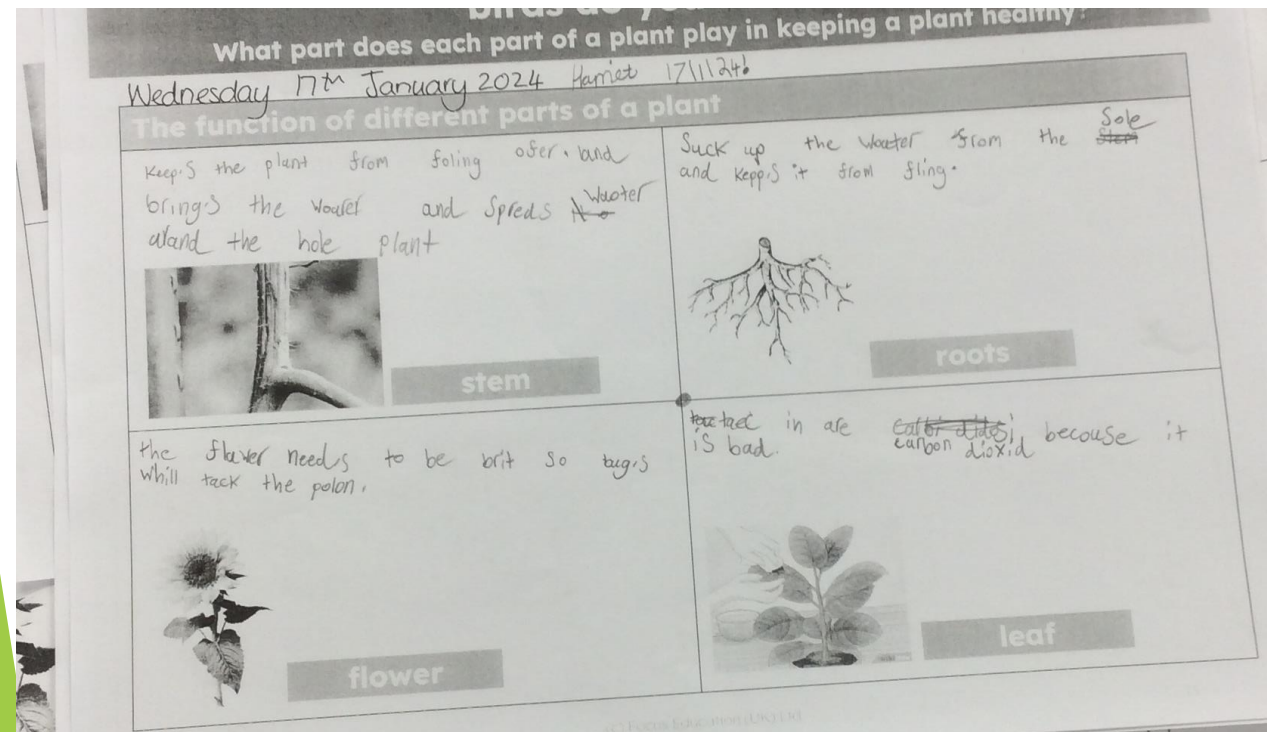
Plants have roots at the bottom, they grow underground

Lots of plants have leaves on them, too.

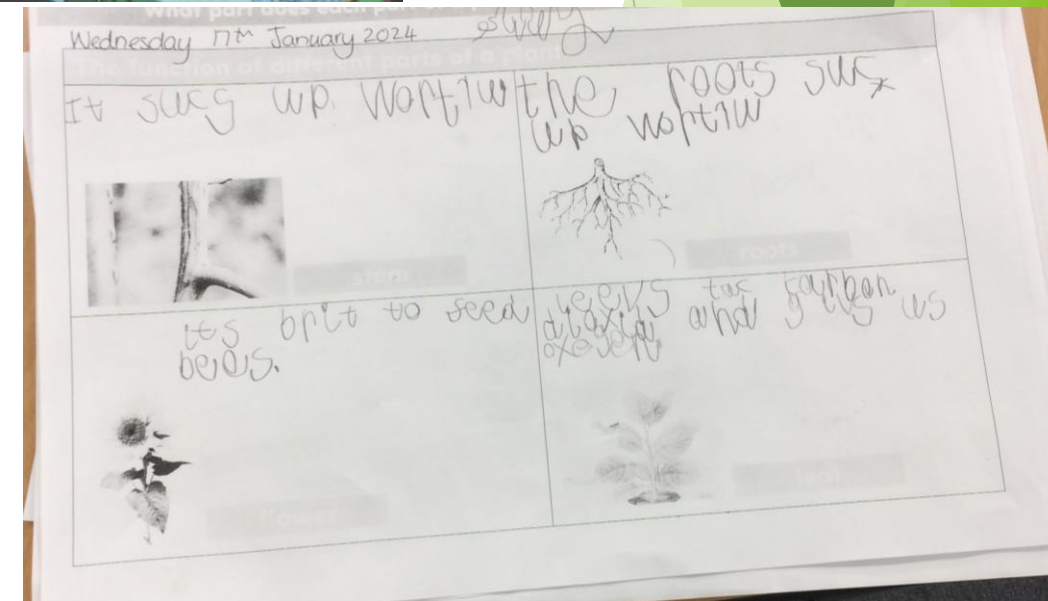




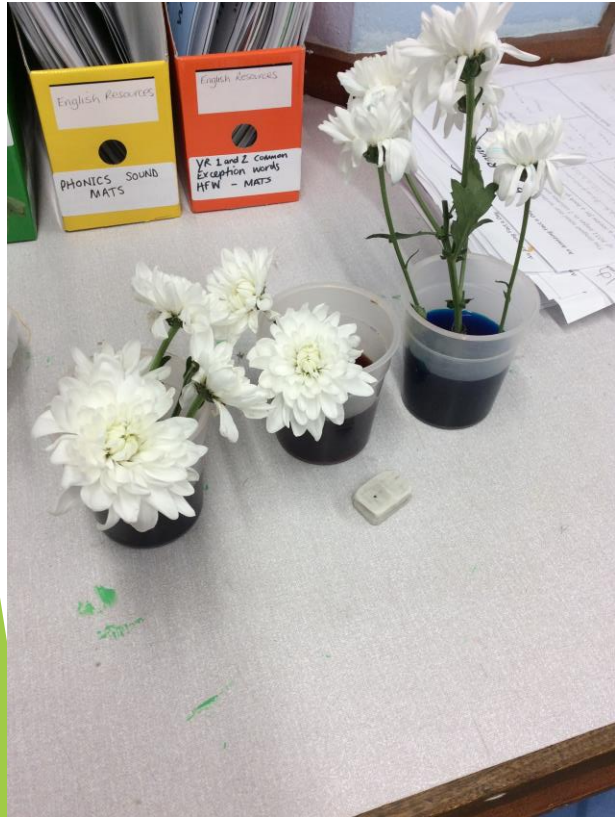
# What part does each part of a plant play in keeping it healthy?



The roots also help stop the plant blowing away. It's like an anchor.



We set up an experiment alongside our learning to see if the stem really does transport the water through the plant.

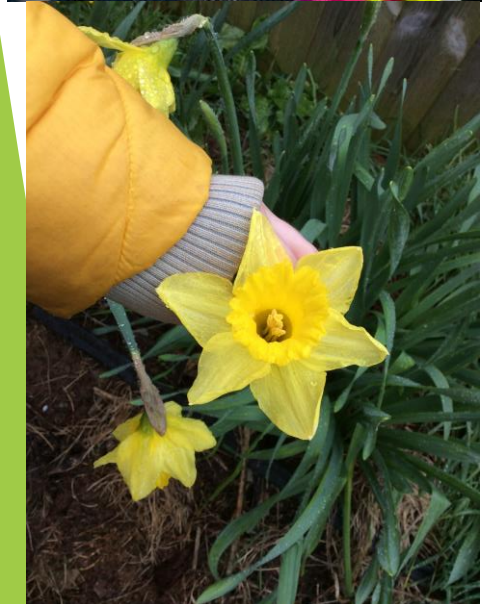


Only the blue water made the flower change colour. How strange.



# How many wild flowers can you recognise?

We went on a walk to some local woods but we didn't see a lot of flowers. We built on our prior learning and decided that this was because it was winter and that we should come back again and compare in the spring. We spotted some evergreen and deciduous trees. We did find some brambles and we did see a daffodil.



## Common woodland plants chart: Chart 1

Here are some pictures of the most common plants in a woodland. See if you recognise any when you visit the woods.



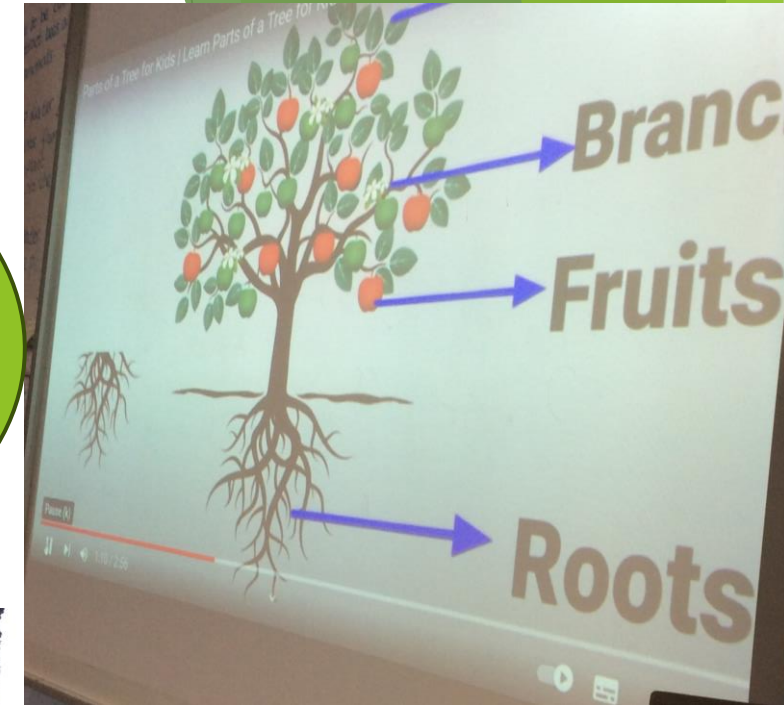


# What are the main parts of a tree called?

These look like the roots. They're way bigger than a plant's roots!



This is the trunk. It has bark on it to protect the tree. The trunk helps it to stand up, too.

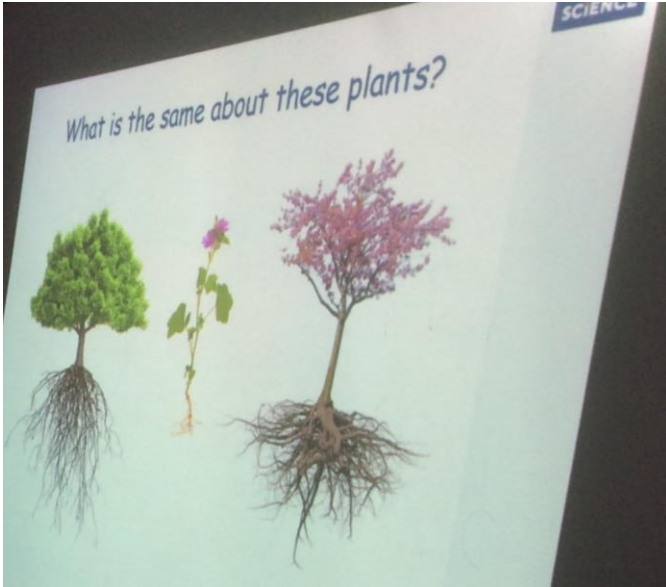


Hmm. The branches help the leaves to reach more sunshine.





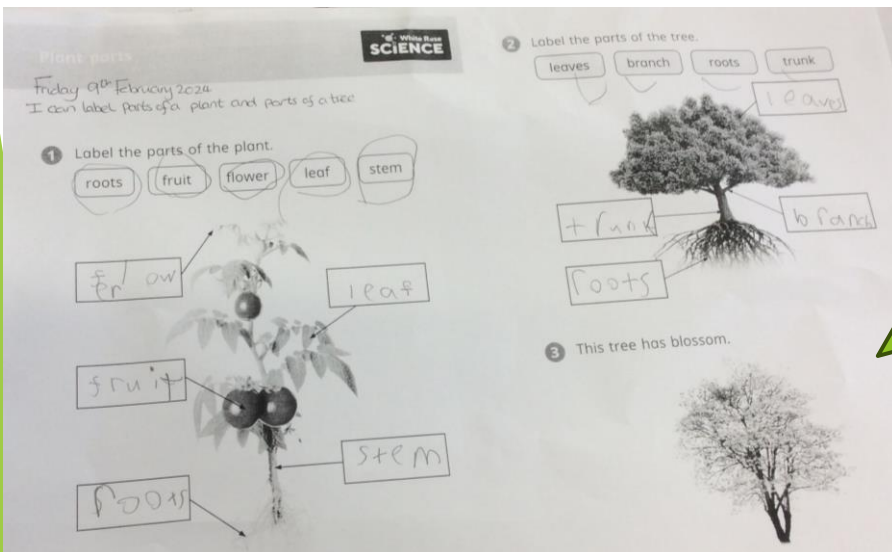
# So, what can we remember?



They all have roots but the plant has a stem and the tree has a trunk. But they do the same things, they transport water around.

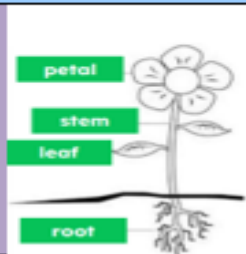


The fruit is good for animals and humans to eat. And when the animal poops it out, it spreads the seeds so more can grow.



The branches help the leaves to reach the sun because that's how they make food for themselves.



**What I have learnt before:**

- What plants need to grow – water and sunlight.
- Grown cress from a seed.
- Planted a pumpkin seed.

**Forever Facts**

Know the name of the different parts of a plant, including stem, root, petal and flower.

Know the difference between deciduous and evergreen trees.

Know the names of some of the plants that grow in the local environment.

**Skills**

Identity different parts of a plant.

Identify some common plants.

**Endpoint:**

I can create a poster labelling each part of a plant (year 1) and state what each part is for (year 2).

**Exciting Books****Personal Development**

- Children will learn to appreciate and care for their local environment.
- Jobs useful for: gardener, conservationist, scientist, Farmer, florist.

**Subject Specific Vocabulary**

Deciduous	A tree/plant that sheds its leaves annually.
Evergreen	A tree/plant that retains its leaves all year.
Petals	A petal is the colourful leaf-like ring around the centre of a flower.
Root	The part of a plant which attaches to the ground/support which takes water and nourishment to the rest of the plant.
Stem	The main body or stalk of a plant to support and keep it upright.
Flower	The seed-bearing part of a plant, typically surrounded by petals.