



# The Willows Primary School

## Growing Outside

Wednesday 3rd May 2023.

Weather: A lovely bright spring day.

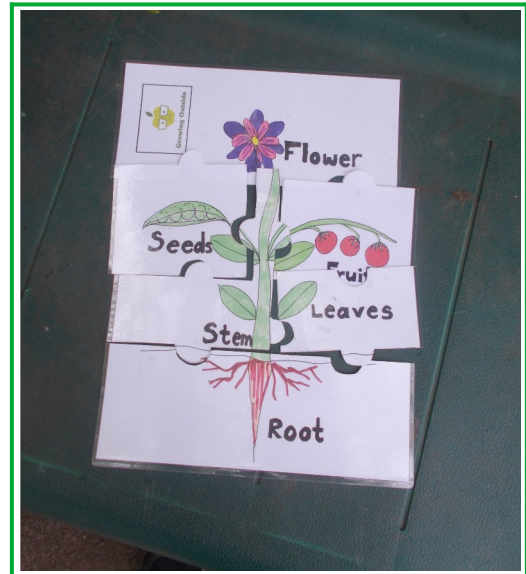
## **Growing Outside**

Children: Year 2.

### Parts of a Plant.

Today at Growing Outside Year 2 were in the Quad. The children were learning about the different parts of a plant, what they are called and what they do. Just like we have different parts to our bodies, eyes to help us see, hands and fingers to pick things up and noses to smell, plants also have different parts, each part helping the plant.

The children could already name the different parts **ROOTS**, **STEM**, **LEAVES**, **FLOWERS**, **SEEDS** and **FRUIT**. They also named a few more **POLLEN**, the plants need creatures such as bees and butterflies to move pollen from plant to plant, helping them to grow seeds. **BARK**, this helps protect trees and **PETALS**, the colourful pretty part of a flower. We discussed in more detail what the different parts do.



### Parts of a Plant.

**ROOTS** - Drink water and hold the plant steady in the ground.

**STEM** - Acts like a straw and sucks the water up from the roots to the rest of the plant. Also holds the plant upright.

**LEAVES** - Absorb energy from the sun and turn this into food.

**FLOWERS** - They are pretty to attract insects and birds, which help to pollinate the flowers. They will turn into seeds or fruit with seeds inside.

**FRUIT** - Fruit have seeds inside. To help protect the seeds. Also tastes good, creatures will eat it, the seeds can't be digested and the creatures will poop the seeds out, spreading the seeds far away from the original plant.

**SEEDS** - Seeds are the plants babies, they grow new plants.



Just to double check the children's knowledge I set them a challenge. They had to complete a small jigsaw which was labeled with all the different parts. This was no problem at all and the children completed them very fast! Well done.



The roots of plants are underground so it can be difficult to see what they can do. To

understand them a little better we did a quick experiment.



The children dipped strips of tissue into blue water. They watched as the blue slowly move up the tissue. This is how the roots work, they slowly suck up the water. If they did it fast they may suck up too much and damage themselves.

Next the children worked in the same small groups to make a 3D model of a plant. I gave each group a



tray of plant parts and a bucket of soil. The bucket had a



bamboo stick in the middle. The children realised this was the stem of the plant. They worked together to decide how and where to attach each part. It was fantastic to see everyone working as part of a team! The plants looked amazing!

After all the learning about plants it would be great to grow some too. The children planted sunflower seeds into small pots to take home. Many of the children knew the sunflower seed would need soil and water to grow. When the seedling appears it will need to go somewhere sunny and into a bigger pot, the bigger the pot the bigger the sunflower!



Well done year 2!

Dawn.