

Science – Plants

This term we will be looking at plants. Plants are living things just like you and me. They drink, eat, move and grow just like us. This is how we know they are living things.

This term we will be learning about different parts of a plant and their functions, what a plant needs to grow and identifying different plants in your garden or community.

You could even have a go at growing your own plant! If you do, keep a journal, and record the growth and any changes you see. What do you notice about your plant as it grows?



Week 1 1/06/20

Parts of a Plant

This film explores the different parts of a plant, including, stem, leaves, flowers and root. Listen carefully to the different parts of the plant and their functions.



https://www.youtube.com/watch?time_continue=26&v=bLhTgTwbYMI&feature=emb_logo

Tip

It's important to remember that not all plants are exactly the same.

Some have flowers. Some don't.

Some have a trunk instead of a stem.

Some we can eat and some we can't.

Task:

Draw your own flower and label the different parts. See if you can remember their functions.

Remember to label all of these plant parts:

- ✓ **Flower**
- ✓ **Stem**
- ✓ **Leaves**
- ✓ **Root**

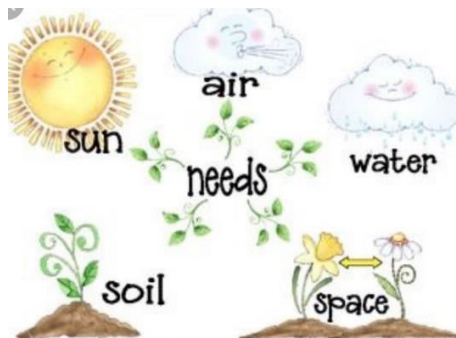
Week 2 08/06/20

What do Plants Need to Survive?

A plant needs five things to survive and grow.



For a plant to stay alive...
It needs 5 things. I would not lie!
It needs water so it can grow.
And it needs soil, just like so.
Plants need space, it can't be tight!
The sun helps plants by giving light.
Don't forget to give plants air!



Follow the link to hear and sing along to the Plant Needs song.

<https://www.youtube.com/watch?v=dUBIQ1fTRzI>

Task 1:

Ivy is back in her plant shop but there seems to be something wrong! It doesn't look like the plants have everything they need to survive and grow. Watch the video and see if you can spot the mistakes that have been made.



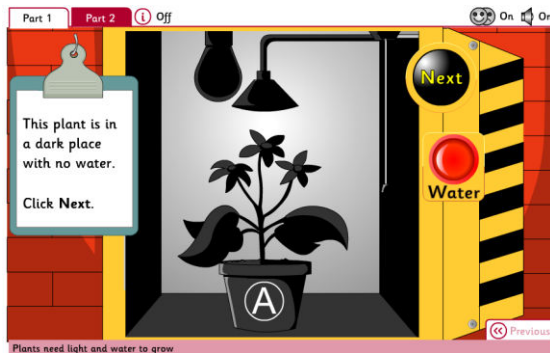
https://www.youtube.com/watch?v=RXVhiUnTA8&feature=emb_logo

Task 2:

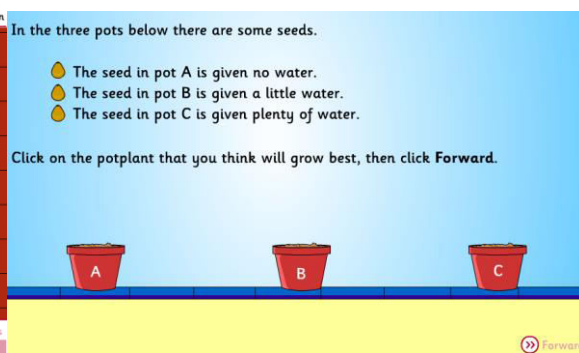
Follow the link and complete the interactive activities – part 1 and part 2. You need to look at the conditions of each plant and decide which plant will grow best.

http://resources.hwb.wales.gov.uk/VTC/plants_light_water_to_grow/eng/Introduction/MainSession.htm

Part 1



Part 2

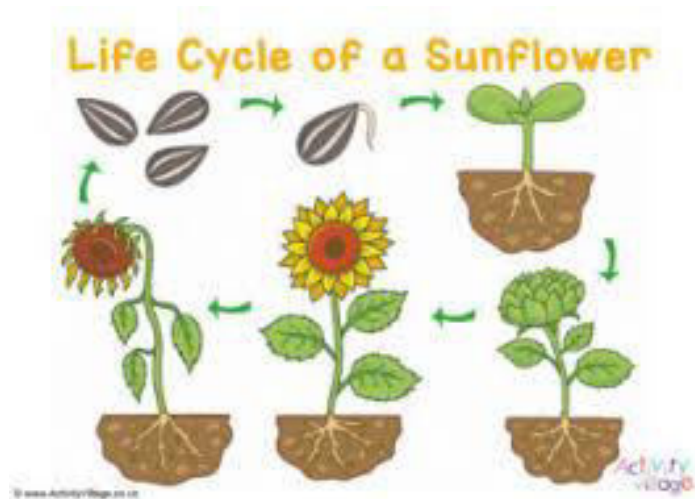


Week 3 15/06/20

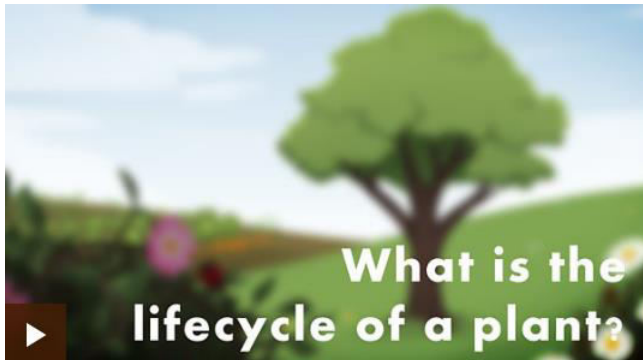
The Life Cycle of a Plant

Many plants grow out of **seeds** and **bulbs**. Seeds grow **roots** and **shoots**. Roots and shoots then grow leaves above ground.

Many plants make flowers, which turn into fruits. Flowers and fruits make their own seeds. We call this a **life cycle**.



Watch the video below to find out more about the life cycle of a plant.



<https://www.bbc.co.uk/bitesize/topics/zpxnyrd/articles/z2vdjxs>

Some plant seeds are spread by the wind. Find out how a dandelion's seeds are spread by the wind.



<https://www.bbc.co.uk/bitesize/topics/zpxnyrd/articles/z2vdjxs>

Test your knowledge of the life cycle of plants with the quiz directly below the video on the BBC Bitesize page.



What is the life cycle of a plant? Quiz

Test your knowledge of the life cycle of plants with this quiz.

[Play](#)

Week 4 22/06/20

Variations in Plants

Not all types of plant are the same. In fact, they are all different. There is a huge variety of plants. Some have flowers. Some have fruit. Some have stems and some have trunks.

Watch the video below to learn more about variations in plants.



<https://www.bbc.co.uk/bitesize/clips/zn89wmn>

Task:

Go on a plant hunt around your local community and see what you can find. **You can use the Plants and Flowers Checklist to help if you wish.**

On your walk:

- ✓ See how many different types of plants you can find during your walk?
- ✓ Look closely at some of the plants. What differences can you see?
- ✓ Think of some descriptive words about the plants, for example: green, gorgeous, big, spiky, hairy.

At home:

- ✓ Draw some of your favourite plant that you saw on your walk.
- ✓ Write your descriptive words next to them.
- ✓ Discuss the differences with an adult.

Week 5 29/06/20

Trees – Evergreen and Deciduous

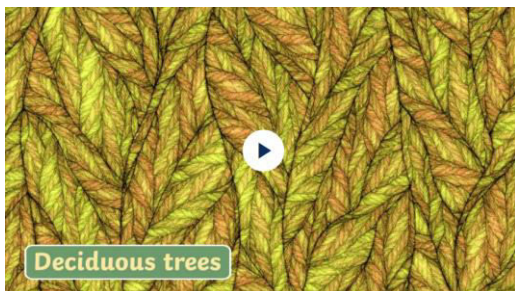
Compare these two pictures. What is the same about the flower and the tree? What is different? Are they both plants? How do you know?



You guessed it! A tree is also a plant. We know this because it has roots and drinks, eats and grows just like any other plant.

There are two different types of trees. **Evergreen** and **deciduous**. **Evergreen** is a plant that has leaves throughout the year and are always green. **Deciduous** plants completely lose their leaves during the winter or dry season.

Watch the video to see examples of evergreen and deciduous trees.



<https://www.twinkl.co.uk/go/resource/tgv2-sc-7-quick-facts-evergreen-and-deciduous-trees-video>

Task:

Collect some leaves while out on a walk or from your garden. Lay them out on the table and compare them. What is Different? What is the same?

See if you can identify the leaves and sort them in two groups – evergreen and deciduous. **Use the tree identification sheet to help you.**

Choose your favourite leaf and draw a picture of its tree. Label the different parts of the tree. Remember a tree is different to a flower. It doesn't have a stem. Instead, it has a trunk

which works in the same way as a stem to transport the water and nutrients from the soil to the leaves.

Week 6 06/07/20

Create Your Own Plant

Use your knowledge of plants to create a plant from materials from around your home. Use different materials to represent the different parts of the plant. Make sure you label the different parts. You could even share your plant on the school Facebook page.

Below are some examples:

