

WALT make detailed observations of the similarities and differences in a variety of leaves, and relate these to the function of leaves

WILF

- I can make observations about leaves.
- I can describe similarities and differences in leaves.
- I can describe the function of a leaf.

Health and Safety

- Avoid touching your eyes whilst handling plants.
- Always wash hands after handling plants, seeds or soil.
- Remember that attractive-looking fruits and seeds, especially those that look like edible ones might be poisonous.

Task 1

- When you go for your daily exercise please take a bag with you so that you can collect as many different types of leaves.
- Please note do not pick live leaves from plants.



Task 2

- Watch video clip about 'leaves the Food Machine'.

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



Task 3

In your work book look carefully and draw some of your leaves (if possible use a magnifying glass to help with your detail).
Make a list next to your drawings of all the things you notice about the leaf including colour, shape, texture, size and smell.



Task 4

Write a definition of a leaf underneath your last activity.

Now check your definition against a dictionary or Google definition.



Task 5 Exploring leaves

Look at, touch and smell the leaves in front of you. Say what is the same or different about the leaves.

Challenge:

Sort the leaves into groups. Think of a label for each group and then stick them in to your book with the appropriate label at the top of each leaf group.

How many different ways of grouping them can you find?

REFLECT AND REVIEW:

What helps the leaf to stay spread out?

The veins on the leaf help it to stay spread out as well as transporting water and other substances.

Why do you think many leaves are darker on top?

Task 6

- Watch video clip about 'What does a plant need to live?' (BBC Bitesize).



<https://www.bbc.co.uk/bitesize/topics/zy66fg8/articles/zcmtk2p>

- How many questions can you get correct in the 'What does a plant need to live quiz'.

