

Science Challenge - 29.4.20

Lifecycles

The different parts of this task make it suitable for all children. Pick the challenge that suits you best. You may wish to tackle one of the extension challenges too!

- ❑ Watch this lifecycle video, showing how a dandelion blooms then produces seeds so that new dandelions can grow. This is a YouTube video - please make sure an adult supervises as you view.

https://www.youtube.com/watch?v=UQ_QqtXoyQw

- ❑ Now show what you know! Have a go at either drawing the steps in the lifecycle of the dandelion, labelling pictures of the cycle using key science vocabulary, or produce a plant factfile, giving each step a label and a clear description using key scientific vocabulary.

These photographs show different steps in the cycle

<https://www.flickr.com/photos/kausha/5588650556/in/photostream/>

Include labels that show what you know about plants and how they reproduce and grow - roots, leaves, stem, bud, petals, seeds, germinate, disperse, flower, pollinate.

- ❑ Extension challenge 1 - The changes in the dandelion lifecycle are changes over time. Spring is a time of rapid, visible change. Keep a diary noting the changes you see outside each day - you could focus on one plant or tree, as with the dandelion, or write about what you see/ hear/ smell/ feel in one particular place such as a garden or hedge. You could include sketches, photographs, or even audio recordings to go with your written descriptions .

