



Science

Week Beginning 11.05.20

READY... STEADY... GROW...

Learning Intention:

- To carry out a simple experiment.
- To investigate what plants need to grow and survive.



Discussion:

What do plants need to grow and survive?

How could we test this out?



Activity:

You will need some seeds for this experiment.

Dandelions work really well (and they're free!)



You need to set up three versions of this experiment, the more seeds you can use the better, but you must use the same type of seed.

You will need: seeds

paper towel / kitchen roll

3 containers with lids, or bowls and cling film.

Method:



1. Put a paper towel / tissue in each container.
2. Sprinkle your seeds evenly over the paper in the containers.

Important: these steps are different for each container!

Container 1: Gently drip water on to the towel so that it is very damp. Put this container near a light windowsill. This is your *CONTROL* experiment. These seeds will be getting water and light.

Container 2: Gently drip water on to the towel so that it is very damp. Put this container in a dark place, like a cupboard. This will test what happens if your seeds only get water but no light.

Container 3: DO NOT put any water on this experiment. Put this container near a light windowsill. This will test what happens if your seeds only get light but no water.

Container 1 Control Water and Light	Container 2 Water No Light	Container 3 Light No Water
Prediction: (write or draw what you think will happen to the seeds)	Prediction: (write or draw what you think will happen to the seeds)	Prediction: (write or draw what you think will happen to the seeds)
<ul style="list-style-type: none"> • Check back daily to see what changes happen to your plants. • You can write or draw what's happened. • Include things that stay the same or change. Use a phone or tablet camera to get a good close-up. • Make sure your work is clear, neat and organised. 		

You may need to continue on to other paper.