



How does acid rain affect plants?

Required materials

- seeds (e.g. bean seeds or lentil seeds)
- 3 pots
- water
- vinegar
- pipettes (for the correct number of drops)
- soil

1. Questions before performing the experiment

1. What do plants need to grow?

2. Why is rainwater slightly acidic, while pure water is neutral?

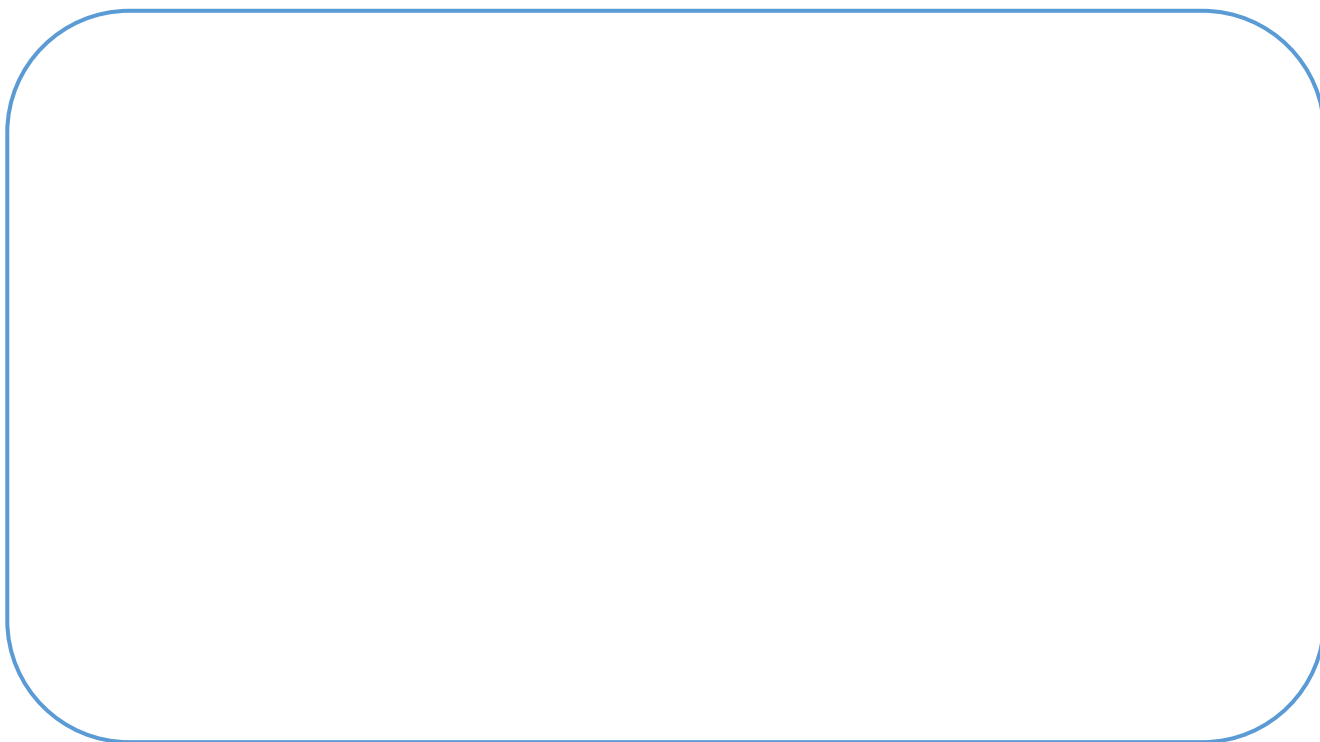
3. What do you think will be the effect of watering plants with an acidic solution?



2. Watch the first video and perform the experiment

Follow the steps outlined in the tutorial video.

Draw a diagram of your experiment in the box below.



3. Record your measurements

Start recording observations on the day we add the vinegar solution.

Date	Pot 1 Watered with:	Pot 2 Watered with:	Pot 3 Watered with:



4. Observations

Describe what happened during the experiment.

5. Reflect and discuss

List three things you can do to help combat atmospheric pollution in your everyday life.

6. Summary

Summarize the activity by answering the questions: why, what and how.

1. **Why** does acid rain occur?



2. **What** are the consequences of acid rain in plants?

3. **How** do we prevent acid rain?

