

Plant Growth

Question

Can a plant beat an obstacle course and grow towards what it needs?

Experiments:

To examine phototropism / how a plant will grow in response to light.

Materials:

You will need:

- 1 shoe box
- a baby potato
- compost soil
- cardboard
- scissors
- glue
- sellotape
- lots of obstacles!

Method:

1. Design and plan your obstacle course.
2. Plant the potato at one end of the shoe box.
3. At the other end cut a hole in the shoe box to let the light in.
4. Make your obstacle course.
5. Record and observe how the potato plant battles against the obstacle course.
6. Find out more!

A plant changes its growth in response to the things it needs. This is called a tropism. Plants grow in response to light. This is known as phototropism.