

egg box cress

A KS1 Activity

You will need:

- An empty egg box
- Potting compost
- Cress seeds
- Water

Science involved

This is a very simple cress growing activity, enabling children to see the pattern of growth in seedlings directly.

National Curriculum: KS1 Programme of Study

SC1 Scientific Enquiry, Investigative skills

3) Pupils should be taught:

h. to make simple comparisons and identify simple patterns or associations

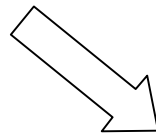
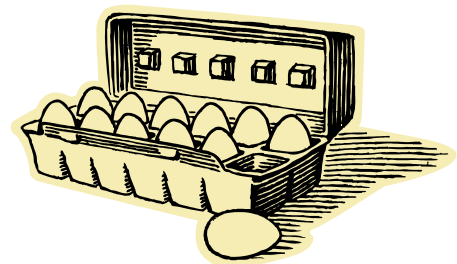
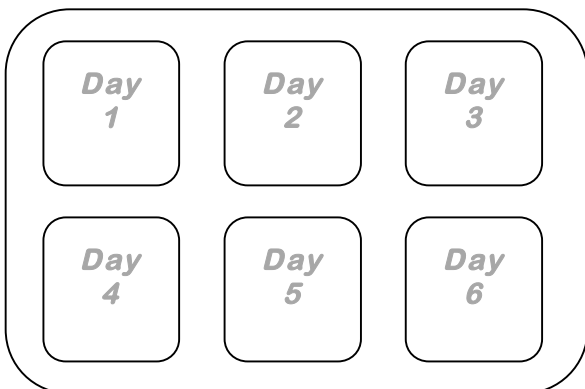
SC2 Life Processes, Green Plants

3) Pupils should be taught:

to recognise that plants need light and water to grow

Procedure

- Place compost in each egg cavity in your egg box (fill to about 3/4 full)
- On **Day 1** sow 10 seeds in the first cavity and cover with a thin layer of compost
- Add about 10ml (2 teaspoons) of water
- On **Day 2**, repeat the procedure for the second cavity, and so on . . .



Results and Evaluation

The result of this activity will be a **living graph**, showing how the height of the cress seedlings is directly related to the number of days of growing time.

Extensions

- A few days after cavity six has produced growing seedlings, each 'cavity height' could be measured and a graph plotted.
- Try two boxes, with one keep the lid closed
- Try different sized boxes
- Label the inside of the lid. Like a chocolate box
- Take a photograph to record a living bar chart
- With ten seeds, the average height can be found quite easily

