



SCIENCE OUTSIDE THE CLASSROOM

How watering influences growth

Recommended age group: 6-10 years

You will need:

Four paper cups
Pencil
Radish or carrot seeds
Measuring spoons
Soil

What to do:

Poke four holes in the bottom of the cups with the pencil and fill them with the soil to about 2cm from the top. Wet the soil slowly a little bit in each cup at a time until water comes out of the bottom of the cups. Place five radish or carrot seeds onto the soil in each of the cups and cover them with another centimetre of soil. Place them on a sunny windowsill to germinate and grow. The cups will need to be in a tray but separated enough so that water from one can't be absorbed by another. Once you see the seeds have sprouted begin to water the plants every two to three days using the following treatments:

Cup 1: one tablespoon of water

Cup 2: one teaspoon of water

Cup 3: ½ teaspoon of water

Cup 4: no more water

Which plants are growing best?

Why do you think this is happening?