

Plants: what do plants need to grow?

living-things

What you need: cress seeds (default for multi-day classroom test) · clear plastic cups or small plant pots · cotton wool or peat-free potting soil · water jugs and measuring spoons (two or three class stations) · sticky labels and pencils · dark card or foil covers for dark conditions

Words to use

Fair test · Factor · Observation over time

Our question

Does one chosen factor (light or water) change how healthy cress seedlings look?

I predict...because...

Sort these words into Change, Measure and Keep the same

amount of light · amount of water · how healthy the seedlings look · type of seed · amount of soil or cotton wool

Change – the ONE thing we change

Measure – the ONE thing we measure

Keep the same – to make it fair

What do both cups look like today, before growth?

Which one thing is different between them?

What will you look for when you check over the coming days (greener or paler, sturdy or floppy, number of green shoots)?

