

GARDEN IN A JAR



PROFESSOR PETE'S intro...

Background Information:

Learn about seed germination with this fun science experiment for kids. Plant some seeds and follow the growth of the seedlings as they sprout from the soil while making sure to take proper care of them with just the right amount of light, heat and water. Have fun growing plants with this cool science project for children.



Step 1: Collect your equipment...

- Fresh seeds of your choice such as pumpkins seeds, sunflower seeds, grass, pea or cress seeds.
- Good quality soil (loose, aerated, lots of peat moss), if you don't have any you can buy some potting soil at your local garden centre.
- A glass jar to hold the soil and your seeds.
- Water.
- Light and heat.

Step 2:

- fill the glass jar with soil or potting compost.
- plant the seeds inside the soil.

Step 3:

- place the glass jar somewhere warm.
- sunlight is good but try to avoid too much direct sunlight. A wind sill is a good spot.
- keep the soil moist by watering every day - don't water too much!

Step 4:

- record observations as the seeds germinate and as seedlings begin to sprout from seeds.

PROFESSOR PETE SAYS...

Hopefully after a week of looking after them, your seedlings will be on their way. Germination is the process of a plant emerging from a seed and beginning to grow. For seedlings to grow properly from a seed they need the right conditions. Water and oxygen are required for seeds to germinate.

