

How do seeds grow?

Brief summary:

In this experiment you will plant seeds in a plastic bag and watch them grow.

You will need:

- Paper towel
- Pencil
- 3 different seeds, for example corn, beans, radish
- Stapler
- Ziplock plastic bag
- Water

What to do:

Step 1. Take a piece of paper towel and fold it in half. Using a sharp pencil, make three small holes along the fold of the towel, equally spaced apart.

Step 2. Place the seeds over the top of the holes.

Step 3. Fold the paper towel back, stapling up the side to make a pouch.

Step 4. Place the paper towel into a ziplock bag and pour a small amount of water into the ziplock bag (the paper towel should end up damp). Leave the bag open.

Step 5. Hang your experiment on the wall in a bright location, but not in direct sunlight.

Step 6. Watch over the coming weeks as the seeds germinate and begin to grow.



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Take it further:

1. Plant seeds in different types of soil (different ratios of compost to soil, or use sand, or different types of soil around from your garden) to see which types of soil result in the fastest seedling growth.
2. Plant seeds in soil and water with either a). different quantities of water or b). different types of liquid (water, milk, orange juice, coffee) to see how seeds respond.

Have a look at our other plant experiments: *Potato shoots* and *Talk to your plants!*

Big questions:

- In what ways do animals need plants?
- In what ways do plants need animals?
- Why do people need plants?



For more information on how you can help our environment, or to make some suggestions of your own, please go to www.coolaustralia.org