

# Mini Worm Farm Experiment

## Materials

- Empty 2-litre plastic bottle
- Cling wrap
- Soil or potting mix
- Sand
- Dead leaves
- Food scraps
- Around 8-10 worms from your garden or composting worms (available from your local nursery)
- Half a cup of water
- Black paper



## Equipment:

- Hammer
- Nail
- Stanley knife
- Sharp pencil
- Sticky tape

## Method

1. Cut the neck off your 2-litre plastic bottle using the Stanley knife.
2. Make four small holes in the base of your plastic bottle for drainage using the hammer and nail.
3. Place a 3cm layer of soil or potting mix in the bottom of the bottle.
4. Add a 3cm layer of sand on top.
5. Repeat, alternating between sand and soil until the bottle is 2/3 full.
6. Add half a cup of water.
7. Place the dead leaves on top of the soil.
8. Place a layer of food scraps on top of the dead leaves.
9. Gently add the worms.
10. Cover the top of the bottle with cling wrap and use a sharp pencil to poke some holes in the top.
11. Wrap and stick the black paper around the sides of the bottle using sticky tape.
12. Place the bottle in a cool, very shady spot. Add three teaspoons of water each day to keep the soil moist.
13. After 10 days, remove the black paper from the bottle and closely observe what has happened.
14. Carefully place the worms back where you found them.