



Food waste emissions experiment

You will need

- A clean empty bottle with its lid
- Ingredients to make compost (2:1 browns and greens)
- A label and pen

Browns are things that are dry and full of carbon e.g. dead sticks, twigs, cardboard.

Greens are things that have moisture in them e.g. vegetable peelings, grass cuttings.



Method

- 1. Chop up all your ingredients to increase their surface area
- 2. Put twice the amount of browns to greens into the bottle
- 3. Add a teaspoon of soil to add some microbes
- 4. Put the lid and date on the bottle
- 5. Draw a line around the bottle to show the top of the ingredients
- 6. Place on a sunny windowsill
- 7. What do you expect to happen? What about changes that may not be visible? How will you observe these? *Observe and record.*
- 8. Dispose of your experiment materials e.g. clean and recycle the bottle, add the compost to soil outside.

