Mini Ecosystem in a Bottle

You will need:

- a transparent plastic drinks bottle or jar with a lid
- soil
- grass seeds
- a variety of seeds e.g. bean seeds, or mixed seed packet
- · sticky tape

Method

- 1. If using the drinks bottle, cut the neck of the bottle off, just as it widens to the width of the bottle. Cut carefully as plastic can be sharp.
- 2. Fill the bottle about 10cms deep with soil. Try not to press it in.
- 3. Plant the bean seeds approximately an inch into the soil.
- 4. Plant some of the other seeds, leaving the grass seed until the end.
- 5. Lightly sprinkle some of the grass seeds over the surface of the soil.
- 6. Lightly cover them with soil.
- 7. Sprinkle water over the soil. Try not to soak it through but make sure the water trickles to the bottom of the bottle.
- 8. With the cap attached to the top of the cut off bottle, turn the top upside down and place, like a funnel, inside the bottle.
- 9. Seal the edges with the sticky tape.
- 10. Place in a warm sunny place and observe what happens. Record your observations on the Mini Ecosystem Recording Sheet.

Note: If you are using a jar with a lid, at Step 2 fill the jar with the soil and when complete, screw the lid on at Step 8. Be careful when handling glass.









