



## Outdoor Box - Wiggly Wormery

This activity is for Scouts  
but any section or leaders  
could take part too !

### What you need:

- 2 Litre clear plastic bottle
- Scissors
- Black paper
- Compost or soil (or a mixture of both)
- Sharp sand
- Water spray & water
- Worms (found in the garden)
- Worm food - grated carrot, vegetable peelings, dead leaves & shredded newspaper (no onions or citrus fruits)



### How to make it:

1. Cut the top  $\frac{1}{4}$  off the bottle, and this will then become a lid for the wormery.
2. Fill the bottle with alternating layers of sand, soil, sand, compost, sand etc. Spray each layer with water so that it's damp but not soggy.
3. Collect two or three worms from the garden, add them to the top of the bottle and then watch them burrow down into the soil and sand mixture. Make sure you wash your hands well after handling the worms and soil.
4. Add some "worm food" to the top of the bottle.
5. Wrap the black paper around the bottle as worms like to live in the dark, but you can remove the paper to view how the worms burrow around the bottle.
6. Place the wormery in a warm place, but remember to check regularly that the worms have fresh food and the contents of the bottle is kept damp, but not soggy.
7. After a maximum of four or five days, release the worms back into your garden.

### Take it further:

You could make a chart to monitor how much food the worms eat and also to record the activity that you observe in the wormery every time you remove the black paper to check on the worms.

What foods do the worms eat most of, what effect does different food have on the worms ?

### Safety Notes:

**Scissors / Sharp Objects:** Supervise young people appropriately when using scissors. Store all sharp objects securely, out of the reach of young people.

**Gardening and Nature:** Wash your hands after the activity has finished and wear gloves if needed.