

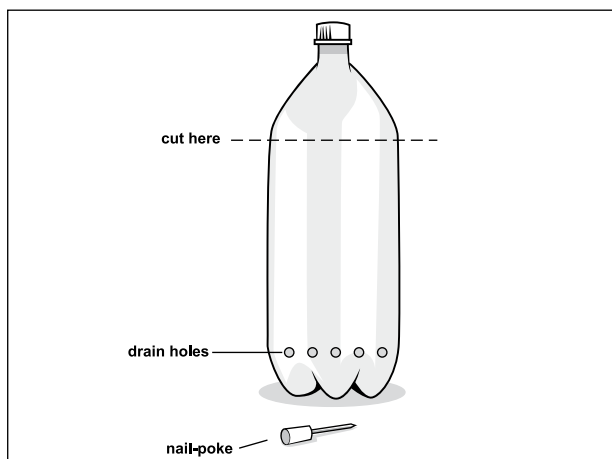
How to make an earthworm viewer

Equipment

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| <ul style="list-style-type: none"> • 1 empty 2L clear plastic drink bottle • 1 empty 500mL plastic drink bottle • 1 saucer • scissors • 1 marking pen • 1 nail and cork for nail-poke • candle and matches • water | <ul style="list-style-type: none"> • gravel • soil • sand • grass clippings or dead leaves • 12–15 earthworms • 1 black plastic bin liner • spray bottle with water |
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Steps to make an earthworm viewer

- 1 To make a nail-poke, push the head of a nail into a cork.
- 2 To use the nail-poke, heat the point of the nail over the candle flame. Push the hot poke into the plastic bottle to make drainage holes.
- 3 Cut the top 10cm off the 2L plastic bottle and poke a ring of drainage holes about 2cm from the bottom. Place on tray or saucer to catch drained liquid.
- 4 Half fill the 500mL plastic bottle with water and stand it inside the 2L bottle.
- 5 Put a layer of gravel into the space between the two bottles up to the drainage holes.
- 6 Arrange the soil and sand in 2cm layers until the bottle is almost full, starting and finishing with a soil layer. Moisten each layer with water from the spray bottle.
- 7 On the outside of the bottle, mark the layers with a marking pen.
- 8 Add a layer of grass clippings and chopped up dead leaves. Moisten the layer with the spray bottle.



Where to poke holes in the earthworm viewer



Completed earthworm viewer