



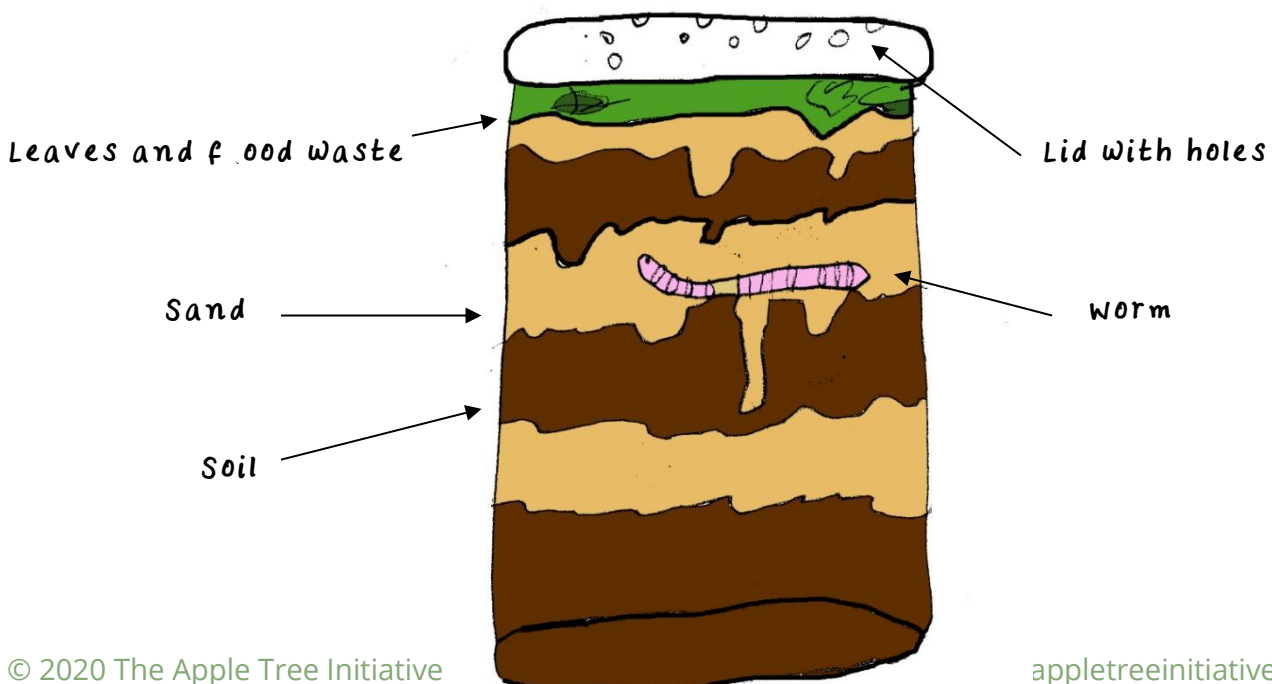
## Wormery and worm science!

We have made a video for you to watch to show you how to make your very own wormery to keep at home. A wormery is a container into which you put worms and waste food so that can watch the worms as they move around and make the waste into compost which can be used as plant food! It's really simple, all you will need is:

- ♻️ A plastic container with a lid that fits.
- ♻️ Some soil
- ♻️ Some sand
- ♻️ Some leaves and or food waste
- ♻️ Some card and black tape or thick fabric (to stop the light from disturbing the worms as they like it cool).
- ♻️ A spade. This is for the really fun bit, digging up some worms. Try to be really careful as to not hurt or injure the worms as they are living creatures too.
- ♻️ A sharp tool that can make holes in the lid, please ask your parent or guardian to help you with this.

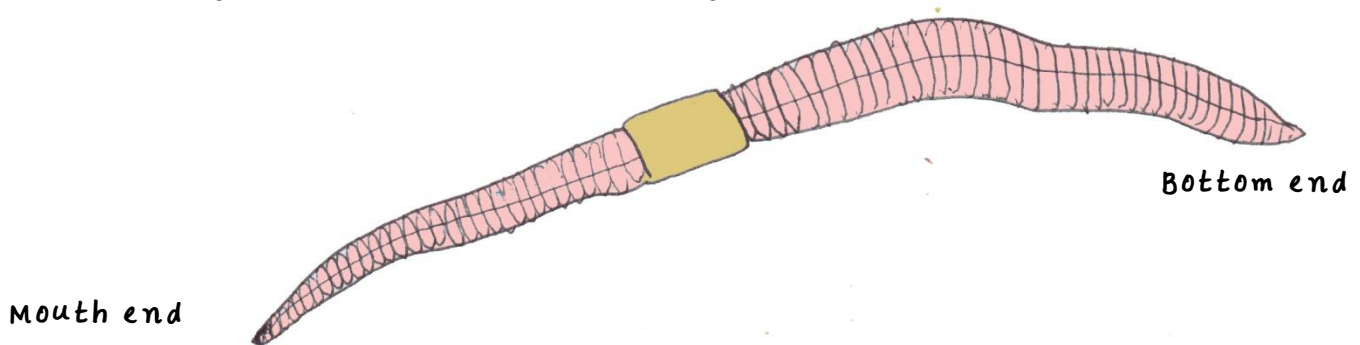
See Evie's diagram below.

If you make a wormery please keep it in a cool and dark place. You can then look to see how your worms are enjoying their now home. If you look carefully can you see your worms making burrows? What do you notice about the sand and soil layers? Please share any of your wormeries with us by email or social media as we would love to see them!



## Worm science.

A worm is a type of animal called an **invertebrate** which generally means it does not have a **backbone** like us humans and other mammals. It belongs to a group of animals called **annelids** this group also includes animals like ragworms and leeches. Most annelids have bodies which are clearly made out of segments. See the picture below, and maybe look at one of your worms that you have collected, can you see the segments? If you look really closely you might even be able to see tiny little bristles on the worm's body!



### Here is a worm quiz for you to try and find out more!

- 1) If they have no arms or legs, how do you think worms move about? See diagram below to help you.
- 2) What do you think worms eat? (clue on the last page)
- 3) How do you think worms breathe?
- 4) What senses do you think worms have?

#### Why are worms good for our soil?

##### Fun facts!

- 1) They drag air down into the soil.
- 2) Wee and poo from the worms helps the soil become more nutritious for the plants.
- 3) Their burrows create natural drainage for water to flow through the soil.
- 4) They mix up the soil layers, which is good for the plant food they make (see if this happens by watching what happens in your wormery!)

