



Science investigation- what do earthworms do underground?

What you will need;

- Large glass jar
- Sand
- Potting soil
- Dark coloured card/paper
- Sticky tape
- 3-4 big, healthy earthworms
- Water

Activity:

1. You are going to create a layered effect in the jar using sand and soil. Start by pouring about 1 inch of sand into the bottom of the jar. The alternate between 1 inch layers of sand and soil until the layers reach the top of the jar.
2. Pour some water on top of the layers and then put the earthworms on top
3. The worms should start to burrow downwards straight away.
4. To keep the inside of the jar dark, stick your dark paper/ card around the outside of the jar.
5. Leave the top off the jar so the worms get some air.
6. Leave the jar for 3-4 days then pull the paper off.
7. Have the worms moved through the jar?
8. Can you see the layers of sand and soil? As the worms have travelled they have mixed all the layers together.
9. Remember to return the worms back to their natural habitat after being in the jar for about a week.



Remember to take photos and send them to your teacher!