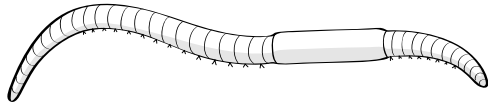


Testing Earthworm Behavior



Work with your group to design an experiment. The experiment should test how earthworms react to light or to moisture. You could try one of these experiments or create one of your own.

- Find out if earthworms prefer light or dark places.
- Find out if earthworms prefer moist or dry places.
- Find out what earthworms do if the soil gets too soggy.
- Find out what earthworms do when you shine light at them.

1 Write a question that you can test.

2 Write a hypothesis. The hypothesis should tell what you think the earthworms will do.

On a separate sheet of paper, write your experiment design.

- Identify the variables in your experiment. Which will be the independent variable? Which will be the dependent variable? Which variables will you control?
- Write the procedure you will use.
- Design a way to record your observations. You could use a chart or diagrams.
- Do your experiment. Record your results. Did the results answer your question?
- Write a lab report of your experiment.