

# Look at Life

## Procedure

- 1. Collaborate** Work in a small group. Measure 500 mL of soil in the beaker. Pour the soil into the terrarium. Spread a thin layer of organic matter over the soil. Add earthworms and a handful of food scraps, such as apple peels, to the terrarium. **Safety:** Wash your hands after setting up the terrarium.
- 2. Predict** Add water to one side of the terrarium until the soil is slightly wet. Predict how the earthworms will react to the water. Write your prediction below. Loosely place the lid on the terrarium. Place it out of the sunlight.  

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- 3. Classify** Using the chart below, classify the things in the terrarium as living or nonliving.

Terrarium Ecosystem	
Living Things	Nonliving Things

- 4. Observe** Each day for one week, carefully observe the earthworms and their environment.

**5. Record Data** Write your observations on the lines below. Include the time and day of each observation.

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## Conclusion

Write the answers to the questions.

**1. Observe** What interactions did you observe between the earthworms and their environment?

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**2. Infer** Based on your observations, what do earthworms need to survive?

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## Investigate More!

**Design an Experiment** Predict whether earthworms grow largest in fine, coarse, or rocky soil. How could you test your prediction? Run an experiment with your teacher's approval.

