



SEDIMENT JAR (1 of 2)

 10-30 minutes + waiting time + questions and journal time

 Follow all safety instructions from LearnLibre.com during the experiment.

Watch Lesson



Before the Experiment

Find a safe and appropriate place to do the experiment, get any safety equipment you will need, and gather your materials on a tray.

Materials

- Dirt
- Jar or bottle with lid
- Water

Procedure

1. Fill your jar halfway with dirt. The more different materials in your dirt, the better.
2. Fill the rest of your jar with water.
3. Shake the jar to mix the water and the dirt.
4. Put the jar down and observe what's happening inside. Write notes or draw a picture to describe what it looked like.
5. Make a prediction: what will the jar look like if you leave it to sit?
6. Leave the jar for 10 minutes, then 1 hour.
7. Each time you check the jar, write notes or draw a picture to describe what it looked like. Then, make a prediction about what it will look like the next time you check it.

Questions

1. What did your jar look like right after you stopped mixing it?
2. What did your jar look like after 10 minutes?
3. What did your jar look like after 1 hour?

SEDIMENT (2 of 2) JAR

Questions (continued)

4. Can you explain why your jar looked the way it did?
5. Can you make any connections between your jar and a river, lake, or pond?



See answers by scanning the QR code at the top of the 1st page.

Clean-up

Wash and dry any tools you used, put materials back where you got them from, clean your work station.

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