

# Simply Sediments

Name \_\_\_\_\_

## Part 1: Create a sediment bottle!

1. Use a plastic bottle (1 liter or smaller) and sediments from your community to create a sediment bottle. Don't fill the bottle more than halfway full with sediments. What types of sediments did you find?
2. Add water to fill up the bottle to within one inch of the cap. Screw on the cap tightly! Use a permanent marker to write your name on the cap.
3. Shake and observe! Describe your observations in the space below.

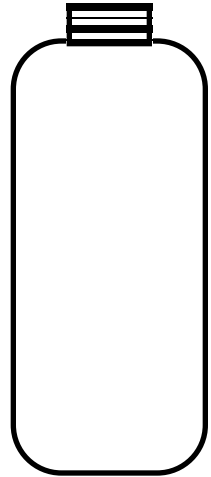
## Part 2: Experiment!

4. After your sediment bottle has been allowed to stand undisturbed overnight, what do you observe?

(a) Draw and label what you see on the diagram of the sediment bottle.

(b) Describe your observations.

(c) Predict what will happen after your sediment bottle is allowed to sit undisturbed for one week.



5. Which types of sediments float? Which ones move along the bottom?
6. If you were to continue moving the bottle for a long time, what would happen to the large sediments?
7. Would you find fossils in sedimentary rocks? Why or why not?