



Create a Sediment Bottle

Name _____ Date _____

Create a sediment bottle using leaves, sticks, rocks, dirt, and water

Materials needed: *clear 2-liter bottle with cap, spoon, dirt, leaves, small sticks, rocks of various sizes, and water.*

- 1 Fill a clear 2-liter bottle about $\frac{3}{4}$ full with water.
- 2 Spoon the dirt, sticks, leaves, and rocks, into the bottle.
- 3 Cap the bottle and shake. Notice how the water gets cloudy.
- 4 Set aside and do not disturb the bottle.
- 5 Observe contents after 1 min., 15 min., 30 min., 1 hour, 1 day.

Record Observations

1. Which items float to the top?

2. Which items sink to the bottom?

3. What caused the items to settle?

4. What happened to the sticks?

5. What do you think happens if lots of these items fall into the river?

6. Why do you think the Mississippi River is called the Big Muddy?
What makes it unique?
