

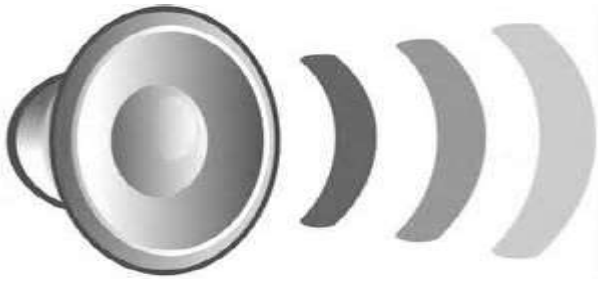
River Rock Shake-Up Bottle

Shake the bottle and observe things settling.



In what order did the rock settle?

Explain why you think they settled in that order.



Make rock instruments.

- Step 1 Put a small amount of gravel in one container, sand in another, and pebbles in another.
- Step 2 Shake the containers to make music.
- Step 3 Draw and label pictures of your instruments.

Instrument #1

A large, empty rectangular box with a black border, intended for drawing a picture of Instrument #1.

Instrument #2

A large, empty rectangular box with a black border, intended for drawing a picture of Instrument #2.

Instrument #3

A large, empty rectangular box with a black border, intended for drawing a picture of Instrument #3.

Describe the sounds.

Instrument #1 _____

Instrument #2 _____

Instrument #3 _____

How are they different?

How are they similar?

Sand Exploration Station

What can you do with sand?

Try molding dry sand. What happens? _____

Try adding a little water to one vial of sand. Now try molding wet sand. What happens? _____



Try pouring your dry sand from one vial to the other. What happens? _____

Try pouring your wet sand from one vial to the other. What happens? _____
