

Name: _____

Erosion Lab

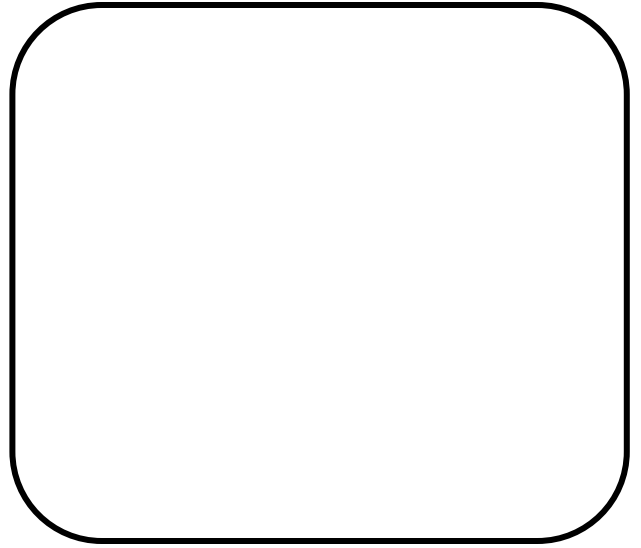
1. Pour some sand into a pan so that it makes a layer 2 to 3 inches deep. Smooth the sand and pat it down so that it is as even as possible on the top.
2. Examine the sand closely. What does it look like?
3. Using sand, create some landforms in the middle of the pan. Draw a picture and label what you see.



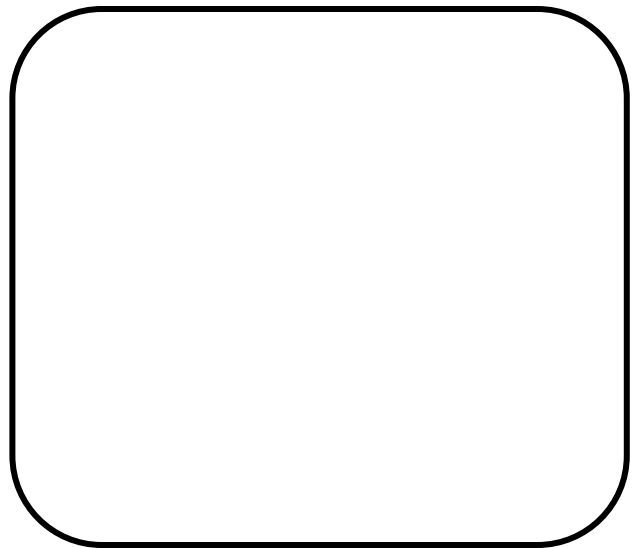
4. Slip 2 or 3 books under one end of the soil-filled pan so that it is propped up on one end.
5. Tape a ruler to across the pan towards the top, leaving a few inches uncovered by the end.
6. Take a cup and poke a hole in the bottom. Sit it on top of the ruler so the hole is directly over the sand and tape it to the ruler.
7. Draw a picture and label what your pan looks like in its current state.



8. Fill the cup up with water and wait for all the water to drip into the tray. What do you think will happen? Explain and draw a picture.



9. After the all the water drips out of the cup, what do you observe? Explain and draw a picture.



10. What might happen if next time if you were to dump a whole cup of water all at once instead of letting it drip slowly?
