

Name: _____ Date: _____ Class: _____

Activity Post-Evaluation

1. Describe capillary action in soil using the concepts of adhesion and cohesion.
2. Where do you see capillary action in the real-world? Give at least two examples.
3. Christopher caught a stomach virus and threw up in science class. Using the concept of capillary action, which type of sand is the best to use to clean up the mess: coarse, medium or fine? Explain your choice.
4. Which item absorbs water faster: a cotton ball or paper towel? Explain
5. Mateo walked into the Soil Mechanics Lab when he noticed about two inches of water covering the floor of the lab. It rained over the weekend and the lab flooded. Then he noticed that all the expensive equipment in cardboard boxes was water damaged. Mateo wondered how the water completely soaked the boxes that are 10 inches tall while the water on the ground is only two inches deep. *Where did the extra water come from?* Using your understanding of capillary action, help Mateo solve this mystery by explaining what happened.