Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Materials:  Soil Types: baking soda (white) and sand  Food Coloring: Pollution from chemicals  Linker Cubes: Houses (8 per group)  Water  What are you observing? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Pollution, Water Movement/Speed, House Placement, Soil Type)  What is your prediction about what you are observing? What will happen when the water comes down? | |
| **Set Up (Before Rainfall)** | **After (After Rainfall)** | |
| Observations  *Use words and drawing.* | Observations  *Use words and drawing.* | |

**Group Debrief**

*Discuss observations and changes/improvements that you will make for the next test. Write your ideas here. What ideas do you have about reducing the impact of flash flooding or heavy rainfall?*