

Student Sheet

**Name:** \_\_\_\_\_ **Period:** \_\_\_\_\_

**Title:**

**Background Research:** (What is cohesion, adhesion, capillary action, heat capacity, and dissolving properties)

**Problem:** (What are you trying to figure out?)

**Experiment Design:**

Independent variable (what you are changing):

Dependent variable (how you will measure it):

Materials:

Lab Set Up Diagram:

**Hypothesis:** (If . . . Then. . .)

**Procedures:**

- 1.
- 2.
- 3.
- 4.
- 5.

**Data:**

Quantitative:

Qualitative:

**Analysis/Conclusions:**

1. What is the answer to your problem that you started with?
2. Explain how your results relate to your hypothesis?
3. What is another experiment you could perform to test your hypothesis?
4. What were 2 errors in your lab?
5. What are 3 conclusions you can draw from performing this experiment?

