**Scientific Method Assignment**

Name: Period: Date:

Objectives: I will be able to…

* list the 5 steps of the scientific method.
* practice using the first *three* steps of the scientific method by creating an observation, problem and hypothesis.
* create a materials list and detailed procedure that another person could accurately follow.

1. What is the scientific method?
2. Write the 5 steps of the scientific method in order.

Today, we are going to practice the first three steps of the scientific method. For each situation below, state a problem and form a hypothesis.

\*\*\*The problem always ends in a question mark (?) and the hypothesis always ends in a period (.).

**Example: Observation: Juan is trying to grow plants.**

**Problem: Will Juan’s plants grow better if he puts them in the sun?**

**Hypothesis: If Juan puts his plants in the sun, then they will grow better.**

1. Observation: Students are late to class.

Problem:

Hypothesis:

1. Observation: Students are always tired in first period.

Problem:

Hypothesis:

Now fill in your OWN observations:

1. Observation:

Problem:

Hypothesis:

1. Observation:

Problem:

Hypothesis:

1. Observation:

Problem:

Hypothesis:

1. Write all materials and steps needed to make a PB&J sandwich. Be exact, pretend like you are writing to someone who has NEVER made a PB&J before. Remember DETAILS!

**Materials for PB&J:**

**Procedure for PB&J:**