

## 5.1 Vocabulary Homework

### Tuesday

Hypothesis

\_\_\_\_\_ An educated guess based on observations; can be tested.

Conclusion

\_\_\_\_\_ A summary based on evidence or facts.

Observation

\_\_\_\_\_ The process of obtaining information by using the five senses.

Inference

\_\_\_\_\_ A logical explanation based on observations; each person has their own perspective.

Qualitative

\_\_\_\_\_ Observations based on data; can be expressed using numbers such as length, mass, temperature, distance, and time.

Quantitative

\_\_\_\_\_ Observations or data that describe the qualities or characteristics of something.

### Wednesday

Hypothesis

*Read the statements below and determine which of the vocabulary words each sentence represents.*

Conclusion

1. \_\_\_\_\_ blue/green color, gold frame

Inference

2. \_\_\_\_\_ 672 students

Qualitative

3. \_\_\_\_\_ Our hypothesis was correct- plants will die if not watered.

Quantitative

4. \_\_\_\_\_ If you drop an egg from a height of 10 feet, then it will crack open.

5. \_\_\_\_\_ Based on the footprints being jumbled up and only one set walking away, the predator must have conquered its prey.

### Thursday

*Write 3 observations about the picture below.*



- 1.
- 2.
- 3.

Write an inference about the picture.

1.