

Name: _____

Conducting Science Investigations

SOL 3.1

- 1) As you walk around the Izaak Walton park, I want you to observe your surroundings. Look at the plant life. Smell the flowers. Hear the birds chirping. Touch the tree stumps. What does it mean to **observe** something?

- 2) An **inference** is an idea you get to explain something. Look at the different fish in the pond. Some fish are bigger while others are smaller. Make an inference about why you think this is so.

- 3) A **prediction** is what you think will happen in an investigation. I want you to predict what would happen if all of the aquatic plants in the lake died.

- 4) If you were to conduct an experiment in which you removed all of the aquatic plants in an environment, you could make a **conclusion**. What is a conclusion?

- 5) What is the difference between a **prediction** and a **conclusion**?
