

A Lemon of a Lesson activity sheet

Part I

Each student will choose a lemon from the bowl. **Study your lemon.** Make as many **OBSERVATIONS** of your lemon as you can (for example its measurements, its smell, its shape...). You may even want to make drawing of your lemon.

DO NOT MARK YOUR LEMON IN ANY WAY!!!

Make a list of your observations below. Be as detailed and descriptive as possible.

1) _____ 6) _____

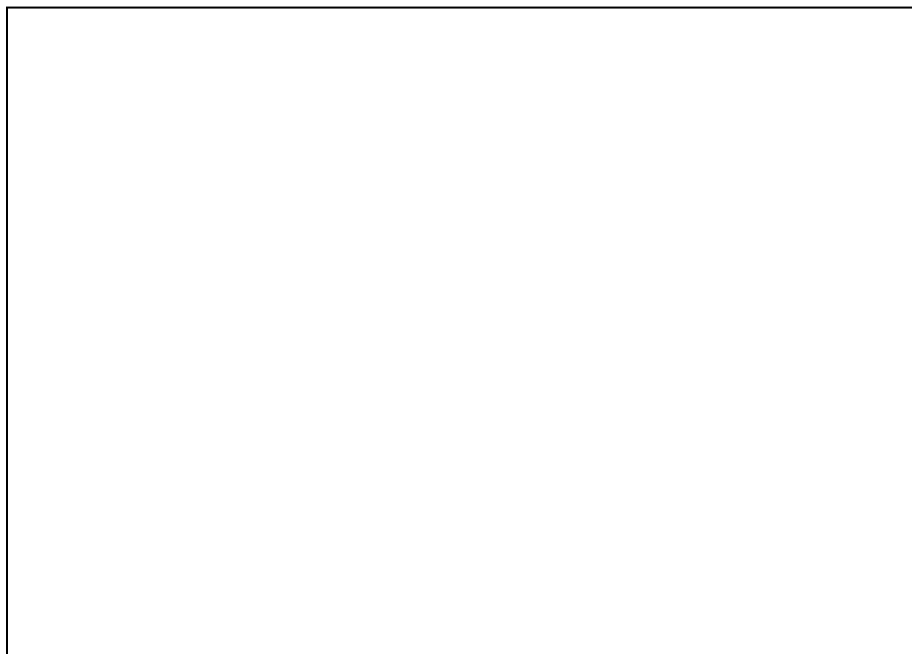
2) _____ 7) _____

3) _____ 8) _____

4) _____ 9) _____

5) _____ 10) _____

Sketch:



Part II

Find a neighbor close to you to work with and exchange your list of observations with your partner. Next, using your partner's list of observations, try to find his or her lemon. You can only use the observations; your partner can not help you in any other way.

Part III

Once you have found your partner's lemon be sure to get your list of observations back so that you can work on the following questions.

1. In Part I, how did you make your OBSERVATIONS? What did you do to gather the information that you recorded? (Be specific).

2. What instruments did you use to extend your senses?

3. In Part II, were you able to find your partner's lemon? Explain why or why not. What was it about your partner's OBSERVATIONS that made the lemon hard or easy to find? (Be specific).

4. Suppose you had to explain why OBSERVATIONS are so important in science to a younger student. What would you say?