

Name:

Date:

Class:

Exploring a Phenomenon - Part 1 Worksheet

1. Have one member of your group obtain the following supplies:
 - a. 1 roll of Teflon (PTFE) tape
 - b. 1 pair of scissors
 - c. 1 magnifying glass
 - d. 1 dropper filled with pure water
 - e. 1 dropper filled with soapy water
2. Cut off a strip of Teflon tape about as long as your finger.
3. Lay the strip of Teflon tape flat on your table.
4. Put one drop of water on the left half of your strip of Teflon tape.
5. Put one drop of soapy water on the right half of your strip of Teflon tape.
6. Use the magnifying glass to get a close look at each drop.
7. Discuss your observation as a group.
8. Record your observations in the space below:

Drop of pure water observations	Drop of soapy water observations
Use words and/or drawings.	Use words and/or drawings.

Turn this sheet over

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9. Write at least three things you are wondering about (questions) based upon your observations of the drop of pure water and the drop of soapy water in the space below:

Three questions about the drop of pure water and the drop of soapy water