

Unit 1

Name:

Date:

Pre-Assessment: Classroom Chemistry

Ask Yourself: What do I already know about chemistry?

Complete the Frayer Model below.

(/8 marks)

Classroom Chemistry	
What is a mixture? What are two examples of mixtures?	What is unique about water? Why is it so important?
What items around you are acids? What items are bases?	How can you tell that a chemical reaction has occurred?

Need a hint?

1. Watch the videos on the online pre-assessment page.
 - A. When you **mix (combine)** two or more pure substances together and they **keep their chemical properties**, the result is a mixture. Can you think of mixtures of two or more substances?

- B. Why is water important for your survival? In what states of matter can you find water in nature?
- C. Acids taste sour. What fruits do you eat that are sour? Bases taste bitter. Is there anything that you eat that tastes bitter?
- D. Burning wood in a campfire is a chemical reaction. Cooking food is a chemical reaction. Mixing baking soda with vinegar is another example of a chemical reaction. What sort of things are released or observed when these reactions occur?