**Unit 1: Classroom** Name:

**Chemistry** Date:

** Pre-Assessment**

**What do I already know about chemistry?**

**Questions**

Complete the Frayer Model by answering these questions.

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

• Why is water important for your survival? In what states of matter can you find water in nature?

• 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?

• Acids taste sour. What fruits do you eat that are sour? Bases taste bitter. Is there anything that you eat that tastes bitter?

• 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?

ADLC Science 5