Name_____

Date_____

HOME/SCHOOL CONNECTION

Making & Separating Mixtures

1. Define Mixture:

2. Define Solution:

3. Can a mixture be separated? _____ How?

4. Can a solution be separated? _____ How?

Will it dissolve?

Try to make solutions using water and other solids around your home. Some possible examples include flour, Epsom salts, baking soda, alum, pepper, and sugar. *Be sure to work with an adult and use safety precautious!*

Name of Solid	Solution?	Observations
	Yes/No	
	Yes/No	
	Yes/No	
	Yes/No	
	Yes/No	

Properties of Crystals

Can you make your own crystals?

Try to make crystals using the solids that formed solutions in the first part of this assignment. Evaporate a small sample of that solution overnight and observe the crystals left behind.

What happened to the water as it evaporated?

_____

_____

What is left behind after the water evaporated? Is it the same as the original solid you first mixed?

_____

_____

How can you increase the rate of evaporation? List some ways to make the water dry up faster.

_____

_____

On the space below, draw and describe the properties of the crystals you created.