Name: _____ Section: _____

Pre-lesson Activity – Mixtures

Directions: The following activity consists of two parts. Working in groups of 3-4 students, complete the steps and answer the questions.

Part 1 – Steps

1. Take cup A and pour it into a beaker.
2. Take cup B and pour it into the same beaker.
3. Using a glass stirring rod, mix the contents (A & B) of the beaker together.

Part 1 – Questions

1. Describe what you see in the beaker.

2. Draw a picture of what you see in the beaker.

3. Using any means necessary, try to separate the mixture back into its original parts. Was it possible to separate the mixture? Why or why not?

4. Do you think the contents of the beaker (A & B) went through a chemical reaction once they were combined? Explain your reasoning.

Part 2 – Steps

1. Take cup C and pour it into a beaker.
2. Take cup D and pour it into the same beaker.
3. Using a glass stirring rod, mix the contents (C & D) of the beaker together.

Part 2 – Questions

1. Describe what you see in the beaker.

2. Draw a picture of what you see in the beaker.

3. Using any means necessary, try to separate the mixture back into its original parts. Was it possible to separate the mixture? Why or why not?

4. Do you think the contents of the beaker (C & D) went through a chemical reaction once they were combined? Explain your reasoning.