**Name:**

**Class:**

**Greenhouse Effect**-Follow Up Questions- Ac (A day)

1. How does the greenhouse effect work? (Explain the three steps)
2. A greenhouse is a house made of glass or clear plastic for growing plants in cold weather (like hot house tomatoes). How does the greenhouse effect work in a greenhouse? List how the three steps apply in a greenhouse just like for Earth.
3. There are five greenhouse gases. List all five of them and their major source.

(1)

(2)

(3)

(4)

(5)

1. Our lab was intended to model Earth’s greenhouse effect. What did the following parts of our lab represent?

The lamp-

The dirt or water in the bottle-

The air in the bottle -

The CO2 in the bottle-

1. The greenhouse effect is causing climate change. What is some evidence that our climate is changing?

Extension:

1. As our planet is warming due to climate change the white ice and snow in the Arctic is melting exposing dark dirt and rock below. Why have the temperatures in the Artic increased more than in other places of the Earth?