**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mini Science Investigations at home**

1. Boil a pot of water and draw what you observe happening as it boils. Explain your drawing. **Please be careful not to burn yourself with the water!**
2. a. Grab a metal spoon from your silverware drawer and feel the handle. Is it hot, cold or room temperature? \_\_\_\_\_\_\_\_\_

b. Fill a cup up with cold water, add 7 ice cubes and put the metal spoon in the cup. Set a timer for 10 minutes and then go back to the cup. Without taking the spoon out of the water feel the handle. Is it hotter, colder or still room temperature? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. Set a timer again for 10 minutes again and then go back to the cup. Without taking the spoon out of the water feel the handle. Is it hotter, colder is still room temperature? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw what you observed during each step. Explain your picture.

|  |  |  |
| --- | --- | --- |
| When you touched the spoon handle the 1st time | When you touched the spoon handle after 10 minutes | When you touched the spoon handle after 20 minutes |
|  |  |  |

1. Find a lamp in your house. Turn it on. **Do not touch the light bulb**, but place your hand near the light bulb. Draw a picture of what you observe. Explain your drawing.