**Science 7 Lab 1 – The Water Temperature Lab** Group Names \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Every group will put the SAME amount of water and Ice/snow in their cups. We can record the weight of the cup and water/ice to make sure everyone is very close

\*Hypothesis: Do you think the water will heat in a constant way? Yes or No

\*Weight recording of glass, water and ice \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_grams

\*What is the temperature of the room \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*What time was your first measurement \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Fill in the Following Chart (use iPad timer to be accurate)**

|  |  |  |
| --- | --- | --- |
| Time (Minutes) | Temperature (Celsius)  | Observations (seeing, hearing, feeling) |
| 0 |  |  |
| 5 |  |  |
| 10 |  |  |
| 15 |  |  |
| 20 |  |  |
| 25 |  |  |
| 30 |  |  |
| 35 |  |  |
| 40 |  |  |

Look for any source of error. Were you closer to a heat source than other groups? Were you accurate with your recording timings? Was your glass bumped frequently?

You will graph this data on Monday using a Spreadsheet

You will write a brief lab report next week **(Hypothesis, procedure, materials used, data and observations, and conclusion)**