Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Due date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gummy Bears and Osmosis

In this experiment the task is to investigate what happens to the mass of Gummy Bear lollies when they are soaked in distilled water and saturated salt solution for 12 hours. You will need to do the following things.

1. Plan this experiment and write it up using the correct scientific method steps. You will have 2 in class lessons to do this.
2. Explain your observations in terms of osmosis. Please use all correct terms. Appropriate labelled diagrams may be used if you think they are helpful.
3. Hand in your write up of the investigation and your explanation of observations. This will be collected and marked. One week after completion of lab work.
4. Once the write ups and explanations have been collected you will be given a validation on the experiment and explanation. YOU WILL NOT HAVE **ANY** NOTES WITH YOU WHEN YOU DO THE VALIDATION.

The validation will be done on the same day that the write up and explanations are collected in.

Materials:

One bag of Gummy Bears

100ml measuring cylinder

Table salt

Electronic pan balance.

250ml beakers

Clock