Outline for lab Gummy Bear Conclusion:

Title: Inform/State the main idea

Intro:

- **Purpose**: _____

  _____

- **HYPOTHESIS:** _____

  _____

  _____

Key Words:

•**Concentration Gradient**: Molecules are in constant motion and tend to move from areas of higher concentrations to lesser concentrations.
•**Diffusion** is defined as the movement of molecules from an area of high concentration to an area of low concentration.
•The diffusion of **water molecules** through a selectively permeable membrane is known as **osmosis**.
•**Selectively permeable** means that some molecules can move through the membrane while others cannot.
•Movement through membranes is called **transport**.
•Diffusion and osmosis are **passive** forms of transport; this means that they do not need energy to move from areas of high concentration to areas of low concentration.
•**Active transport** requires energy to transport molecules from low concentration to high concentration.

- **Concentration Gradient:**
  - **In our Exp:**

- **Diffusion:**
  - **In our Exp:**
- **Osmosis:**
  - **In our Exp:**
- **Selective Permeability:**
  - **In our Exp:**
- **Active Transport:**
  - **In our Exp:**
- **Passive Transport:**
  - **In our Exp:**

RESULTS:

	Before	After	% Change
Height			
Width			
Mass			
Observations			**X**

Observations Before:
Observations After:
Graph:

- Include a copy of your graph.

Analysis

- All Questions from the back of the lab are fully answered.