

## The LAB

Background: Water is the most important substance on the earth for supporting the biotic community. It has many unique characteristics that make it such a vital inorganic molecule. Life began in the water over 3.7 billion years ago and eventually evolved to terrestrial forms. But, no matter where the life form is located, water is a major component of the organism.

Problem: If water is a major component of organisms, how can we determine the water content of a living thing? Your task is to determine the percentage or content of water in a vegetable utilizing equipment and/or materials available in class.

### Materials:

- carrot
- knife/razor blades
- blender
- hot plate
- grater
- balance
- beakers
- oven
- home equipment

### Procedure:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Results: graphs/charts

Conclusion:

Bibliography:

Lab Group: