



GUMMY BEAR LAB

Using the Scientific Method



OBJECTIVE: apply the scientific method and the SI system of measurement to investigate a problem

Ask a Question

What will happen to a gummy bear when it is soaked in water over night?

Make a Hypothesis

Test the Hypothesis

Materials: 1 gummy bear, 1 small cup and lid, ruler, water

Procedure Day One

Part A: Choose one gummy bear from the container on your table. Use the equipment available to measure your gummy bear and record the data in the chart for **Day One**.

Measurements (Use SI Measurements)

- The length of your gummy bear should be measured from the top of its head to the bottom of its feet
- Measure the width at the widest point (usually the back) of the bear
- Measure the thickness from the front to the back at the widest point
- Calculate the volume by multiplying the length, width, and thickness

Data:

Day	Color	Length cm	Width cm	Thickness cm	Volume cm ³	Weight g
One						
Two						
Amount of Change						

Part B: Draw an illustration of your gummy bear on **Day One**

Day One



Day Two

