

NAME \_\_\_\_\_ DATE \_\_\_\_\_ PERIOD \_\_\_\_\_

**“Determine the Density of a Carrot With Salt and Water”**

**Your challenge is to determine the density of a carrot  
without taking its mass or volume.**

**Things To Think About:**

- Do you float better in a pool or the ocean?
- An object that floats on top of a liquid is: more dense, less dense, or same density as the liquid?
- An object that sinks to the bottom of a liquid is: more dense, less dense, or same density as the liquid?
- An object that is suspended (in the middle of the liquid) is: more dense, less dense, or same density as the liquid?

**I. Materials:**

beaker or clear cup  
graduated cylinder  
micropipette  
salt  
spoon  
balance  
carrot

**II. Write down the steps of your procedure: MUST BE APPROVED BY TEACHER**

**III. Data and Calculations:**

**IV. Summary:**