

PERCENTAGE OF WATER

Objective: Students will examine the percentage of water that is contained in plants and/or vegetables.

Subject: Math and Science

Skills: Measuring, observation, computation, categorizing

Materials: Small scale, fresh vegetables, fruit, e.g., apple, pear, potato, cucumber, knife

Procedure:

1. Remind the students that our own bodies are 70% water.
2. Show examples of the amounts of water in vegetables by:
 - a. Cutting thin slices of potato or cucumber
 - b. Weigh the slices on a small scale
 - c. Place the slices in a sunny spot to dry
 - d. When dry, weigh the slices again
3. The difference between the first and second weights is the amount of water.
4. What is the percentage of water in each piece?

