



science

FRIDAYS

AT WADE THOMAS

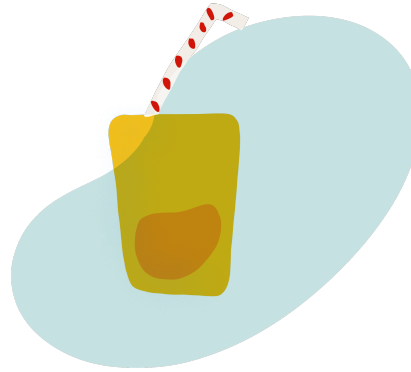
Week 1
August 19 - 21



A LUMP OF SUGAR

Materials:

Kitchen scale
Kitchen measuring jug
Large glass
Sugar
Water
Juice or soda drink bottles



Procedure:

1. Study the Nutrition Facts label on the bottle. Record the volume and weight of one serving size. Record the amount of sugar per serving in grams.
2. Place an empty measuring jug on the kitchen scale. Tare the scale (set to zero).
3. Pour sugar into the measuring jug on the scale. Measure out the weight recorded in the step 1.
4. Study the amount of sugar in the jug. Record the volume. Pour sugar into the glass.
5. Tare the scales with an empty measuring jug, and pour in water in volume of serving size measured in step 1.
6. Compare the serving size of liquid and the amount of sugar per serving.

Skills learned:

Measurement (volume, weight)
Calculating ratios
Mixing solutions

Further study:

Try dissolving sugar at different water temperatures. Build a graph with your findings.

NUTRITION, SOLUTIONS, SOLUBILITY