

# Solutions Everywhere

## Summary

Students will discover how the percent concentration for solutions is widely used in foods and medicines.

## Time Frame

1 class periods of 30 minutes each

## Group Size

Individual

## Materials

- [student sheet](#)  
(attached)

## Background for Teachers

This activity will be used as a review after the concept has been taught. The assignment will give the students a real world application.

## Student Prior Knowledge

Student should know how to recognize percent concentration.

## Instructional Procedures

This is a homework assignment that will be done by individual students. This assignment will be given to familiarize students with the importance of percent concentration in describing the strength of medicines and the components of food.

Have the students write down the product from which the label came. They will cut out the label and past it in the box provided. They should fill in the name and percent concentration of the substance they were interested in in the spaces to the right.

When the students return with this homework assignment, have the student get in groups to share the products they used and what percentages they found. You can use this opportunity to have the students correct each other's work so it is easier for you to correct as a teacher.

Vote for the most interesting product.

## Assessment Plan

### Scoring Guide:

After the students have helped each other make corrections, grade each label (product label, percent concentration) as one point. For an extra credit opportunity, make each label worth one point.

## Bibliography

Lesson Design by Jordan School District Teachers and Staff.

## Authors

[Utah LessonPlans](#)