**Solutions Activity 1: How concentrated is Tang?**TEACHER NOTES

***Question:*** ***How strong is Tang, when prepared according to package directions? Calculate your answer in 3 formats: grams per litre, percent composition, and molar concentration.***

Students can make one sample of Tang, but they will need several pieces of data to do the math:

-grams of Tang used

-volume of water (before mixing)

-volume of water (after mixing)

-mass of Tang solution (after mixing)

 Most groups forgot to collect at least one of these pieces, and had to re-do the
 experiment. Have extra Tang available!

 If you do this in cups instead of beakers, students can drink the results.