

Balancing Chemical Equations Class Preparation

Before class starts, you will need the following items near you.

Items in kit	Items not in kit
Skittles candies	colored pencils
extra Dots candies from previous lab	3 small clear cups
plastic bowl	1 T. baking soda
plastic teaspoon	1 t. vinegar
bingo cards (2)	paper towels/old towel
safety goggles	25 coins or large dried beans in a cup
yeast (1 T.)	Balancing Chemical Equations Key (printed on molecule label sheet last week)
red, green, blue pony beads	worksheet (print from website)
	paper towels/old towel
	teaspoon, tablespoon
	measuring cup (1/2 c.)
	warm water (wait to get until needed in class)
	periodic table from previous class
	pennies soaked in vinegar from last week (they should be greenish after soaking)
	empty small water bottle (about 16 oz.)
	dish soap (a squirt)
	hydrogen peroxide (1/2 c.) - don't premeasure
	cake pan or large bowl to catch elephant toothpaste overflow
	white mini marshmallows (about 20)
	food coloring (red, green, or blue) – 5-6 drops
	funnel

Preparation Instructions:

1. Gather all the items listed above and put them where you will be sitting for the class.
2. Print worksheet from my website (<http://www.handsonsciencefun.com/chem-videosworksheets.html>).
3. Put Dots and Skittles in the bowl.
4. Put 1 teaspoon of vinegar in the cup.
5. Put 1 tablespoon of baking soda in a cup.
6. Do not premeasure the ½ c. hydrogen peroxide or warm water.