



# Fizz, Bubble, and Goo

**Provided by:**

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Information	Program Description
Kindergarten-5th Grade	This curriculum provides lessons in chemistry specifically focusing on chemical reactions. The activities are all hands-on and focus on the science processing skills of observing, comparing, classifying, measuring, and communicating.
Curriculum Format	Each lesson can be presented in 45-60 minutes.  Teaching Guide with complete instructions is provided.  Teaching Kit with materials needed to present lessons is provided. User may need to provide standard classroom supplies (pencils, scissors, glue). If a lesson requires perishable items (e.g. milk), user is responsible for these purchases.

Lesson	Overview
One: Chemical Reactions	<ul style="list-style-type: none"><li>Defining chemical reactions</li><li>Baking Soda and Vinegar</li><li>A Bottle and a Balloon</li></ul>
Two: More Chemical Reactions	<ul style="list-style-type: none"><li>It Will Rise When You "Yeast" Expect It</li><li>Elephant's Toothpaste</li><li>Chemical Reactions in the Bag</li></ul>
Three: Slime vs. The Glob	Students make "Slime" and "Silly Putty" and then do experiments to compare the properties of each.
Four: Toothpaste	This lesson is from LHS GEMS Secret Formulas. Students test the properties of the ingredients in toothpaste (color, viscosity, taste, cleaning ability) and then make their own toothpaste in a bag.
Five: Color Chemistry	<ul style="list-style-type: none"><li>Rainbow Effect (chromatography)</li><li>Erupting Colors (oil, water, food coloring)</li><li>Moving Drops (moving drops of colored water on wax paper)</li><li>Currents of Color (milk, liquid dish soap, food coloring)</li></ul>
Six: Ice Cream in a Bag	Cooking is the ultimate chemistry experiment! Students follow a recipe to make ice cream in a bag and learn how rock salt can be used to lower the freezing point of ice.

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