

Big Learning Science & Engineering: S&E

Register for Spring Session Now!

The theme is Chemistry



Register at: <https://biglearning.asapconnected.com/>
 Select ALL CLASSES along the upper menu bar and
 then use the drop down location finder to find your school.

Chemistry Detectives

Explore solids, liquids, and gases and create new materials from exothermic and endothermic chemical reactions. Use viscosity and density to describe liquids and make your own lava tubes. Experiment with mixtures, solutions, acids, and bases to help solve our gold paper caper, mix a polymer, and make glue from milk. Grades K-1.



reactions, and use yeast to detect sugars and starches. Examine the properties of mixtures and non-mixing materials, test pH levels of common substances, and make a polymer. Grades 2-3.

Chemistry Creations

Test the saturation point of solutions, learn how to separate liquids using evaporation, chromatography, and absorption. Explore capillary action, create physical and chemical



Chemistry: Lab Science

Detect and measure invisible matter, test for the presence of vitamins C, D, and E and whether vitamins are fat or water soluble. Record your data in your journal. Use chemistry to solve mysteries, titrate acids and bases, and test flow resistance. Learn to calculate retention factors and how they affect chromatography, and make cheese and goop. Grades 4-5.



Class	Day of Week	Dates	Time	Tuition
Chemistry Detectives Grades K-1	Tuesday	April 9, 16, 23, 30, May 7, 21, 28, June 4	3:30 pm – 4:30 pm	\$180 Plus \$10.50 WA PTA fee
Chemistry Creations Grades 2-3				
Chemistry: Lab Science Grades 4-5				

All classes meet at Wood Acres Elementary School

Payment plans and scholarships are available

To sign up for a payment plan, check that option at checkout. For scholarships, call our office.

Big Learning is a non profit founded by the County PTA in 1975! science@biglearning.org 301-244-5254

These materials are neither sponsored nor endorsed by the Board of Education of Montgomery County, the superintendent, or this school.