

Big Learning Science & Engineering: Chemistry

Winter 2018 S&E Offerings at Beverly Farms ES



SCIENCE & ENGINEERING



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)

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 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)

What do kids say about our Chemistry Program?*

- It was the best! I loved the experiments.
- This program is so fun.
- There were lots of different projects and we learned about acids/bases, polymers, and how to make cheese.
- I really liked it.
- This is one of the best camps I have taken at Montgomery College.
- I really enjoyed this program. It helped me learn and grow as a student.
- The stuff that we did was fascinating and fun.
- As I came through the door every day I got greeted.
- The last day was great. I learned the stinky cheese was called stinky for a reason....peeu!

* comments from MC summer camp 2017 students



Classes begin January 2018

Beverly Farms ES Winter Classes

Chemistry Detectives Grades K-1	Thursdays 3:40-4:40pm	Class Meets: 1/11, 1/18, 2/1, 2/8, 2/15, 2/22, 3/1, 3/8	\$144
Chemistry Creations Grades 2-3	Thursdays 3:40-4:40pm	Class Meets: 1/11, 1/18, 2/1, 2/8, 2/15, 2/22, 3/1, 3/8	\$144



Register and Pay Online: www.biglearning.org

Early Birds: register by January 2nd to receive \$5 off each class!

Big Learning is a non profit founded by the PTA in 1975!

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