



SCIENCE AT THE BIG APPLE

EXPLORING THE WORLD THROUGH EXPERIMENTS



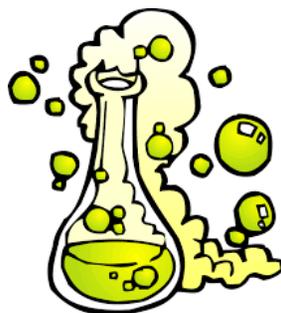
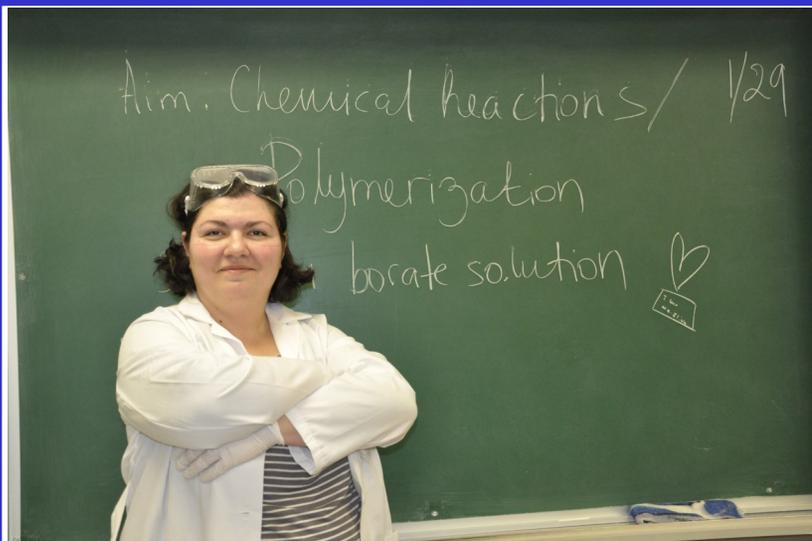
Many of us think of Physics and Chemistry by imagining something scary like atomic bombs, radiation, or space explosions. However, at the Big Apple Academy, students discover more benevolent uses for these sciences such as production of polymers such as: protein, silk, wool, polyester, and nylon. We would like to share some of the experiences that generated a great deal of excitement among our middle school students. Under Mrs. Nazarov's knowledgeable guidance, our eight graders easily turned monomers into a network of molecules called polymers by employing the magic of chemical reactions. The fascinating world of chemistry enabled the Big Apple Academy's students to produce compounds with physical properties different from those possessed by the original substances.





Dynamic and fashionable , Mrs. Primak rushes to work impeccably dressed and meticulously prepared. She is inspiring and charismatic, devoted, and motivating when it comes to doing what she loves most--teaching Science. She prepared for her students something extraordinary, something that will incorporate the scientific method, classification, and real life experiences. Connecting theory with practice, our six graders investigate rock collection sets with an assortment of sedimentary, igneous, and metamorphic rocks. Working in groups, students observed a variety of rocks and commented on their physical characteristics. They easily identified classification schemes to determine common rock types. This is what makes Earth Science exciting and motivates our young scientists to explore further.





Science is a great subject through which problems and questions dealing with natural phenomena can be identified, defined, and tested. Our Science teachers display high standards of instruction and expand their teaching beyond conventional textbooks and worksheets. They uncover a magic of science each week through a limitless discovery process which inspires, motivates, and engages the young minds of future sciences.