

Westmere Elementary – Spring 2016

STEM Academy

Grades 4 - 5 - Friday, 2:15 - 3:45 pm

Mar. 18, Apr. 1, 8, 15, 22, May 6 Snow date: May 13

Registration Deadline: February 26

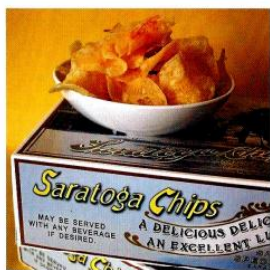
Animal Kingdom with Anita Sanchez

Learn about the amazing animals that share this planet with us. Each week we will study a different group of animals, including mammals, birds, amphibians, insects and more. You will learn the basics of scientific classification and discuss animal adaptations and behavior. Hands-on experiments, recording of data, and direct observation of plants, animals and biological specimens will enhance this study of the life sciences. Author and educator Anita Sanchez will draw on her research from her children's books *Carolus Linnaeus and the Naming of Everything* and *Leaflets Three* to provide a challenging and exciting hands-on experience with science.



Game Design with Ira Marcks

This workshop will explore the history of computer games and their role in our culture. Using software developed by MIT, students learn the basics of computer programming and game design. The goal of this course is to teach students to develop an understanding of what elements of technology and art come together to make a computer game successful. They will be challenged to create their own functioning game which will be played and critiqued by other students in a final review.



Potato Chip Challenge with Susi Watts Kerr - Wonder Compass

Saratoga County is home to many stories of discoveries, developments and inventions. One of these, dating back to the mid 1800's is the invention of the potato chip. What has happened to the world's favorite snack in the last 165 years and what could be next on the crunchy horizon? Through the life of the potato chip students will explore themes of invention, entrepreneurship, industrialization, and technology and the interactions of social and economic factors with these themes. Weekly challenges will plunge students into the worlds of patents and trademarks; packaging design; food production; marketing and the science of flavor. The project will wrap up with a competition to create a new flavor for the much-loved potato chip.

The Washington-Saratoga-Warren-Hamilton-Essex BOCES does not discriminate in its employment and admission to programs and activities as applicable, on the basis of actual or perceived race, color, creed, sex, sexual orientation, national origin, religion, age, economic status, marital status, veterans' status, political affiliation, domestic victim status, use of a guide dog, hearing dog or service dog, disability, or other classifications protected under federal or state law, and provides equal access to the Boy Scouts and other designated youth groups. The designated district compliance officers will coordinate compliance with the nondiscrimination requirements of Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, as amended, the Boy Scouts of America Equal Access Act, and the New York State Human Rights Law.

The BOCES Compliance Officers are: Donna J. Wisenburn, Director of Human Resource Services or Timothy G. Place, Deputy District Superintendent, Washington-Saratoga-Warren-Hamilton-Essex BOCES, 1153 Burgoyne Avenue, Suite 2, Fort Edward, NY 12828, phone (518) 581-3310 or 746-3310. Complaints may also be filed with the Office for Civil Rights, New York Office, U.S. Department of Education, 32 Old Slip, 26th Floor, New York, NY 10005-2500, phone (646) 428-3800, fax (646)428-3843, email: OCR.NewYork@ed.gov



STEM Academy at Westmere Elementary School Spring 2016 - Registration Form

Student Information

Student Name: _____
 Mailing Address: _____
 City, St. Zip: _____
 Grade: _____ School Building: _____

Parent/Guardian Information

Parent Name(s): _____
 Home Phone(s): _____
 Cell Phone(s): _____
 E-Mail Address(s): _____

Please list a relative or family friend we can contact if we cannot reach you in an emergency:

Name: _____ Phone: _____

- YES NO My child has permission to participate in STEM Academy and will follow the BOCES Code of Conduct.
 YES NO BOCES can photograph or videotape my child for publications and media.
 YES NO My child has permission to use the internet during STEM Academy and I have signed his/her home school Internet Usage Agreement
 YES NO I have custody of my child and there are no custodial issues (if there are issues relevant to the safety of your child, please provide details in the space provided below.

List your child's medical concerns and allergies for the STEM Academy staff: _____

Parent/Guardian Signature: _____

Registration deadline is February 26, 2016

Please list 2nd & 3rd choices, we will do our best to accommodate your first choice, however registration will be selected by a lottery system.

Course Title (1 st Choice)	
Course Title (2 nd Choice)	
Course Title (3 rd Choice)	

Space is limited to 15 students per course therefore registration will be completed by a lottery. Upon the registration deadline, all student names will be submitted to the lottery, names will be drawn. Letters of acceptance will be sent **ONLY** to students **accepted** into the courses.

Please return your registration form to Ms. Wark or Ms. Hilton in the principal's office at Westmere Elementary School