

**STEM Academy at Maple Avenue Middle School
Spring 2016**

Grades 2 - 8 - Saturday, 10:00am - 12:00pm

Mar. 12; Mar. 19; Apr. 2; Apr. 9; Apr. 16 Snowdate: April 23

Registration Deadline: February 25, 2016



Animal Kingdom with Anita Sanchez

Grades 2 - 3

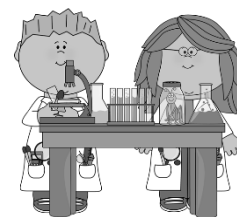
Learn about the amazing animals that share this planet with us. Each week we will study a different group of animals, including mammals, birds, amphibians, insects and more. You will learn the basics of scientific classification and discuss animal adaptations and behavior. Hands-on experiments, recording 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

for 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.

Crazy ChemWorks with Mad Science of the Capital District

Grades 2 - 3

This action packed after-school program is bubbling over with classic experiments and crazy concoctions. Perform spectacular hands-on activities using real tools. Witness stunning demonstrations and join in inquiry-based discussions. Students will learn, and apply the concepts and techniques just like a real chemist. Crazy Chemworks is the perfect introduction to elementary chemistry.



Creative Filmmaking with Saratoga Film Academy - Jon Dorflinger **Grades 6 - 8**

This introductory course provides a hands-on learning experience about how to make Hollywood movies. Students will go through the process of making their own short films just like the professionals and be involved in the writing, directing, cinematography, acting, editing, producing, and more. Students will focus on

becoming visual storytellers and learn how to develop and manage film projects in collaborative groups. Filmmaking is an excellent art form to encourage students to express their artistic voices, as well as work on many essential skill sets such as: strategic planning, project management, communication, and creative problem solving. This project-based course is designed for students who have no experience, but also challenges those ready to enter the Sundance Film Festival.

Flash! Bang! Pop! Fizz! With Carrie Mercogliano

Grades 4 - 5

Inspired by the book by Janet Parks Chahrour, explore simple and fun experiments, like Bubble Extravaganza - exploring bubbles, Radiant Color using chromatography, Fabulous Play Goop - observing a chemical change and the properties of the resulting substance, Delicious Ice Cream - Phase Change, Rainbow in a Drinking Straw - observing density differences, and T-Shirt Designs using chromatography to make your own unique t-shirt.



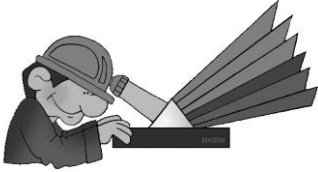
****Not offered on April 9****



Get Wild! with Wilton Wildlife Preserve & Park

Grades 4 - 5

In this interactive series students will build glacier models, conduct fire experiments and meet live reptiles! This interdisciplinary course explores the unique plants and animals of the Sandplains ecosystem, including the endangered Karner Blue Butterfly. Over the six weeks, students will work together to conduct hands-on labs and experiments and create unique art projects. Join us to work with real mammal skulls and furs, sculpt clay birds, and play ecosystem games! Don't miss out on this wild series!



Science of Color with Toni Cerbo

Grades 2 - 3

We live in a world of vivid color and these colors play a vital role in how we perceive our surroundings. To understand color, we must first know a little something about the nature of light. This course will introduce students to light, the color spectrum, and color theory. Students will engage in simple scientific experiments, complimented by hands-on art projects. Intentionally integrating science with visual arts, students will be inspired to think deeply and visually, develop creative solutions, and aspire to continue exploring the world around them.

Release a Rainbow - Rose Window Stained Glass

Blue Sky Red Sunset - Foil Embossing

Walking Water - Tissue Paper Painting

Black is Black or is it? - CD Etching

Spinning Your (Color) Wheels - Coloring Mixing Ceramic Tiles

Bubble Rays - Bubble Art

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 Maple Avenue Middle School Spring 2016 Registration Form



Student Information

Student Name: _____

Mailing Address: _____

City, St. Zip: _____

Parent/Guardian Information

Parent Name(s): _____

Home Phone(s): _____

Cell Phone(s): _____

E-Mail Address(s): _____

- 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 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: _____

Please specify the course(s) that your child is interested in. You may choose to enroll in one or all five sessions. If you have a 2nd or 3rd choice for those dates, please list them. We do our best to register you for your first choice. The fee for each session is \$25. All classes run from 10am – Noon.

Registration deadline is February 25, 2016

Please list 2nd & 3rd choices, we will do our best to accommodate your first choice, however, registration is on a first-come, first-served basis.

Session/Date	Course Title (1 st Choice)	Course Title (2 nd Choice)	Course Title (3 rd Choice)
Session 1: March 12			
Session 2: March 19			
Session 3: April 2			
Session 4: April 9			
Session 5: April 16			

Please return this registration form and payment to: Curriculum Director's Office, Attn: Gifted & Talented Programs
3 Blue Streak Blvd., Saratoga Springs, NY 12866

Checks should be made payable to Saratoga Springs City School District. Total Enclosed \$ _____