

F. Donald Myers Education Center - Spring 2016

Grades 4 - 8 - Thursdays, 3:45 - 5:15p.m.

Mar. 10, 17, 24, 31, Apr. 7, 14 Snow Date: Apr. 21, 2016

Registration Deadline: February 25, 2016

Option 1 - Project Enrich Courses Available - Grades 4-8



Adventures in Art with Art Quest - Art Education Service - Doreen Diorio

Explore the wonderful world of art through a variety of art materials, processes and the genres of landscape, portraits, still life, and abstract art. We will draw, paint, print, sculpt, and create mixed media projects inspired by art history, and your own personal expression and choice of subject matter. **Grades 4 - 8**

Hair Goes Nothin' with Jennifer Rockwood

Explore hair structure, braiding techniques, skin science, manicures and pedicures. Try your hand at the products and tools used in the cosmetology industry. Classes meet in the BOCES Career Education Cosmetology classrooms. **Grades 4 - 8**



Mystery Solved 2016 - All New Cases! with Paul Phillips

Students take on roles as judges, attorneys, witnesses and suspects in a series of brand new mock trials. Sherlock Holmes and Hercule Poirot' mysteries are often included, as well as original trials based on historical crimes. **Grades 4 - 8**

The Wow of Bow Wow with Helen Bemis - K-9 Karing

Learn the language that dogs speak. Playing dog games and having visits from the local working (and other) dogs will highlight this class. Bonus bones will be earned for graduation prizes. You can have fun teaching Rover tricks so this will be an added bonus. Sign up for the fun today. **Grades 4 - 8**



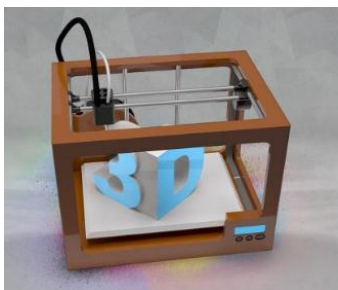
Option 2 - Language and Culture



Spanish with Kayla Bartow

Spanish is not only a language, it is a history, a culture and it is a part of our future. What I strive to do is to engage the students in hands-on learning, which will create an atmosphere of exciting and empowering learning. I hope to bring forth interest and continued curiosity in the language and culture by creating lessons that are informative, interactive and impacting. **Grades 4-8**

Option 3 - STEM Academy Courses Available



An Introduction to 3D Printing with Christopher Guenther

See your idea come to life. Learn the basics of 3D printing, how the printer works and how it is a useful tool, not just a really cool gadget. As a group we will go through design concepts, refining it to fit the job that it will be used for. Using TinkerCad, students will produce a design and ultimately build a project that incorporates reasoning, conceptual design and math skills. You will be able to take your 3D printed copy home. **Grades 4 - 8**

Archaeology 101 "What's Under My Shoes?" with Jason Scott

Who doesn't want to explore the world portrayed by Indiana Jones, 'X' marks the spot and gold pirate doubloons? But it is also just as important to understand the real science of 'digging' up our past with all the discoveries which tell the story of who we were and who we are as people.

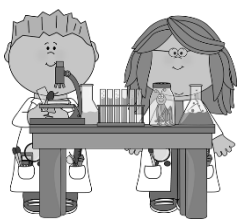
Archaeologists, like other scientists, differ greatly in what phenomena they study and how they go

about their work. Although there is no fixed set of steps that all scientists follow, scientific investigations usually involve the collection of relevant evidence, the use of logical reasoning, and the application of imagination in devising hypotheses and explanations to make sense of the collected evidence. The elements of story and mystery are important, too.

To successfully "solve" a mystery requires a whole set of STEM practices: learning to ask good questions, high tech instrumentation and using mathematics as a resource, etc.

Practicing archaeology is kinesthetic, STEM orientated and youth also love its hands-on approach.

The above is just not for the realm of scientists. Our youngest students can be a part of such a scholastic journey with a whole lot of fun thrown in. **Grades 4 - 8**



Crazy ChemWorks with Mad Science of the Capital District

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. **Grades 4 - 8**

Creative Filmmaking with Saratoga Film Academy, LLC

This introductory course provides a hands-on learning experience on 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. **Grades 4 - 8**





Forensics with Joseph Biss III

Let's discover the World of Forensic Science as we explore some favorite experiments with Mr. Biss.

1) How do you identify skeletal remains - Forensic Anthropology? Bag O' Bones - You get to put a Skeleton together!

2) Fingerprints -What are they - Why do we have them? What is unique about them? You will use simple household items like makeup or artist's brush, baby or cocoa powder, wide, clear tape and index cards for find and lift fingerprints!

3) What tool was used to make the mark - Tool Mark Identification? Using clay, you will find and lift unique "tool marks" in the classroom, and see if your classmates can figure out where they came from.

4) Blood Analysis- What kind of blood, whose blood, how did it get where it is? Using (fake and safe) blood, you will discuss and perform some of the basic blood test and analysis the Forensic Scientist uses.

5) Gunpowder, projectiles, ballistics and fire arm identification. Where did it all start, how does a bullet fly and why? How can we match a bullet to the gun that shot it and what kind of gun was the robber carrying? These techniques have solved thousands of crimes over the years.

6) How can you prove a criminal was at the crime scene - DNA Fingerprinting? You will gear up and perform a DNA Fingerprint (Gel Electrophoresis) right in the classroom with the same basic techniques used in the big labs !! **Grades 4 - 8**

Get Wild! with Wilton Wildlife Preserve & Park

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, the 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!



Grades 4 - 8

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

Spring 2016 Project Enrich, Spanish and STEM Academy Registration Form
For Ballston Spa students at BOCES Myers Education Center, Saratoga Springs
Thursdays-3:45 - 5:15 - March 10, 17, 24, 31, Apr. 7, 14 Snowdate: 4/21
REGISTRATION FORMS DUE BACK TO SCHOOL ASAP- Deadline is February 25th

Student Name (as it should appear on certificate): _____ Grade _____
 Mailing Address: _____ City: _____ State: _____ Zip: _____
 School Bldg.: _____ Home room Teacher: _____

STUDENT: I will contribute in a positive way to the course. **Student's Signature:** _____

PARENTS/Guardians Signature: _____

Parents Name: _____ Home phone: _____ Work: _____ Cell: _____

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EMAIL Contact : _____ (parent)

The following people, besides the above listed Parents/Guardians, are allowed to pick up my child:

Name: _____ Phone: _____ Name: _____ Phone: _____

1. Yes No My child has permission to participate in a mini-course and will follow the BOCES Code of Conduct.
2. Yes No BOCES can photograph my child for publications and media.
3. Yes No My child has permission to use the Internet and I have signed his/her home school Internet Usage Agreement.
4. Yes No I have custody of my child and there are no custodial issues.
 (If there ARE issues relevant to safety of your child, please provide details in the space provided below.)

_____ List your child's medical concerns, allergies (epi pen), for the mini course program manager and teacher: _____

Please choose only ONE option:

OPTION 1 - Project Enrich \$75.00

I am interested in the Project Enrich Courses Below: We will try to register you in your first choice, but it is not always possible.*

1 st Choice
2 nd Choice
3 rd Choice
4 th Choice

OPTION 3 - STEM Academy \$150.00

I am interested in the STEM Academy courses below: Please list only the courses you are willing to take. We will try to register you in your first choice, but it is not always possible.

1 st Choice
2 nd Choice
3 rd Choice

OPTION 2 - Spanish \$100.00

Grades 4 - 8

I am interested in Spanish: _____

For questions please contact: Enrichment Resource Center,
 WSWHE BOCES 518-581-3585
giftedresources@wswhiboces.org

WWW.WSWHEBOCES.Org/gifted

MAKE CHECK PAYABLE TO: Ballston Spa Central School District.
Send check and registration form to Jill Fiber Ballston Spa District Office at 70 Malta Ave
518-581-3589 or email giftedresources@wswhiboces.org

Enrichment classes operate based on student enrollment; we regret that tuition will not be refunded after March 3rd.