



Ballston Spa Think Series - STEM Academy

Gordon Creek - Fall 2017

Grades 3 - 5 Wednesday, 3:10 - 4:10

October 11, 18, 25, November 1, 8, 15, Snow date: November 29, 2017

Registration Deadline: September 25, 2017

Animal Prints with Caroline Love Miller



Are you wild about animals? Let's explore the animal kingdom together as we make prints! We'll find out how fish are able to live under water and, then, make a print using a real fish! When we learn about the fascinating lives of spiders, we'll make our own web from yarn and print it. Then, we'll learn about animals of your choosing and where they live. Together we'll create collector cards about those animals. Collect them all and trade with your friends!

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 make-up or an artist 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 Scientists use.

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!!!

Get Wild! with the Wilton Wildlife Preserve and Park



In this interactive series students will build glacier models, conduct experiments, and be able to meet a live reptile! 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!

Engineering Challenges with MiSci, The Museum of Innovation and Science

Use your engineering skills to make the strongest structure out of paper, build a newspaper tower, and a design a marble roller coaster. Test how forces act on bridges. Make your own catapult. These are just some of the challenges you will face!





Gordon Creek Elementary School - Fall 2017 THiNK Series (STEM Academy)

Registration Form

Wednesdays 3:10 - 4:10 PM

October 11, 18, 25, November 1, 8, 15 Snow date - Nov. 29, 2017

Student Information

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

Parent/Guardian Information

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

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

- YES NO My child has permission to participate in Enrichment 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 Enrichment 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 Enrichment staff: _____

- YES NO I have read and agree that my child will follow the attached BOCES Code of Conduct (COC). Violation of the COC will result in dismissal.

Parent/Guardian Signature: _____

Please check one of the following:

My child will need bus transportation home from STEM Academy ___ I will be picking up my child from STEM Academy ___

<u>Course title</u>
<u>1st</u>
<u>2nd</u>
<u>3rd</u>
<u>4th</u>

Course Selection

We will try to register you in your first choice, but classes fill quickly and it is not always possible. Please list classes in your order of preference. Please do not list any courses that you are not willing to take.

Registration deadline September 25, 2017

Please return your registration form to:
 Ballston Spa Central School District, Support Services: Colleen Nitchman
 70 Malta Avenue, Ballston Spa, NY 12020

Questions call 581-3585 or email: giftedresources@wsweboces.org

WSWHE BOCES Code of Conduct Summary

BOCES students shall have the rights afforded to students under the provision of the Federal and State constitutions and the laws of the State of New York.

RESPONSIBILITIES:

A student shall not act in such a manner which disrupts the rights of others or which causes disorder or invades the rights of others.

A school is a place of learning. Learning involves the expansion of knowledge as well as acting in a manner considerate of the rights and feelings of others. Students learn from each other. Students must be conscious that younger students follow the leadership of upper classmen. Such examples should enhance the school environment.

Students are expected to show respect for faculty and all other members of the school community. A relationship based upon respect creates a harmonious environment. It shall be the responsibility of students to:

1. Be aware of and obey school rules and regulations.
2. Accept responsibility for their own actions.
3. Respect the rights of others, including the right to secure an education in an environment that is orderly and disciplined.
4. Avoid bullying, harassing behavior.
5. Attend school regularly and punctually.
6. Take advantage of the academic opportunities offered at school.
7. Support and participate in school activities.
8. Maintain habits of personal cleanliness.
9. Respect school property and the property of others.
10. Strive for mutually respectful relationships with teachers and administrators recognizing their role as surrogate parent in matters of behavior and discipline.

There will be a range of consequences for students engaging in any of the above conduct.

Prohibited Conduct on BOCES Premises

All WSWHE BOCES rules and regulations apply to students:

- On the school grounds or within reasonable proximity to school grounds during and immediately before or after school hours.
- On the school grounds at any other time when the school is being used by a school group.
- Off the school grounds, on school buses, at a school activity, function, or event.
- Off the school grounds when the prohibited behavior is a consequence of or directly related to causes or events which occurred or originated on school grounds.
- Whenever the misconduct has a real and substantial relationship to the lawful maintenance and operation of the school district, including the health and safety of the students and employees, and/or otherwise adversely affects the education process.

THE RANGE OF CONSEQUENCES

The range of consequences that may be imposed for the conduct set forth in the Code of Conduct for Student Behavior is as follows:

1. Verbal warning;
2. Written warning;
3. Written notification to parent/guardian;
4. Counseling;
5. Reprimand, either written or verbal;
6. Suspension from club activities;
7. Suspension of other privileges;
8. Assignment to alternative learning environment;
9. Involuntary transfer;
10. Suspension from instruction;
11. Removal from classroom by teacher

The building principal, program supervisor, or district superintendent shall determine the type and extent of discipline. Such disciplinary measures shall be appropriate to the seriousness of the offense and, where applicable, to the previous disciplinary record of the student. Any suspension from attendance from instruction may be imposed only in accordance with Education Law section 3214 (3) as defined by the WSWHE BOCES or component school procedures for suspension.

The Board recognizes that it may be necessary to suspend, remove or otherwise discipline students with disabilities to address disruptive or problem behavior. The Board also recognizes that students with disabilities have certain procedural protections whenever school authorities intend to impose discipline upon them. The Board is committed to ensuring that the procedures followed for suspending, removing or otherwise disciplining students with disabilities are consistent with the procedural safeguards required by applicable laws and regulations.

This code of conduct affords students with disabilities subject to disciplinary action no greater or lesser rights than those expressly afforded by applicable federal and state law regulations.

Revised 5/8/12