

Warrensburg Think Series
Spring 2016

Grades 3 - 5 - Tuesday, 3:00 - 4:30
Mar. 8, 15, 29, Apr. 5, 12, 19 Snow: May 3
Registration Deadline: February 23, 2016



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 very important to understand the real science of 'digging' up our past and all the discoveries which tell the story of who we were and who we are as people.



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

Students can be a part of such a scholastic journey with a whole lot of hands-on fun thrown in.



Astrophysics with Paul Phillips

This class is an exploration of our solar system and the Exoplanets beyond it. These newly discovered and often bizarre worlds will be identified and researched. Their suitability for future human colonization will be discussed and debated as we examine some of the 4,000 planets discovered so far.

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 Scientist 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!!

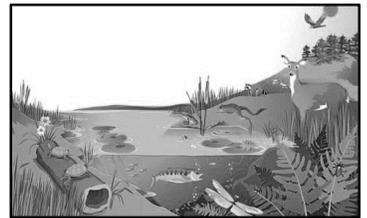


Get Wild! with Wilton Wildlife Preserve & Park

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!

Investigating Freshwater Science with The Lake George Association

Fresh water doesn't just mean the water we drink or use at home - it is all around us and we need it to survive! Have you ever walked beside a creek and wondered where the water came from, where it goes and whether it's clean? Come design and develop experiments to investigate the water's purity and path, and explore other real-world concerns. Through hands-on experiments, projects and fun, you can use science to better understand the environment!



System 3 (Engineering/Physics) with Mad Science of the Capital District

Looking for a fun, yet educational class? Mad Science offers unique hands-on science experiments to help understand the world around us. Discover the science behind magic and how things work. Mad Science can be a strong supplement to elementary science that shows them that science is fun, not overwhelming. Mad Science is a dynamic way to facilitate learning and raise a student's level of knowledge.

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 - THiNK Series - held at Warrensburg Elementary School
Tuesdays, 3:00 - 4:30 pm, Mar. 8, 15, 29; Apr. 5, 12, 19; Snow: May 3

Deadline: February 23, 2016

Please print CLEARLY in black PEN

Student Name (as it should appear on certificate): _____ Grade: _____
Mailing Address: _____ City: _____ State: _____ Zip: _____
School Bldg. : _____ School District: _____ Home room Teacher: _____
Is this student a first time mini course student? Yes No

PARENTS/Guardians:

Mom: Name: _____ Home phone: _____ Work: _____ Cell: _____
Dad: Name: _____ Home phone: _____ Work: _____ Cell: _____
Email: _____

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

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

COURSE SELECTION

We will try to register you in your first choice, but it is not always possible.
List only the courses you are willing to take, and indicate "withdraw" after your final choice.

Course Title
1 st
2 nd
3 rd
4 th
5 th

Please return this
registration form to your
school
by February 23, 2016.

STUDENT: I am committing myself to attend **all** the sessions of the class given and I will contribute in a positive way. **Student's Signature:** _____

- Yes No **My child has permission to participate in a Project Enrich mini-course and will follow the BOCES Code of Conduct.**
- Yes No **BOCES can photograph my child for publications and media.**
- Yes No **My child has permission to use the Internet during mini courses, 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 safety of your child, please call or provide details in the space provided below.)

List your child's medical concerns, allergies (epi pen), for the mini- program manager:

Parent's Signature _____

Questions? Contact the Enrichment Resource Center at WSWHE BOCES (518)-581-3585 or
giftedresources@swhebores.org Fax: 581-3589