

## 2023-2024 SEE PROGRAM

# HIGH SCHOOL HYBRID SEE SEMINAR SPRING SCHEDULE

### IMPORTANT REMINDERS:

- ✓ ONLY districts that complete the online Participation Interest Forms by the stated deadlines will be included on the roster and notified as to how many students may attend. Links for these forms are in 2023-24 SEE Seminars - Hybrid Program Schoology Group.
- ✓ Zoom links for Online SEE Seminars are under Resources in Schoology.
- ✓ When appropriate, 8<sup>th</sup> grade students are welcome to attend ONLINE high school seminars.
- ✓ Turn on NOTIFICATIONS in Schoology to receive important updates and communications regarding SEE Seminars.

### HS – The Fine Art of Deception (Online)

Date: Tuesday, January 23, 2024  
Seminar Time: 9:00 – 10:30 AM  
Location: Online via Zoom  
Presenter: Dr. Jay Parrish, Geophysicist  
Parent Registration Deadline: [Tuesday, January 16, 2024](#)

**Description of Seminar:** What do magicians and fine art have in common? They both are trying to deceive you in one way or another. Magicians deceive for fun. For an artist, it's a challenge to make you see something in their creation. How does an artist control what you see? What does the Mona Lisa have to do with muscle anatomy? What's up with Rembrandt's hands? What ways do scientists face for a portrait? We'll answer all of these questions and more! You'll see art in a new light and magic as a science.

### HS – Maple Sugaring (Online)

Date: Wednesday, February 7, 2024  
Seminar Time: 9:00 – 10:30 AM  
Location: Online via Zoom  
Presenter: Lisa Sanchez, Naturalist  
Parent Registration Deadline: [Wednesday, January 31, 2024](#)

**Description of Seminar:** On a cold February morning, do you need an interesting reminder about why the end of winter is such a great season? Here is your chance to learn more about an agriculture product that can only be "harvested" this time of year- maple sap. Naturalist, Lisa Sanchez, is going to walk us through the fine art of maple sap collection as well as the steps and science behind turning the sap into maple syrup. We will compare how the Native Americans did this relatively simple (but painstaking) process to how it is done at Lancaster County Central Park. We'll also learn how agricultural systems make maple syrup a profitable product for the northeast United States. At this "sweet" SEE Seminar, you will experience the history, tapping, collecting, boiling, finishing, and candy-making stages of maple sugaring.

## HS – Shake and Bake (Online)

Date: Tuesday, February 20, 2024  
Seminar Time: 9:30 – 11:00AM  
Location: Online via Zoom  
Presenter: Dr. Jay Parrish, Geophysicist  
[Parent Registration Deadline: Tuesday, February 13, 2024](#)

**Description of Seminar:** Rocks. They are everywhere. They are under your feet, they are in structures around you, they even fall from the sky. We're going to look at how rocks influence your life and the disasters that they can cause. We will look at meteorite impact, comets, flooding, earthquakes, sinkholes, tsunamis, volcanoes and lava. Perhaps the geology you learned in school focused on memorizing rock types, but in this seminar we will see how rocks impact our lives.

## HS – A Bug's Life: The Fascinating World of Insects and Entomology! (Online)

Date: Thursday, March 7, 2024  
Seminar Time: 9:00 – 10:30 AM  
Location: Online via Zoom  
Presenter: Ethan Estabrook, BCE  
[Parent Registration Deadline: Thursday, February 29, 2024](#)

**Description of Seminar:** Insects are everywhere, from the skies above to the ground beneath our feet. Their impact on our daily lives is profound, influencing everything from our food sources to our living spaces. While certain insects can pose threats by transmitting diseases, damaging plants, or compromising our homes, many others play beneficial roles. They aid in pollinating our crops, controlling pest populations, and recycling nutrients in the environment. Insects contribute significantly to advances in fields like ecology, molecular biology, medical research, forensics, and even robotics. This presentation delves into the biology of insects, highlights key insect groups, and explores the vast career opportunities in entomology. Dive in to understand which insects benefit us, which ones challenge us, and how knowledge in entomology can enhance our coexistence.

## HS – Climate Action Simulation (Face-to-Face)

Date: Wednesday, March 13, 2024  
Seminar Time: 9:00AM- 2:00PM  
Location: Elizabethtown College, Hoover Center, Room H110  
Presenter: Dr. Kurt DeGoede and Dr. Brenda Read-Daily  
[Participation Interest Form Due: Wednesday, February 21, 2024](#)  
[Parent Registration Deadline: Wednesday, March 6, 2024](#)

**Description of Seminar:** A highly interactive, role-playing game to explore the different stakeholders and solutions that need to come together to take action on climate change. It allows participants to rapidly assess the impacts of different solutions to climate change-like energy supply subsidies, energy efficiency, or land use changes. The game is conducted as a simulated emergency climate summit organized by the United Nations to establish a concrete plan to limit global warming by bringing together government, business, and civil society representatives. Taking part in the Climate Action Simulation improves participants' knowledge of the actions needed to address climate change, boosts both personal and emotional engagement with climate issues, and leaves participants feeling empowered to address climate change.

### Contact:

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