

2022-2023 SEE PROGRAM NONPUBLIC MIDDLE SCHOOL SEE SEMINARS

IMPORTANT REMINDERS for GIFTED SUPPORT TEACHERS:

- ✓ ONLY schools that complete the online Participation Interest Forms (on Google) 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 2022-23 Nonpublic SEE Seminars Schoology Group.
- ✓ Zoom links for Online SEE Seminars are under Resources in Schoology.
- ✓ When appropriate, 8th grade students are welcome to attend ONLINE high school seminars.
- ✓ Turn on NOTIFICATIONS in Schoology to receive important updates and communications regarding SEE Seminars.

NPMS – Survival in the Wilderness with Creek Exploration (Face to Face)

Date: Tuesday, September 27, 2022

Seminar Time: 9:00 AM - 1:30 PM

Location: Lancaster Central Park, Environmental Center, One Nature's Way, Lancaster, PA

Presenter: Lisa Sanchez, Naturalist

Participation Interest Form Due: **Friday, September 16, 2022**

Parent Registration Deadline: **Friday, September 23, 2022**

Description of Seminar: Join Naturalist Lisa Sanchez at the Lancaster County Environmental Center for a day of learning to survive in the wilds of Lancaster and Lebanon counties. The important things in a survival situation are food, water, shelter, and fire; and we will explore all of these. You will have the opportunity to build a shelter and safely try a few fire-starting methods. We will gather food in the woods and determine which plants and insects are safe to eat. Because water is vital in a survival situation, we will explore what life can be found in a creek and how to determine if it is healthy to eat. What makes water safe for drinking? Bring old shoes that will allow you to jump in the Mill Creek! If you are a fan of survival shows, here is your chance to practice the skills highlighted on television while learning important things about the environment in which we live. You will also practice the vital skills of teamwork, problem solving and collaboration! Dress for a lengthy outdoor experience.

NPMS – CS Zero Fundamentals – Python Coding from CMU (Face to Face)

Date: Tuesday, October 25, 2022

Seminar Time: 9:00 AM - 1:30 PM

Location: Lancaster-Lebanon IU13, Burle Business Park, 1020 New Holland Avenue, Lancaster, PA

Presenter: Judy Trusz, IU13 Nonpublic Math Consultant

Participation Interest Form Due: **Tuesday, October 18, 2022**

Parent Registration Deadline: **Friday, October 21, 2022**

Description of Seminar: The CMU CS Academy is a project from Carnegie Mellon University's School of Computer Science which developed a novel, world-class, interactive middle- and high-school computer science curriculum. SEE students will receive coding guidance from Judy Trusz, Nonpublic Math Consultant, while connecting with other students who have similar interests and skills. Using CS0 (CS Zero) as an introduction to programming, students will learn the basics of Python by drawing images and creating animations. They can expect interactive problem solving with new friends through a graphics-based curriculum which gives everyone something of interest — from art to games to algorithms! Coding is vitally important as a new language in the digital age. Logic and math skills are developed as well as problem-solving abilities. It often requires a "Fail Forward" attitude as mistakes will be made and persistence required.

NPMS – The Lasting Power of a Song (Face to Face)

Date: Thursday, November 3, 2022

Seminar Time: 9:00 AM - 1:30 PM

Location: Lancaster-Lebanon IU13, Burle Business Park, 1020 New Holland Avenue, Lancaster, PA

Presenter: Steven Courtney, Musician and Songwriter

Participation Interest Form Due: [Thursday, October 20, 2022](#)

Parent Registration Deadline: [Tuesday, November 1, 2022](#)

Description of Seminar: In this interactive seminar, students will explore the highly creative form of language that is songwriting. Studying and writing poetry allows us to play with language in a way that uniquely showcases emotion. What happens when we put those “poems” and thoughts to music? Throughout the seminar, led by award-winning musician, Steven Courtney, students will communicate thoughts and ideas via lyrics and songwriting. Time will be spent studying music genres and the effects of songwriting in various cultures around the world. If you are someone who loves language and enjoys music, this seminar will be a unique opportunity to learn from an accomplished musician who has been an Artist in Residence in many schools.

NPMS – Backyard Birding (Online)

Date: Friday, December 2, 2022

Seminar Time: 9:30 AM - 11:00 AM

Location: Online via Zoom

Presenter: Lisa Sanchez, Naturalist

Parent Registration Deadline: [Tuesday, November 29, 2022](#)

Description of Seminar: Leaves have fallen from the trees and some birds have migrated for the winter. Can you name some of those who remain in our region, enduring the cold temperatures and change of seasons? Why do some birds migrate, and others remain? Winter brings special opportunities to learn about birds, and many people do this by feeding them each winter. During this seminar, we will talk about a number of birds who remain in Pennsylvania during the winter - their life cycle, features, habitats, and identifying characteristics. Tips will be shared on encouraging birds to nest and feed in your backyard. If you are a fan of our feathered friends, this seminar is for you! Find out exactly what makes a bird a bird and how you can better appreciate and enjoy them. You might leave the seminar with some great ideas for making gifts for the bird lovers in your life.

NPMS – Esports: A Tool for Connection and Career Exploration (Online)

Date: Wednesday, December 14, 2022

Seminar Time: 12:30 - 2:00 PM

Location: Online via Zoom

Presenter: Rachel Odrosky, Esports Director

Parent Registration Deadline: [Monday, December 12, 2022](#)

Description of Seminar: Undoubtedly, esports is captivating the attention of our youth. In fact, 97% of our youth identify as gamers. Esports is growing in its popularity in schools across the country providing youth a safe place to connect and compete. In this presentation, we will discuss the benefits of esports beyond teamwork, communication, and strategic thinking. We will reveal how esports can be elevated beyond the game and used as a pathway to a student’s career exploration.

NPMS – Taking Your Visual Literacy Skills to the Next Level (Online)

Date: Friday, February 3, 2023
Seminar Time: 9:00-10:30 PM
Location: Online via Zoom
Presenter: Amber Kane, Arts Educator and Illustrator
Parent Registration Deadline: Tuesday, January 31, 2023

Description of Seminar: Have you ever looked at a painting, poster, or advertisement and wondered, what it means? How did the artists or designer decide what to put on the page? Images are all around you, and it's likely that you're also making a lot of images (still and video) yourself, do you think about the messages that you're communicating based on the visual elements that you use or don't use? You should!

In this workshop, you explore what personal aesthetics are and reflect on the role that they play in how we understand and create images. You'll look at images and learn how to break them down, part by part, to get a better sense of what the image says, and the role that your personal context and aesthetic play in understanding what you see. Take your visual literacy skills to the next level!

NPMS – The Science of Maple Sugar and Animal Tracking (Face to Face)

Date: Tuesday, February 28, 2023
Seminar Time: 9:30 AM - 1:30 PM
Locations: Lancaster County Central Park, Pavilion #11 **AND** Environmental Center, Lancaster, PA
Presenter: Lisa Sanchez, Naturalist
Participation Interest Form Due: Tuesday, January 10, 2023
Parent Registration Deadline: Friday, February 24, 2023

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 that 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. There will even be time for tasting a pancake or two with REAL maple syrup with lunch! We will also learn how maple sugar can be incorporated into cooking as a healthy option for refined sugar. **Bundle up** as we prepare to spend time outdoors in the Sugar Bush, using all our senses to enjoy this special winter treat.

Additional seminars are still being planned for Spring 2023.

CONTACT:

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