

# The Science of Maple Sugar and Animal Tracking

## Elementary School Grades 4-6

**Date:** Thursday, February 27, 2025

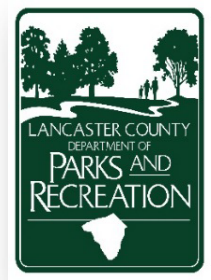
**Seminar Time:** 10:00AM-2:00PM

**Presenter:** Lisa Sanchez, Naturalist

**Drop-off Location:** Lancaster County Central Park, **Pavilion #11, 733 Williamson Road, Lancaster, PA**

**Pick-up Location:** Lancaster County Central Park, **Environmental Center, One Nature's Way, Lancaster, PA**

**Parent registration link:** Register [here](#) by February 20, 2025



**Description of Seminar:** On a cold February morning, do you need an interesting reminder about why 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. Lisa Sanchez, naturalist, 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 pain-staking) process and how it is done at Lancaster County Central Park or in your own backyard to 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 of our senses to enjoy this special winter treat. **A signed LANCASTER COUNTY ENVIRONMENTAL CENTER PROGRAM RELEASE OF LIABILITY form is required in order to partake in the edible portion of the seminar.**

**Transportation:** Transportation is **not** provided by IU13; schools or families are responsible for transportation arrangements, and IU13 guidelines must be followed. IU13 Transportation Guidelines can be found in Schoology.

**This seminar is aligned with PA Academic Standards in the following categories:** Environment & Ecology; Science & Technology and Engineering Education. *PA Academic Standards for this SEE Seminar can be found in Schoology Group under Resources.*

**Critical Thinking Skills to be developed through this seminar include:** Interaction with Others; Problem Solving; and Self-Directed Learning; Higher Level Thinking: Analysis, Evaluation.

**Presenter:** Lisa Sanchez, a naturalist with over 20 years of experience, earned her bachelor’s degree in Elementary Education from Millersville University. She considers herself fortunate to be working at the Lancaster County Environmental Center. Lisa considers the best part of her job to be the opportunity to spend time in the natural world and expose it to others in hands-on, interactive ways. If you have ever attended a SEE Seminar with Lisa, you know the experiences she offers are full of fun and learning. Her passion for the outdoors is contagious.

### What to Bring/Wear:

- Bagged lunch and drink **\*Please refrain from packing peanut/tree nut products\***
- Signed **LANCASTER COUNTY ENVIRONMENTAL CENTER PROGRAM RELEASE OF LIABILITY**
- **Please dress for the weather!** Wear warm clothes and boots – we will be outside for most of the seminar and will hike through the park from the Drop-off location to the Pick-up location.

***In case of inclement weather, visit [www.iu13.org](http://www.iu13.org).***

### Contact:

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