

STEAM EDUCATION

FOR CLIMATE LITERACY

Free opportunities to earn
STEM Clock Hours

FEBRUARY 2022

THURSDAYS 4:30-6:00 PM

SATURDAYS 10:00-11:30 AM



New for 2022! Registration and clock hours are provided for FREE to teachers in Tacoma and Pierce County, WA. Sign up for one or the whole series to receive the Zoom link and class materials. All sessions will provide a primary and secondary lesson plan. Workshops will not be recorded.

Session 1 - Let's Hear it for The Trees!

What is urban forestry and how can it help Tacoma mitigate the local impacts of climate change *and* improve air quality? In this workshop both primary and secondary grade teachers will learn about the background information and tools needed to teach students about the benefits of trees! Presenters will lead teachers through an interactive presentation and demonstrate a hands-on activity that they can replicate in their own classroom.

Instructors: City of Tacoma EnviroChallengers

Offered Thursday, 2/3 4:30-6pm or Saturday, 2/5 10-11:30am

Session 2 - Advanced Meters: Using Data to Change Our Behavior

As Tacoma Public Utilities installs new advanced meters throughout our service area, we gain a world of educational possibilities! Advanced meters will allow residential and education based customers to access detailed power and water usage data. Using this data, your students will be able to look at utility use patterns, usage behavior and devise ways to conserve. Come learn all about how advanced meters work from utility experts and explore how you can use this technology to create a more sustainable future.

Instructors: Tacoma Public Utilities Educators

Offered Thursday, 2/10 4:30-6pm or Saturday, 2/12 10-11:30am

Session 3 - Soil: Underfoot and Underappreciated

We often think about climate change as a battle being waged in the atmosphere. What if I told you that a potential gamechanger lies just under the earth's surface? Soil is a critical resource for many reasons, including its potential to absorb and store greenhouse gases. This workshop will highlight the value of soil in addressing climate change, and how it can be introduced in the classroom.

Instructors: Pierce Conservation District Environmental Educators

Offered Thursday, 2/17 4:30-6pm or Saturday, 2/19 10-11:30am

Session 4 - Fast Fashion: Clothing Too Hot for the Planet

The clothing industry, particularly fast fashion, is often an overlooked contributor to global climate change. Additionally, the working conditions and wages of garment workers are not equitable, fair, or socially responsible. This workshop will provide you with lessons, guidance, and practice that will help your students (K-12) begin to understand the impacts of the global clothing industry and get them thinking about alternatives as Pierce County residents.

Instructors: Pierce County Environmental Educators

Offered Thursday, 2/24 4:30-6pm or Saturday, 2/26 10-11:30am

Register here: <https://app.smartsheet.com/b/form/477f4e45240d428583c1a6e5a2dce8e6>