

WORKSHOP TENT A

WORKSHOP TENT B

WORKSHOP TENT C

WORKSHOP TENT D

Check in & Light Breakfast
8:30am-9:00am

Welcome & Announcements
9:00am-9:15am

CONCURRENT WORKSHOP SESSION I
9:30am-10:30am

Minding the Air: Mindful Breathing & Air Quality
 Kristen Tomasicchio & Melissa McCutcheon
 Avenues in Motion
 Teaching air quality through breath awareness - Calm your classroom with simple, fun, free breath exercises that help students appreciate clean air. These easily-adaptable activities help make science and environmental advocacy experiential and enjoyable and increase student wellbeing. We'll also discuss air quality monitoring, active transportation, and the benefits of mindful breathing.

Climate Change & Health: Models & Mitigations
 Pat Heaney & Vicki Allen
 The Watershed Institute
 Work in groups to construct a model using information from the American Public Health Association. Brainstorm solutions for adapting and mitigating the effects of climate change. Then play doctor and diagnose vector and water borne diseases. Teachers will receive the APHA Climate and Health Youth Education Tool Kit.

Nature's Intelligence: Benefits, Connections, and Engagements
 Dena Corbin
 Natural Ground 1
 Explore the relationship between mental well-being and interactions with nature. Participants will discover how spending time in nature can be an accessible and enjoyable approach to enhance overall well-being. Here we learn practical ways to integrate these harmonious interactions into our lives for enhanced mental well-being and a deeper connection with the natural world.

Sources and Health Effects of Plastic and Practical Solutions
 Janette Spiezio & Lois Kraus
 Sustainable Haus Mercantile, Westfield Green Team
 Learn more about the pervasiveness of plastic in everyday items, how plastic affects human health, how to be an educated consumer of products and information, and low- or zero-cost practical changes along with their benefits. Following, gain a variety of plastic-related explorations for educators to use with students K-12.

Explore the EE Trailer
 Kate Reilly & Lisa Davies, Duke Farms
 The EE trailer was designed to allow visitors of all ages, including those representing a wide range of environmental literacy, the opportunity to interact with an assortment of environmentally based games and displays.

CONCURRENT WORKSHOP SESSION II
10:45am-11:45am

Using Technology in the Outdoor Classroom for K-5 Students
 Kelli Shaughnessy & Michele Morey
 George L. Catrambone Elementary School
 This workshop is designed for K-5 classroom teachers who would like to incorporate technology and climate education into their daily lessons. This workshop will be led by student green team leaders, Michele Morey and Kelli Shaughnessy of the George L. Catrambone Elementary School in Long Branch, NJ.

Navigating Microfiber Pollution and Solutions
 Mindy Voss & Jodi Sackett
 NJ Sea Grant Consortium
 Plastics are polymers with varying densities. Using hands-on activities, students will learn about types of plastics, how they act in marine environments, and how they break down into microplastics. Through interactive field games students will discover the impact of plastic on marine animals, and investigate solutions.

Using Interactive Notebooks to Create Eco-Literacy
 Connie Sanchez
 Unity Charter School
 During the workshop, participants will be able to understand how interactive notebooking helps students understand scientific phenomena and develop eco-literacy. Participants will take part in a field walk to document food chains and then discuss how climate change impacts various organisms and disrupts ecosystems.

Mindfulness in Nature
 Anne Price
 Waterspirit
 Mindfulness is a practice on being aware of what you're sensing and feeling in the moment, without judgment. Participants will learn a few mindfulness techniques as we enjoy the healing comfort of nature. A yoga mat or towel is welcome as we will occasionally find comfortable positions either sitting or lying down on our journey.

Lunch, Exhibitors, Networking
12:00pm-1:30pm

CONCURRENT WORKSHOP SESSION III
1:45pm-2:45pm

Adventures in Community Science
 Ron Smith
 Haddonfield Memorial HS & Drexel University
 The need for Community Science in our world today is great. Impacts on habitat and biodiversity has brought an ever increasing number of species closer to extinction. Data to document species richness and abundance, community interactions and habitat quality can provide the conservation community with information to make sound and effective decisions and can guide next steps for study. Additionally, community science projects can bring people together, enhance educational opportunities, inspire young scientists and be integrated in school curricula. Join Ron Smith for a workshop exploring Adventures in Community Science. Ron is a veteran community scientist, educator and the author of the book with the same title - "Adventures in Community Science". We will explore data collection methods, planning for your field experiences, developing new projects and expanding existing initiatives. Dress for hands-on exploration.

Wild Edibles: Ethical Foraging for Health
 Joanne Lockwood White
 Sprout House
 Explore the current season's offering of plants that were meant for humans. We will find them every few steps and become aware of all the dos and don'ts. Your camera will be important for accuracy.

Topo Trouble: DIY Flood Scenario Models
 Susan Lewicki
 Meadowlands Environmental Center
 Current climate change patterns suggest that we will contend with increased frequency and severity of storm events and sea level rise. In this session, we'll participate in two activities to concretely model for students various flood scenarios. DIY tray models and a "stick-and-string" survey will demonstrate how topography influences rising waters. Student activities are applicable to most environments.

Social and Emotional Learning & Environmental Education: Perfect Together
 Maura Lincoln & Marian Janes
 NJ School of Conservation
 Challenged by integrating Social Emotional Learning (SEL) into your work? The NJ School of Conservation has paved the way for SEL for 75+ years. Meeting the needs of students and educators, the NJSOC has aligned our curricula with NJ Department of Education's SEL Competencies. Leave feeling inspired and armed with easily adaptable activities and lessons.

CONCURRENT WORKSHOP SESSION IV
3:00pm-4:00pm

Gamifying Complex Climate Change Topics for Kids
 Heather Natola
 The Raptor Trust
 Communicating climate change is often too complicated, or too depressing to have a meaningful conversation. Using simple games can help students visualize abstract concepts like biodiversity loss and shifting baselines, without dwelling on the awful prospect of unchecked climate change. Incorporating math, art, and teamwork components creates a well-rounded learning experience that can engage multiple learning styles.

Forest Bathing
 Aaron Schomburg
 Princeton Day School
 During our busy lives, we all need strategies and methods to promote a balanced approach to health and wellness. The Japanese practice, Shinrin Yoku or forest bathing is an accessible and effective way for all individuals to reconnect to the More Than Human World and benefit both physically and mentally.

NJ Botanical Literacy: Local Pollinators and Their Plant Partners
 Eva Popp
 NJ Department of Environmental Protection
 Get to know NJ's pollinators and their co-evolutionary plant partners! Learn to turn your questions and observations into a full-fledged field study. Collect and analyze field data to measure local pollinator biodiversity and ponder potential impacts of climate change on these invaluable insects and the plants they depend on.

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