

These workshops are just a sampling of what we offer. If you don't see something here that suits your needs or vision, please contact us and we will design an experience that works for you and your students.

Most workshops are adaptable to various ages and learning results. Some of the topics listed below are from the NGSS. Emphasis is given to certain topics depending on the grade level of participants. For example, in "All About Trees" an activity to demonstrate heredity would be emphasized for participants in grades K-2..

Workshop Title	Topics	Grade level	Duration
Create an exhibit: Moss and Lichens	Classification, ecosystems, observation, symbiosis, plants and fungus	K-adult	2 hrs to a full day
Create an Interpretive Trail	Reading, writing, research skills, photography, photo editing, design, community connections, plants, animals, adaptation, life	3-adult	1.5 hour to full day*
All about Bears <i>Games; hands-on activity; demonstration</i>	Taxonomy; adaptations, habitat, ecosystems, food webs, engineering and design, diversity, survival: traits, behavior and senses	K-8	1-2 hr
All about Deer <i>Games, hands-on activities; demonstrations</i>	Taxonomy; adaptations, habitat, ecosystems, food webs, patterns and survival, diversity, survival: traits, behavior and senses, limiting factors	K-8	1-2 hr
All about Trees <i>Games, hands on activities, demonstrations, project</i>	Heredity, diversity, structure & function, photosynthesis	K-8	1 hr
Super Seeds <i>Gather seeds on a walk; demonstration; design challenge</i>	Ecosystem interactions, spreading of seeds, design cycle, STEAM, pollination, pollinators	K-8	2 hr
Mystery Mammal <i>Game, art project, design challenge</i>	Adaptations, STEAM, diversity, patterns and survival: traits, behavior and senses,	K-5	1-1.5 hr
Ecosystem in a Bottle	Ecosystems and the movement of	2-8	1 hr

<i>Science project</i>	matter		
The Rock Cycle Around Us <i>Outdoor exploration; Hands-on activity</i>	Rock cycle,	4-8	2 hr
Nature Journaling: make and use a nature journal	ELA, mindfulness, observation, analysis	2-adult	2 hr
Art in Nature: inspired by Andy Goldworthy	Art, resources, ethics	K-8	1.5 hr
Mindfulness Outdoors	Observation, mindfulness	K-adult	30-40 min
Digging in the Dirt <i>Observations, collecting, hands-on lesson, design challenge</i> <i>Use a berlese funnel to see small organisms that live in the soil</i>	Water filtration, difference between dirt and soil; how dirt and soil are formed; observation; classification	4-8	1-2 hr
Bug trapping: <i>build a pitfall trap and a pooter to examine insects</i> <i>Combine with nature journaling</i>	Diversity, ethics, adaptations, behavior	2-adult	varies
Leave No Trace: <i>Hands-on and interactive activities</i>	Responsibility, stewardship, ethics, decomposition, community	3-adult	1 hr
Fascinating Fossils <i>Hands on activity, making fossils three ways</i>	Fossils as evidence of life forms that no longer exist, stratification	3-adult	1 hr
Geometry in Nature <i>how to use shadows to measure the height of a tree; using string to draw a circle representing the root system of a tree; collecting and examining specimens to find examples of fibonacci sequence; plant a tree with consideration to space and other environmental conditions required</i>	Ratios; fibonacci sequence; diameter and circumference; all connected to nature; writing and presenting a proposal (for where the best location for a specific tree species would be)	6-12	1.5 hrs*
Nature Walk	Quiet walking, observing,	K-adult	varies
Star Party! <i>Working with a local astronomy club, this workshop helps teachers and PTO plan a Community Star Party and generate student involvement and excitement.</i>	Stars, solar system, galaxy, universe, scale, age of various objects in the universe, research, public speaking and/or informational design	K-adult	time varies

<i>Students will learn about stars and our solar system through active, creative lessons such as creating a model of the solar system a half mile long, making and using an astrolabe, and making constellation art outside</i>			
Our Watershed	Water cycle, pollution, ethics, reading a topo,		

* These workshops include place based projects to be completed by the teacher.
Remember, teachers may contact us for support.