



Lake Superior Stewardship Initiative

A partnership of

Copper Country & Gogebic-Ontonagon Intermediate School Districts and Michigan Technological University
Serving schools and communities in Houghton, Baraga, Gogebic, Ontonagon, and Keweenaw Counties

Website: <http://lakesuperiorstewardship.org>



Lake Superior Stewardship Initiative (LSSI) School-Team Projects (updated Nov, 2023)

Serving 12 school community teams from five counties; 43 teachers; 1,581 students; 20+ active community partners.

Elementary School	Project Description	Teachers	Community Partners
Arvon Township School (Arvon Township School) Gr. K-8 (12 students) <i>LSSI Mini- & Seed Grant Funding</i>	<p align="center">ATS School Sustainment Garden</p> <p>In Y2 of the school garden project, focus is on developing a composting system for soil regeneration and adding native species to increase monarch butterfly pollinators. Students will also participate in beach clean ups and information libraries at three Baraga County beaches. Schoolyard maple syringing will produce syrup for home consumption.</p>	Kristina Waara, Lead Mary DeLine, School Board President Jane VanBuren	Keweenaw Bay Indian Community - Natural Resources Department Skanee Farmer's Market Skanee Woods Superior Watersheds Partnership
Barkell Elementary (Hancock Public Schools) Gr. K-5 (297 students) <i>LSSI Seed Grant Funding</i>	<p align="center">Birds in our Backyard!</p> <p>With help from the HS Industrial Arts class, students will build birdhouses and feeders to be placed around the community. They will research local birds, their needs, and determine proper design and placement of the houses while learning about their importance in the community.</p>	Becky Johnson, Lead Daniel Vaara, Principal Erik Johnson	Copper Country Audubon Wild Ones Keweenaw Chapter
Chassell Elementary (Chassell Township Schools) Gr. K-5 (96 students) <i>LSSI Seed Grant Funding</i>	<p align="center">Chassell Township School Garden</p> <p>Chassell's school garden serves as a space for the school to work together, learn sustainable plant growing and harvesting techniques, and to experience the joy of gardening in what will become a lifetime practice. Grow lights will allow more classes to become involved year round.</p>	Josh Normand, Lead Marco Guidotti- Superintendent & Elementary Principal Beth Squires	Chassell Middle & High School
CLK Elementary (Public Schools of Calumet-Laurium-Keweenaw) Gr. K-5 (120 students) <i>LSSI Seed Grant Funding</i>	<p align="center">Linking Garden to Community!</p> <p>Raised beds, native plants, a sunflower house, and a pasty garden - what could better serve to illustrate our schoolwide farm to school focus? The garden provides learning opportunities for all students so that by the end of 5th grade, students will understand the ecological and health benefits of active involvement in local food systems.</p>	Erin Johnson, Lead Matt Hampton - Principal Jenni Torla Julia Sykes Heather Hainault Tristan Baranowski	Jean McParland, individual
Copper Island Academy (Copper Island Academy) Gr. K-8 (358 students) <i>LSSI Mini- Grant Funding</i>	<p align="center">Growing Natural Solutions</p> <p>The stewardship project will be to design and build a native plant rain garden on school grounds to mitigate the effect of stormwater on soil erosion.</p>	Margret Hanson, Lead Matt Laho - Administrator Abby Sayen Brett Karnitz	Moyle Construction MTU College of Forest Resources and Environmental Science Wild Ones Keweenaw Chapter
Houghton Elementary School (Houghton-Portage Township School District) Gr. 3, 4, 5 (150 students) <i>LSSI Seed Grant Funding</i>	<p align="center">Getting to Know our Farmers!</p> <p>Students will have the opportunity to meet the farmers who provide fresh vegetables to our school lunch program. Sampling new foods and learning about farming will inspire them to produce art that will decorate the farm-to-table mural on display in the cafeteria.</p>	Gael Filpus, Lead Cole Klein, Principal Laurel Givens Melissa Hronkin	Boersma Farm North Harvest Farms Mother Farmer Sharen Sam's Sprouts Gina Kerr

<p>T.R. Davis Elementary (Dollar Bay-Tamarack City Area Schools)</p> <p>Gr. 3-5 (61 students) <i>LSSI Mini-& Seed Grant Funding</i></p>	<p align="center">Garden Finale / Branching Out</p> <p>Perennial wildflowers will be planted in the last open spot of the school garden and seeds will be shared with families to encourage home gardening. Students will move into the community for a trash pick up around town and at an area beach as they learn about the impact of litter on runoff in the watershed.</p>	<p>Carrie Meneguzzo, Lead Christina Norland - Superintendent Dan Stahl Jess Poirier</p>	<p>Keweenaw Wild Bird REC</p>
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Middle School	Project Description	Teachers	Community Partners
<p>Chassell Middle School (Chassell Township Schools)</p> <p>Gr. K12 (199 students) <i>LSSI Mini- & Seed Grant Funding</i></p>	<p align="center">Monitoring Chassell School Forest Biodiversity & Weather</p> <p>The goal of the biodiversity and weather project is to identify species in the school forest each year, observe species interactions, and record weather patterns to observe how they correspond to the biodiversity data that is collected. Studies of aquatic organisms from the Pike River will be brought into the study through underwater digital cameras.</p>	<p>Elizabeth Squires, Lead Tricia Tervo - MS/HS Principal Mark Ware Josh Normand Diane Esterline</p>	<p>Keweenaw Bay Indian Community Natural Resources Department MTU Dept. of Biological Sciences MTU Forest Resources and Environmental Sciences</p>
<p>Lake Linden-Hubbell MS/HS (Lake Linden-Hubbell School District)</p> <p>Gr. 6-12 (100 students) <i>LSSI Seed Grant Funding</i></p>	<p align="center">Bird Monitoring at the School Forest and Lake Linden Sands</p> <p>Students have expressed an interest in learning more about the birds and natural areas at the school forest and when visiting the Lake Linden Sands. Bird feeder game cameras will help with identification and to learn more about bird language.</p>	<p>Nick Squires, Lead Brad Codere - MS/HS Principal Robert Stenger</p>	<p>Copper Country Audubon</p>
<p>Washington Middle School (Public Schools of C-L-K)</p> <p>Gr. 6 & 7 (171 students) <i>LSSI Mini-Grant Funding</i></p>	<p align="center">Superior Stewardship</p> <p>Students will gather data & make informed choices in writing a plan that promotes the sustainability of our forested resources which filter the waters of the Lake Superior watershed. Students will also plant native lupine attempting to control invasive knapweed and conduct an Adopt-a-Beach cleanup at a township park. The Forest Management Plan will be presented to the Township and to the school district.</p>	<p>John Asiala, Lead Joel Asiala - Gr. 6-8 Principal Frank Bonacorsi Michael Goldsworthy Kassandra Huhta, Amy Machiela Tim Porter, Tyler Sykes</p>	<p>Alliance for the Great Lakes Calumet Township Green Timber Darrell Hendrickson, teacher consultant Keweenaw National Historical Park</p>

High School	Project Description	Teachers	Community Partners
<p>Calumet High School (Public Schools of Calumet-Laurium-Keweenaw)</p> <p>Gr. 9-12 (80 Students) <i>LSSI Seed Grant Funding</i></p>	<p align="center">Connecting Students to Watershed via Seeds and Art</p> <p>Exploring special places and their geologic, natural, and human history will set the stage for the year's study, culminating in a zine, <i>The Watershed</i>. The publication will serve as a blueprint for a mural to be permanently displayed in the high school</p>	<p>Susan Rosemurgy, Lead Jennifer Peters, Principal</p>	<p>MTU Great Lakes Research Center</p>
<p>CCISD Learning Center (Copper Country Intermediate School District)</p> <p>Gr. K- Adult (90 Students) <i>LSSI Mini- & Seed Grant Funding</i></p>	<p align="center">Being Better Soil Stewards Through Composting</p> <p>Using food service scraps, remnants from staff lunches, and paper materials from the building, students will create compost for the school's raised beds, flower beds, and surrounding trees and shrubs across the campus.</p>	<p>Karyn Juntunen, Lead Maria Horner Rick Asiala Amber Swetich Suzanne Baker Elizabeth Sounds, RaNae Voskuh</p>	<p>MTU Sustainability Demonstration House</p>

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