



*Western Upper Peninsula Center for  
Science, Mathematics and Environmental Education*

*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 Dec. 6, 2012)

LSSI engages 14 Schools, 9 school districts 2250 K-12 students, 75 teachers, and 40 Community Partners

Elementary School	Project Description	Teachers	Community Partners
<b>Baraga Area Schools</b> (Baraga Area Schools)  <b>Gr. K-12</b> (165 students)	<b>Focus on the School Forest</b>  Kindergarten students will use the school forest as an outdoor classroom, familiarizing the school community with its value. High School students will design and conduct a research project using the school forest, and will develop a long-term database for the school forest with a forest management plan.	<b>Dorrena L. Scharlow</b> <b>Jennifer Lynn-Principal</b> John Filpus Bob Foster Ben Johnson Lisa Wilson	Keweenaw Bay Indian Community – Dept of Natural Resources Plum Creek Timber Inc. Byron Sailor, retired DNR forester & Baraga School Board member
<b>Barkell Elementary</b> (Hancock Public Schools)  <b>Gr. 1-5</b> (210students)	<b>Stewardship Garden</b>  Removal of invasive and replacement with native species as part of a school landscaping plan; design and construct rain garden to capture storm-water runoff from school parking; plant vegetable garden as vehicle to instruct students in the benefits of locally grown, pesticide-free food vs. imported foods.	<b>Leona Blessing</b> <b>Howard Parmentier-Principal</b> Amanda Address Gladys Dupuis Sally Fortin Julie Gades Cole Klein Lynn Koivisto Scott Mentel Alish Pihlaja Melanie Walls	BHK Great Explorations City of Hancock Copper Country Mental Health Cypress Manor Finlandia University
<b>C.J. Sullivan Elementary</b> (L'Anse Area Schools)  <b>Gr. 1-5</b> (351 students)	<b>Our Special Place at School</b>  Design and construct a Nature Trail at the L'Anse School Forest adjacent to the school, which will be used as an educational tool for teaching Michigan GLCEs in Grades 1-5 and a recreational resource for the community.	<b>Helen Stenvig</b> <b>Tom Sprague-Principal</b> Randy Cadeau Stacey Erskine Emily Gasperich Janet Gerzetch Kathy Gobert Anne Schumer	Keweenaw Bay Indian Community – Fish Hatchery Keweenaw Land Trust Ottawa National Forest Plum Creek Timber Inc.

Elementary School	Project Description	Teachers	Community Partners
<p><b>CLK Elementary</b> (Public Schools of C-L-K)</p> <p><b>Gr. K-5</b> <b>(698 students)</b></p>	<p><b>Outdoor Learning at CLK</b></p> <p>Develop all-season outdoor learning opportunities for teachers and students utilizing CLK Heritage Garden, natural playscape, and the Calumet Township Lions Club Park. Lessons will be developed for each grade level for three season outdoor learning experiences.</p>	<p>Michelle Seppanen Janel Summers</p> <p><b>Stacy Lancour</b> <b>Karyn King-Principal</b> Julie Dlubala Julie Fenton Barb Kinnunen-Skidmore Anita Levy Deb Mues Jenni Rautio Melissa Schneiderhan Kathy Wetton</p>	<p>Calumet Lions Club Calumet Township Keweenaw National Historical Park Strom Farm Western UP Health Department's Healthy Kids-Healthy Communities Program</p>
<p><b>E.B. Holman</b> (Stanton Township Schools)</p> <p><b>Gr. 1, 4, 6, 7 &amp; 8</b> <b>(57 students)</b></p>	<p><b>Environmental &amp; Outdoor Education</b></p> <p>Conduct plot studies to compare two sites: the Marsin Preserve (owned by the Keweenaw Land Trust) and the Stanton Township Forest. Forest, birds, salamanders and water quality will be inventoried and monitored.</p>	<p><b>Jean Dunstan</b> <b>Mary Durocher-Principal</b> Deirdre Erbisch Janet Larson</p>	<p>Copper Country Audubon Club Green Timber Forest Consultants Horner Flooring Keweenaw Land Trust Michigan Tech Forest &amp; Environmental Resource Management (FERM) Stanton Township Board</p>
<p><b>Lake Linden-Hubbell Elementary School</b> (Lake Linden –Hubbell Public Schools)</p> <p><b>Gr. 5-6</b> <b>(86 students)</b></p>	<p><b>Lake Linden Interpretive Disc Golf Course</b></p> <p>Design and construct a Disc Golf course at Lake Linden Village Park that incorporates exercise, history, nature interpretation, and economic development.</p>	<p><b>Chris Rebman</b> <b>Craig Sundblad-Principal</b> Brad Codere Mike Greene Gary Guisfredi Laura Rowe</p>	<p>The Bike Shop Village of Lake Linden Halonen Landscaping Lake Linden Downtown Development Authority</p>

Middle School	Project Description	Teachers	Community Partners
<p><b>Hancock Middle School</b> (Hancock Public Schools)</p> <p><b>Gr. 7-8</b> <b>(200 students)</b></p>	<p><b>Paavola Wetlands Partnership</b></p> <p>Develop a course, "Service Learning," and new projects for "Self and Community." Both courses will integrate place-based education into the curriculum and conduct hands-on service-learning projects.</p>	<p><b>Heather Bradway</b> <b>Monica Healy-Principal</b> Matt Dennis Ardys Maki Sue Zubiena</p>	<p>City of Hancock Keweenaw Land Trust</p>
<p><b>Lake Linden-Hubbell Middle - High School</b> (Lake Linden-Hubbell Public Schools)</p> <p><b>Gr. 8 (86 students)</b></p>	<p><b>Our River, Our Lake, Our Community</b></p> <p>Traprock Watershed monitoring and low impact recreation opportunities. Inform residents and visitors of area's unique history.</p>	<p><b>Nick Squires</b> <b>Craig Sundblad-Principal</b> Jessica Klein Heather Heinz Jennifer Johnson Clint Heikkila Danielle Alfafara Jennifer Saaranen</p>	<p>US EPA USDA Natural Resources Conservation Service Village of Lake Linden</p>
<p><b>Washington Middle School</b> (Public Schools of C-L-K)</p> <p><b>Gr. 6-7</b> <b>(234 students)</b></p>	<p><b>Lake Superior Stewardship</b></p> <p>Integrate Lake Superior stewardship across the curriculum; expand current Adopt-a-Beach and school forest programs.</p>	<p><b>Darrell Hendrickson</b> <b>Mike Steber-Principal</b> John Asiala Michelle Bosscher Julie Goldsworthy Margery Gronlund Steve Lancour John Larson John Lund Amy Machiela Kelly Roland Trista Soumis Kristin Svoke</p>	<p>Alliance for the Great Lakes BHK Great Explorations Calumet Township Keweenaw Historical National Park</p>

High School	Project Description	Teachers	Community Partners
<p><b>Chassell High School</b> (Chassell Township Schools)</p> <p><b>Gr. 9-12</b> <b>(60 students)</b></p>	<p><b>Stewarding the Pilgrim River Watershed</b></p> <p>Raising environmental awareness and appreciation for nature through school recycling program and stewardship of the Pilgrim River Watershed---buckthorn removal, Leave No Trace principles and trail maintenance.</p>	<p><b>Mark Ware</b> <b>George Stockero-Principal</b> Mary Markham</p>	<p>Chassell Township Schools Houghton-Keweenaw County Conservation District Keweenaw Land Trust Pilgrim River Watershed Peter Wolf Chapter of the North Country Trail Association</p>
<p><b>Dollar Bay High School</b> (Dollar Bay-Tamarack City Area Schools)</p> <p><b>Gr. 7-12</b> <b>(54 students)</b></p>	<p><b>Researching Local Waters Using ROVs</b></p> <p>Develop a two trimester science elective course, which involves students designing, constructing, and testing Remotely-Operated Vehicles (ROV) to conduct research below the water's surface.</p>	<p><b>Matt Zimmer</b> <b>Bill Rivest-Principal</b> Sara Moilanen Kim Rogan</p>	<p>Isle Royale National Park Michigan Tech High School Enterprise Onigaming Yacht Club</p>
<p><b>Hancock High School</b> (Hancock Public Schools)</p> <p><b>Gr. 11</b> <b>(14 students)</b></p>	<p><b>PEAK (Partnering for the Environment &amp; Academics in the Keweenaw)</b></p> <p>PEAK: a year-long, junior level 2-credit interdisciplinary science &amp; English class. Students design and implement projects that benefit the school, community and environment.</p>	<p><b>Brian Rajdl</b> <b>John Sanregret-Principal</b> Stephen Smith</p>	<p>Hancock Middle School Isle Royale Institute Keweenaw Land Trust Michigan Department of Natural Resources and Environment: Fisheries Division MTU Center for Water and Society Ottawa National Forest</p>
<p><b>Jeffers High School</b> (Adams Township School District)</p> <p><b>Grades 7-12</b> <b>(240 students)</b></p>	<p><b>Lake Perrault &amp; Brown Nature Sanctuary: An Outdoor Classroom and Window to the Community</b></p> <p>Develop a community nature trail around Lake Perrault (DNR ownership), headwaters of the Salmon Trout River, and develop an interpretive trail at the adjacent Brown Nature Sanctuary (Michigan Nature Association ownership).</p>	<p><b>Mike Benda</b> <b>Cindy McCormick</b> <b>Tim Keteri-Principal</b> Ken Kangas Jason Koski Steve Lishinski Gary Miller Jen Pera Lisa Raffaelli Cheryl Ruohonen Wendy Smith Terry Wuorinen</p>	<p>Adams Township Board of Supervisors Copper Country Trout Unlimited Isle Royale Institute Michigan Department of Natural Resources and Environment Michigan Nature Association Sarah Sargeant Pain Historical Society</p>