



## Community-Based Education in Stanton Twp.

EB Holman students (4th, 5th, and 8th grade) are using the scientific method while comparing a hardwood forest (Stanton Township Forest) to a wetland ecosystem (Marsin Nature Center) as a part of their Lake Superior Stewardship Initiative project. We are thankful to our many community partners who are enriching student learning.

The LSSI team is surveying two different forest ecosystems, identifying and measuring tree species, and studying the canopy cover and understory. The team is also taking salamander counts as bio-indicators and bird counts to determine which species live in each ecosystem.

The year began with E.B. Holman's annual Adopt-A-Beach event at North Canal Park, and the LSSI team later presented clean-up results to the Stanton Twp. Board. A new park sign, designed by students with the

help of Laura Smyth, was posted at North Canal Park this spring.

Parents came in December to learn how to use GPS receivers. The class was well received, and another is planned for next year.

This spring, authors Leslie DuTemple and Laura Smyth shared their knowledge and expertise in the field of publishing books and graphic design with students.

Historical information on both Oskar and Liminga has been gathered through interviews with area residents, giving a picture of past agricultural and industrial activities. Local historian Barb Koski, presented on the nation's only school train, which once ran from Freda and Redridge to Painesdale. Barry James, an education consultant for the Iron Mining Museum in Negaunee, presented a hands-on program that described what life was like during the mining boom.

## Community Partners

- Copper Country Audubon Society (Dana Richter)
- MTU Forest and Environmental Resource Management (FERM)
- Keweenaw Land Trust
- Stanton Township Board
- Thimbleberry Press (Laura Smyth)



## E.B. Holman School 2009-10 School Year:

- 3 teachers
- 3 classrooms (grades 4, 5, 8)
- 36 students

## Mission Statement

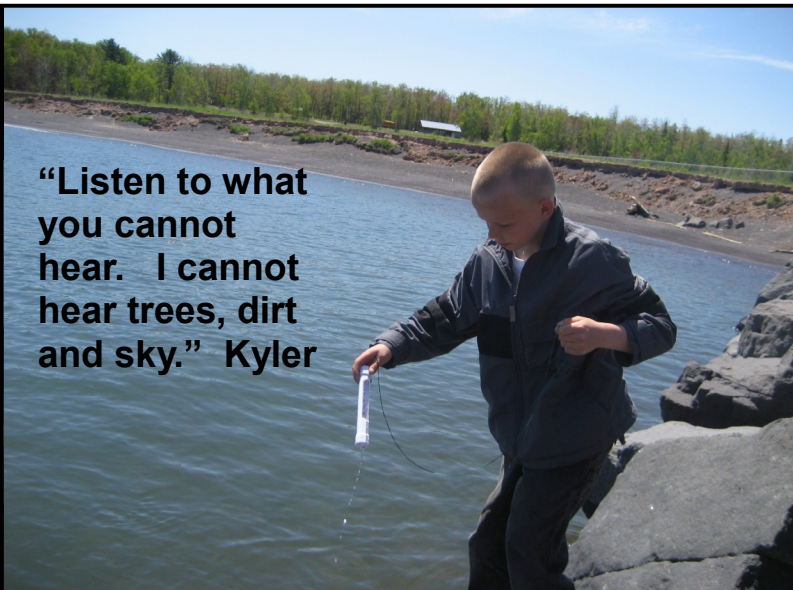
Knowledge of the land's past and present inspires passion, appreciation, and stewardship for the future.



**"Outdoor education is a go-getter way to learn about nature."**  
Annika



**"Listen to what you cannot hear. I cannot hear trees, dirt and sky."** Kyler



**"Today I liked it; it was fun. My snowshoes didn't come off! Good thing."** Sylvia

### **E.B. Holman Outdoor Education Activities**

- Plot studies, salamander boards, bird studies, tree identification
- GPS mapping and geo-caching
- Adopt-a-Beach (collecting, sorting, and counting trash)
- Hiking, snowshoeing, cross country skiing
- Discovering new places
- Students mentoring students
- Interviewing elders
- Teacher professional development
- Learning about community, working with community partners
- Student-led community presentations



***As a part of this year's Lake Superior Stewardship Initiative project, Kindergarten through third grade teachers and students enjoyed Forest Field trips in the Fall, Winter, and Spring. We enjoyed seeing the excitement on the kids' faces!*** -Teacher quote

Measured trees at Stanton Forest and Marsin Center for the first time. Learned to use GPS.

Dana Richter came to tell us about birds. He brought the birds a deer carcass!

Visited Stanton Forest to measure trees.

Cross country skiing at MTU trails. Publisher/author Laura Smyth visit.

Built bird houses. Raptor study on Brockway Mtn.

School Board, Marsin, and Stanton Twp presentations. Visit to Porkies.

**October**

**November**

**December**

**January**

**February**

**March**

**April**

**May**



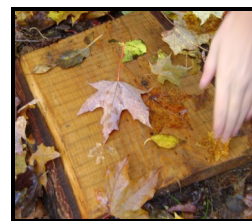
Put up bird feeders at school.

Students train parents in GPS.

Birds arrive at feeders!

Trip to Stanton & Marsin plots.

Author visit Lesley DuTemple



## **2009—2010 Timeline of Activities**