

# E.B. Holman Outdoor & Environmental Education



## E.B. Holman School 2013 - 2014 School Year

- 3 teachers
- Grades 4, 6 & 8

### **Learning Outdoors - Year Round at EBH!**

- Plot studies, salamander boards, tree ID
- GPS mapping
- Geo-caching
- Adopt-a-Beach (collecting, sorting, and counting trash)
- Hiking, snowshoeing, cross country skiing
- Gardening and composting
- Bird studies
- Orienteering
- Outdoor classroom ~ outdoor activities
- Animal tracking and survival lessons
- Discovering new places
- Learning about community, working with community partners
- Student-led community presentations

### **Place-Based Education in Stanton Township**

EB Holman students (4th, 6th, 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. .

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.

We are thankful to our many community partners who are enriching student learning.

### **Community Partners**

- Copper Country Audubon
- Green Timber Forestry
- Keweenaw Land Trust
- Stanton Township Board

### **Professional Learning Community**

In the Spring of 2013, EB Holman parents, teachers, and community members participated in a book study which led to the creation of a square foot garden and composting station on the school campus. Students continue to engage in gardening activities across grade levels, and are learning about healthy eating and low-impact, environmentally friendly gardening strategies.



Expanding classrooms. Strengthening communities.





### Mission Statement

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

Adopt-a-Beach at North Canal Park. Grades K-8 clean up. Grades 4-8 sort and record data

Teachers present at national Place-based Education conference

Student presentation: GPS Training for parents

Water quality sampling and macroinvertebrate study at MTU. Marsin tree study

## 2013 - 2014 Timeline

Dr. Dana Richter visits from the Copper Country Audubon Society

Barb Koski - Stanton Township Lifesaving Station presentation

Classroom bird study & outdoor field trips

On-going gardening activities and fall 2014 harvest!

### **Global Watershed**

Sponsored by the National Science Foundation, the MTU Global Watershed program has placed PhD student, Hans Lechner, at E.B. Holman. Mr. Lechner helps create lesson plans and activities that transfer his doctoral research on watershed science topics to the classroom. This program is intended to help teachers establish inquiry-based research as an integral component of their courses and to strengthen learning, providing a unique experience for E.B. Holman students.