



Developing Middle & High School Students to Become Urban Forest Stewards

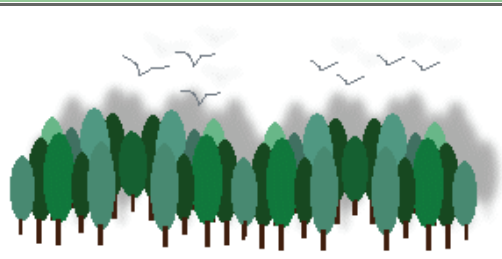
ALL Gr. 5-12 Teachers in Detroit Schools Are Invited to Participate in a One-Year Forestry Education Training Program

APPLICATION DEADLINE:
October 1st, 2011.

Priority given to new participants and teams of 2 teachers from same school. Selected on first-come basis.

Join a year-long (Oct. 2011-June 2012) Forestry Education Initiative focused on enhancing students' knowledge of Michigan forests and developing a sense of forest stewardship among urban students in Detroit.

Limited to 20 Middle or High School Teachers in Detroit schools.



How Teacher Participants Will Benefit:

1. Opportunity to attend **3 forestry education Saturday workshops and a summer forestry institute on Belle Isle** which will connect to Michigan GLCEs for Grades 5-12 for science, math and social studies.
2. **Opportunity to earn 5 graduate credits from Michigan Technological University** at no additional cost (supported by MTU departmental stipend).
3. Receive classroom resources—at least 3 activity guides.
4. **Receive funding for classroom/field supplies, creation of native garden at school, and travel stipend for 3 field trips to Belle Isle.**

Program Requirements of Teacher Participants:

- Attend 3 six-hour workshops (on Saturdays) during 2011-12 school year (Oct. 22, Dec. 3, March 17).
- Attend 5-day summer institute June 18- 22, 2012 on Belle Isle.
- Pay \$50 program participation fee, if accepted.
- Take students on 3 field trips to Belle Isle to plan & implement a forest stewardship project
- Help plan and conduct one family/community event on Belle Isle.
- Plan and create a garden with native plants at your school (supplies & training provided)

Sponsors

Michigan Alliance for Environmental and Outdoor Education
Michigan Technological University
Belle Isle Nature Zoo ♦ Michigan Forest Foundation
Hawk Woods Nature Center ♦ Michigan Project Learning Tree
Build On ♦ Detroit Public Schools

Supported with a 2-year grant from the USDA Forest Service.



Developing Middle/High School Students as Urban Forest Stewards in Detroit

2011-2012 Teacher Professional Development Schedule

Workshops are **FREE to Detroit School teachers**. To participate in the Initiative, teachers must attend all **THREE** Saturday workshops and the 2012 Summer Forestry Institute. **Limited to 20 participants per year**. Classroom supplies provided \$50 program participation fee will be charged to cover all 3 lunches at the workshops and 5 lunches at the summer institute.



Introduction to Urban Forestry

9 am-3:30 pm, Sat., Oct. 22, 2011 Belle Isle Nature Zoo

Program Overview, Tree Identification, Forest Health, Invasive Species, Forest Stewardship

Presenters: Maria Ferreira, *Wayne State University (invited)*
Suzanne Campbell, *Michigan Natural Resources Inventory (invited)*

Caring for Our Urban Forests

9 am -3:30 pm, Sat., Dec. 3, 2011 Belle Isle Nature Zoo

Learn how to be a forester! Topics covered include: Forest Measurements, Plot Sampling, and Forest Management.

Presenter: Kevin Sayers (MDNR), David Glenn (ret. teacher), Donald Dickmann (MSU) *(invited)*



Creating Schoolyard Natural Areas

9 am -3:30 pm, Saturday March 17, 2012 Belle Isle Nature Zoo

Create a native plant garden at your school. Select the best site, gather materials, recruit volunteers, strategies for caring for your school garden, involving the school community.

Presenter: Sarah Halson, Greening of Detroit



2012 Summer Forestry Institute on Belle Isle

8:30 am – 5:00 pm, Monday-Friday, June 18-22, 2012

Learn how to bring forests into your classroom! Institute topics include:

Forest Ecology, Soils, Forest Health, Insect Pests & Diseases, Tour of active logging site & lumber mill. **June 20th Overnight at Hawk Woods Nature Center in Auburn Hills.*

Presenters: Michigan Tech faculty, DNR biologists, USFS foresters, Michigan Forest Foundation



