

Environmental Heroes Project

- Objectives:**
- 1) Students will become familiar with important American environmentalists and their writings.
 - 2) Students will learn how to use simple identification keys to identify local deciduous trees, coniferous trees and related items.

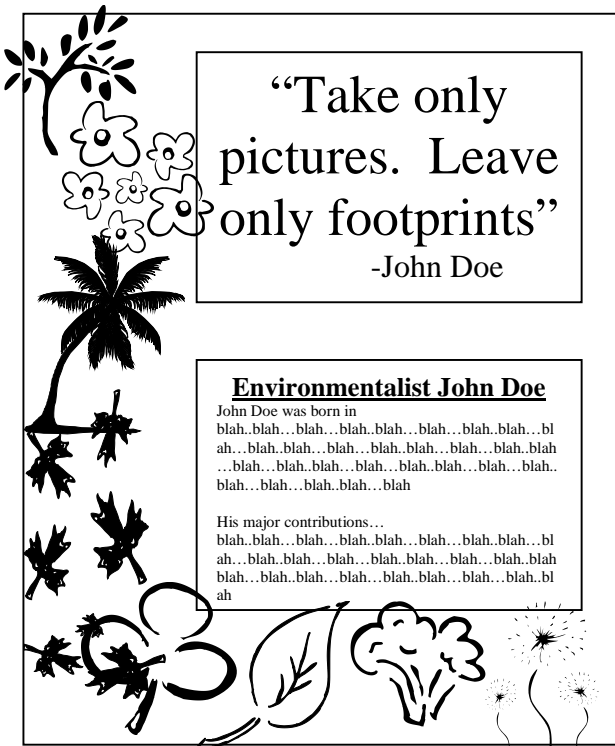
Project Design: On paper provided, students will create a border using pressed leaves, needles, and other items. The border need not cover the entire outer edge of the poster, but must cover at least 2 edges. A minimum of 10 different species of trees must be used in the design. Wild and domestic flowers and shrubs may also be used, but do not require identification. 2 pieces of paper will contain (1) a quotation from the assigned American environmentalist (Quotations that reflect and ecological idea should be chosen), and (2) a brief biography (1 to 2 paragraphs) explaining a brief history of the person and his or her significance in promoting environmental awareness to the United States and in some cases, more specifically, Wisconsin.

On the back of the poster, a “key” on a separate sheet of paper must accompany the poster. The key will show the names and locations of leaves on the poster.

This poster may be completed in pairs or by an individual.

The poster will be worth 50 points. Those posters showing a high degree of effort and creativity may receive additional points.

Here are some possible design formats for your poster to give you a general idea: (Other designs are acceptable)



Remember the KEY on the back of your poster!!!!

Environmental Poster Project Scoring Rubric

Leaves or needles of Trees	10 or more on poster 10	7-9 on poster 9 8 7	4-6 on poster 6 5 4	1-3 on poster 3 2 1	None on poster 0
Leaf or needle identification (key)	10 or more correctly identified 10	7-9 correctly identified 9 8 7	4-6 correctly identified 6 5 4	1-3 correctly identified 3 2 1	No key done or zero correctly identified 0
Format	Covered at least 2 edges of poster as required 5		Close to required format but not quite 4 3 2		Not even close 1 0
Quote	Quote was by the person, was meaningful, and dealt with an ecological issue 5 4		Quote was by the person but didn't seem relevant 3	Quote was made up or by someone else 2 1	No quote represented on the poster 0
Environmental Biography and Significance	Thorough and clear. Very detailed and relevant 20 19 18	Well done. Could've had a bit more description or detail 17 16 15 14	Some confusion about the person shown 13 12 11 10	Put together with very little detail or irrelevant information 9 8 7 6 5 4	Extremely incomplete or not done altogether 3 2 1 0
Creativity	One of the best I've seen! 5	Clearly shows effort above and beyond requirements 4	Shows a good solid effort (I am pleased with this!) 3	Could have put in more time and effort 2	Clearly thrown together or not done 1 0
EXTRA CREDIT!	USED PHOTOGRAPHY TO MANUFACTURE POSTER RATHER THAN REAL VEGETATION: (TOOK ONLY PICTURES, LEFT ONLY FOOTPRINTS – Leaf “rubbings” do NOT count!) +3		PICKED AN ENVIRONMENTAL HERO OR HEROINE OFF OF THE LIST THAT WAS <u>CAPITALIZED AND BOLDED</u> (a major environmental figure from Wisconsin!) +2	PICKED AN ENVIRONMENTAL HERO OR HEROINE OFF OF THE LIST THAT WAS <u>bolded</u> (a major environmental figure in the US) +1	

Total points out of a possible 55

Additional comments:

Environmental Heroes

Abbey, Edward
Adler, Margot
Adams, Ansel
Agassiz, Jean Louis
Andrews, Roy Chapman
Audubon, John James
Austin, Mary
Bailey, Liberty Hyde
Baker, Richard St. Barbe
Bartram, John and William
Baylor, Byrd
Beard, Daniel B
Begely, Ed Jr.
Bennett, Hugh Hammond
Berg, Peter
Bigelow, Maurice A.
Blanchan, Neltje
Bookchin, Murray
Boyden, Arthur
Bradley, Guy
Brower, David
Burbank, Luther
Burgess, Thornton
Burroughs, John
Carrighar, Sally
Carson, Rachel
Carver, George Washington
Cather, Willa
Chapman, Frank
Clinton, Bill
Commoner, Barry
Comstock, Anna Botsford
Cousteau, Jaques-Yves
Daly, Mary
Darling, Jay Norward (Ding)
Darwin, Charles
De Chardin, Teilhard
Deloria, Vine, Jr.
Douglas, Marjory Stoneman
Dubos, Rene Jules
Ehrlich, Paul
Eifert, Virginia
Eiseley, Loren
Elk, Black
Emerson, Ralph Waldo
Fabre, Jean Henri
Fazal, Anwar
Foreman, Dave
Fuller, Buckminster
Fuller, Margaret
Galdikas, Birute
George, Chief Dan
Gibbs, Lois
Gnau, "Harrison"
Goodall, Jane
Gordon, Eva L.
Gore, Al
Gray, Elizabeth Dodson
Griffin, Susan
GRIFFITH, E.M.
GROMME, OWEN
Gyatso, Tenzin
Hardin, Garrett
Harris, Dale
Harris, William T.
Hays, John
Hodge, Clifton F.
Howard, Sir Albert
Irwin, Steve
Jackman, Wilbur S.
Kelly, Petra
King, Thomas Starr
King, Ynestra
KNOWLES, WARREN
Krutch, Joseph Wood
LaBastille, Anne
LABUDDE, WILHELMINE
LaChappelle, Dolores
LAPHAM, INCREASE
Larson, Gary
LEOPOLD, ALDO
Linnaeus, Carl
London, Jack
Long, William J.
Lopez, Barry
MacKenzie, Harley
Marcum, Cathy Sneed
Marsh, George Perkins
Marshall, Bob
Mason, Bill
Mather, Stephen T.
McCloskey, Alice
McGaa, Ed (eagle man)
McHarg, Ian
Mendes, Chico
Merchant, Carolyn
Mikulski, Barbara
Mills, Enos A.
Miner, Jack
Momaday, N. Scott
MUENCH, VIRGIL
MUIR, JOHN
Murie, Margaret
Murie, Olaus
Naess, Arne
Nash, Roderick
NELSON, GAYLORD
Nugent, Ted
Olmsted, Frederick Law
OLSON, SIGURD
Osborn, Fairfield
Palmer, El. Lawrence
Payne, Frank O.
Petzoldt, Paul
Pinchot, Gifford
POHL, PEARL LOUISE
Powell, John Wesley
Rich, Louise Dickinson
Roberts, Charles G. D.
Rodale, Jerome Irving
Roosevelt, Franklin D.
Roosevelt, Theodore
Roszak, Theodore
Russell, Helen Ross
Schumacher, E. F.
Scott, Charles
Seattle, Chief
Seton, Ernest Thompson
Sharp, Dallas Lore
Sheldon, Edward A.
Snyder, Gary
Spencer, John W.
Standing Bear, Luther
Storm, Hyemeyohsts
Straight, H. H.
Suzuki, David
SWIFT, ERNEST
Teale, Edwin Way
Thoreau, Henry David
Udall, Stewart
Unsoeld, Jolene
Van Hise, Charles
Vinal, William
Vogt, William
Von Humboldt, Alexander
Wallace, Alfred Russel
Walton, Izaak
Ward(Jackson), Barbara
Warren, Karen
Watts, May Theilgaard
Werikhe, Michael
White, Gilbert
Whitman, Walt
Wilson, Edward O.
Wilson, Alexander
Wright, Mabel Osgood
Zahniser, Howard