

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

_____ Resolution or Ordinance (Blue) _____ Waiver of First Requested
 X Recommendations of Boards, Commissions & Committees (Green)
_____ Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: David A. Hulseberg, Village Manager

DATE: April 7, 2009 (COW) (B of T) **Date:** April 16, 2009

TITLE: Educational Recycling Grants

SUBMITTED BY: David P. Gorman, Assistant Director of Public Works *DPT*

BACKGROUND/POLICY IMPLICATIONS:

A recommendation from the Environmental Concerns Committee to approve an Educational Recycling Grant for Willowbrook High School in the amount of \$1,720.15.

FISCAL IMPACT/FUNDING SOURCE:

\$1,720.15 Community Recycling Fund 2790.777500

Review (as necessary):

Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



To: David A. Hulseberg, Village Manager

From: David Gorman, Assistant Director of Public Works *DGH*

Through: Carl Goldsmith, Director of Public Works

Date: April 7, 2009

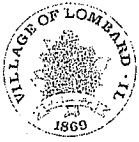
Subject: Environmental Concerns Committee Recommendation
Recycling Education Grants

At the March 24, 2009, Environmental Concerns Committee meeting, the Committee recommended approval of a Recycling Education Grant request. The request is as follows:

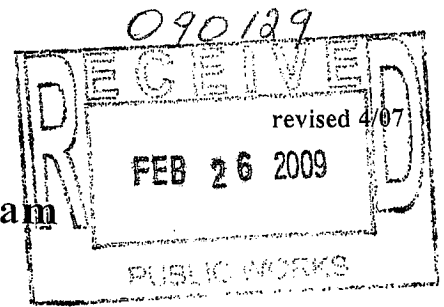
Willowbrook High School \$1,720.15
For the purchase of recycling bins and Discover Wild products.

Please present this item for consideration by the Board of Trustees at their next regular meeting.

DG:sc



Village of Lombard
 Recycling Education Grant Program
 APPLICATION



PART 1 – GENERAL INFORMATION

Name of institution: Willowbrook High School
 Address: 1250 S. Ardmoreville Park IL 60181
 Name and title of person to contact: Justine Bayers
 Number of students: 2200 Number of students residing in incorporated Lombard: 800 (estimate)

PART 2 – AMOUNT REQUESTED & PROJECT DESCRIPTION

- a. Amount of grant request: \$ 1720.15
- b. How many students will the grant funds help to educate? 500 per yr.
- c. Has the institution received prior grant money from the Village of Lombard? YES NO
- d. Provide a clear, concise description of the proposed project. Indicate how the project promotes enthusiasm to learn more about the environment, how the project fits into your organizations curriculum and how it will enhance environmental education or outreach.
- e. Provide detailed descriptions of items requested and costs. If the grant involves commodity purchases, provide three quotes including vendor name and prices. If recycled products are being purchased, list what percentage of product is made from recycled materials.

PART 3 – CURRENT PROGRAM (RECYCLING, ENVIRONMENT, CONSERVATION)

- a. Has your institution earned the Earth Flag? YES NO
 (for information on earning the Earth Flag visit www.bookrescue.org/scarce/default.asp?page=Searchflag)
- b. Does your institution have an environmental club? YES NO
- c. How many students participate in recycling/environmental/conservation efforts? 2200
- d. How many students are being taught about recycling/environment/conservation? 2200
- e. How are environmental programs emphasized in your classes? See attached
- f. In your typed report, explain your current recycling/environmental/conservation program and past accomplishments. How long have you had this program? What does the institution do for the environment other than recycling? How has the program helped people in the Village of Lombard?

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Approved by: *Shelley Moran*
 Chairperson, Environmental Concerns Committee

Date: 03/24/09

Lombard Grant Spring 2009 Willowbrook High School

Part 2

d. Provide a clear, concise description of the proposed project. Willowbrook High School would like to expand its current recycling efforts. In order to be more effective, more recycling bins are needed to ensure every room and office in the school has access to recycling. Not only does it give an opportunity for every student and faculty member to recycle-it also aids our special education program. Part of the students training is to aid the custodians with picking up the recycling bins in all of the classrooms. Students have expressed an interest in have more opportunities to recycle they want to do their part for the environment.

Willowbrook would like to educate the students about the local ecosystem and the animals that thrive there. Natural selection and adaptation can be studied through the use of animal skulls, fur and track patterns. For example, students can compare carnivore and herbivore jaws to see the adaptations the organisms have for the food they consume. Students can also compare different varieties of fur and hypothesis on what types of environment that organism lives in. Students are always more excited to learn about ecology when they are able to see first hand examples that they can relate to their lives.

Many times suburban students are not exposed to the habits of wild animals-even though the animals can be found locally. By educating the students about the organisms and their niches, natural habitat and conservation of that habitat can be explored. The students will gain a new appreciation for the local ecosystem while being able to identify adaptations of organisms using examples they are familiar with.

The recycling bins will be used by the entire school. The skulls, fur and tracking items will be used with the Environmental Science and Biology classes at Willowbrook High School. Since the products can be used year after year-a great many students will benefit from them.

e.

Itemized list of grant requests

Item	Vendor	Number	Price	Total
Discover Wild Reference Set	Discover Wild	1	299.95	299.95
Recycling bins- 20% post consumer recycled content.	Recycling supply Co.	75	15.15 ea	1136.25
Beaver Skull	The bone room	1	30.00	30.00
Rabbit Skull	The bone room	1	35.00	35.00
Raccoon Skull	The bone room	1	30.00	30.00
Deer skull	Ward's Scientific	1	149.00	149.00
Squirrel skull	Ward's Scientific	1	39.95	39.95
GRAND TOTAL				\$1720.15

The above represents the best prices found for the items, See attached packet for more quotes and vendors.

Part 3

e. How are environmental programs emphasized in your classes?

Every classroom recycles paper products and students are encouraged not to waste paper and other materials. The cafeteria offers aluminum recycling as well as paper recycling. Resource conservation is discussed in social studies classes as well as in science courses. All freshmen are taught about ecology and conservation in the Biology courses this represents about 500 students. About 60 upperclassmen take AP biology which allows the students to revisit ecological studies. Over 100 students go one to take the Environmental Science elective to further apply the concepts of ecology. Students who take physical science are educated about alternative energies as well as conservation of energy-this represents about 400 students. Teachers strive to use double-sided copies and scrap paper is bound and given out to the teachers in the beginning of the year. A display cabinet that the environmental club keeps up educates students on recycling and conservation.

f. In your typed report, explain your current recycling/ environmental/ conservation program and past accomplishments. How long have you had this program? What does the institution do for the environment other than recycling? How has this program helped the Village of Lombard?

Willowbrook's recycling program started 19 years ago with the birth of Students for a Better Environment, which promotes recycling and conservation throughout the school.

Besides recycling and reducing our waste- the school has sent volunteers to work at events including Lombard's Recycling Extravaganza, and Wheaton's Recycling Event. Students for a Better Environment have collected gym shoes for Nike's reuse a shoe program and have competed in the Illinois Envirothon where the Willowbrook team had three first place finishes and one second place finish over the past four years for DuPage County. Willowbrook students continue to collect batteries to keep them out of the landfill. The students of Willowbrook generously donated unwanted or used crayons to be melted down and reformed into large crayons for students with special needs to use. Willowbrook's bookstore and library has donated gently used books to Book Rescue and SCARCE to send to needy students. The environmental club worked to stencil "Do not dump-Goes to Stream" on storm drains in Villa Park and passed out door hangers with information about illegal dumping to residents of Villa Park. Also, the cleaning of the brook that crosses the school property has been the responsibility of the students. Finally, the Environmental Club has worked to clean the Prairie Path and to remove teasel from the Great Western Trail.

Students for a Better Environment continue to learn about conservation outside the class by attending workshops by the National Conservation Society, visiting Brookfield Zoo and learning about endangered species and animal conservation, visiting the Morton Arboretum to learn about tree conservation and having special guest speakers to discuss environmental topics. Members of the Environmental Club have attended green building workshops and participated in a green building design competition in the past.

By promoting recycling and conservation efforts in the school it is hoped that the students that live within the Village of Lombard will practice recycling and conservation efforts at home. In participating in Lombard's Recycling Extravaganza, the students aided the people of Lombard directly by helping them to unload books, lumber or scrap metal. We hope to continue to find way to reach out to the people of Lombard and to aid in environmental causes.