

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: December 14, 2009 B of T May 6, 2010

SUBJECT: Recycling Education Grant

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

BACKGROUND/POLICY IMPLICATIONS:

A recommendation from the Environmental Concerns Committee to approve Recycling Education Grants for Delphi Academy in the amount of \$350.00 and Montini High School in the amount of \$2,500.00.

FISCAL IMPACT/FUNDING SOURCE:

\$2,850.00 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.



MEMORANDUM

TO: David A. Hulseberg, Village Manager

THROUGH: Carl S. Goldsmith, Director of Public Works *CG by DS*

FROM: David P. Gorman, Assistant Director of Public Works *DPG*

DATE: December 14, 2009

SUBJECT: **Environmental Concerns Committee Recommendation for a Recycling Education Grant**

The Environmental Concerns Committee meeting recommended approval of Recycling Education Grant applications at their March 23, 2010 meeting. The recommendations are as follows:

Delphi Academy \$350.00

For the rental fee for a garden plot and the purchase of a compost tumbler and a rain barrel.

Montini High School \$2,500.00

For a portion of the purchase of four recycling stations.

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

DG:dg

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Village of Lombard Recycling Education Grant Program APPLICATION

PART 1 - GENERAL INFORMATION

Name of institution: DELPHI Academy of Chicago
 Address: 241 E. ROOSEVELT Rd., LOMBARD, ILL 60148
 Name and title of person to contact: DEB VOSS, DEAN
 Number of students: 87 Number of students residing in incorporated Lombard: 25 (estimate)

PART 2 - AMOUNT REQUESTED & PROJECT DESCRIPTION

- a. Amount of grant request: \$ 441.93
- b. How many students will the grant funds help to educate? 87
- 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=Searthflag)
- b. Does your institution have an environmental club? YES NO
- c. How many students participate in recycling/environmental/conservation efforts? 87
- d. How many students are being taught about recycling/environment/conservation? 87
- e. How are environmental programs emphasized in your classes? BINS FOR PAPER AND PLASTIC RECYCLING. Crayon Recycle program with SCARCE. EARTH DAY.
- 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: _____
Chairperson, Environmental Concerns Committee

Date: _____

Village of Lombard - Recycling Education Grant Program Application
Submitted by Delphi Academy of Chicago, 241 E. Roosevelt Rd., Lombard, IL 60148

Part 2 - Amount Requested & Project Description

d. Our large "green" environmental project this year will be planting a garden in a Garden Plot at Madison Meadows. We plan to include all classes in the planting and care of this plot. Having a summer school program will also allow us to plant many times and reach more children. We will care for this plot with water collected in rain barrels and fertilization done using our own compost. This program is an extension of our current projects and will teach the children about the real life applications of rain barrel water collection and compost bins. The end result will be veggies that the children can pick and consume in salads and other recipes. Last school year, we had a small garden on site. It was such a huge success. Our students became very enthusiastic gardeners, and are very excited about this year's project. Classroom expansion activities will include: "Green" Gardening, Plant Cycles, The Growing Season and Harvesting.

e. 1. Garden Plot Rental Fee purchased through Lombard Park District at a cost of \$36.00.

2. World's Best Organic Compost Tumbler model # UTC-7 purchased through www.organic-compost-tumble.com at a cost of \$216.99.

This product is made from 100% recycled plastic. Shipping is free.

3. Recycled Plastic Rain Barrel purchased through Clean Air Gardening at a cost of \$188.94 (includes shipping).

This product is made from 100% recycled plastic. Shipping is included in the cost.

Total amount of grant request is \$441.93.

f. Delphi Academy has had a 3R's program for the past 9 years. In that time, we have educated our students as young as first grade, about the importance of the 3 R's (reduce, reuse, recycle). We make fun posters to remind students and parents that "Everyday is Earth Day", we have even made games out of recycled juice containers or cereal boxes. On Earth Day, however, we make it a practice of finding a community area that needs general clean up. In past years, we have visited Sunset Knolls Park and Madison Meadows and made a contest out of collecting all the little bits of trash. Last year, we felt our neighbor, The Viceroy restaurant, would benefit from our "spring" clean up.

Delphi has a mutually beneficial relationship with S.C.A.R.C.E.. We have volunteered to assist them in their crayon recycling project over the past 2 years. Our students peel large boxes of crayons, and return them to SCARCE, so they can melt them into crayons for less capable students. We routinely go to SCARCE to find supplies that we need for our students. This past year, we luckily received 3 microscopes, and an assortment of reading books, science text books, and other miscellaneous school supplies.

In our 3R's program, Delphi recycles paper and plastics on a daily basis. We have collected old cell phones and ink cartridges from our parents, and given them to SCARCE. Last year, we used rain barrels, fashioned from old garbage cans, to collect water for our sunflower garden. We have also benefitted from our friendship, with our neighbor, Christ The King on Main Street in Lombard. Over the past 5 years, they have donated many student desks to us, after they had purchased new ones.

In January, Delphi Academy volunteered at F.M.S.C. (Feed My Starving Children). This is our third annual visit to their facility. This is just one of the ways that we stress the importance of community service and being a global citizen. We have also visited local nursing homes during the holidays to have the children sing Christmas carols.



revised 4/07

Village of Lombard Recycling Education Grant Program APPLICATION

MAR 1 2010

PART 1 - GENERAL INFORMATION

Name of institution: MONTINI CATHOLIC HIGH SCHOOL

Address: 19 WEST 070 16th STREET--LOMBARD, IL

Name and title of person to contact: BROTHER THOMAS HARDING, fsc

Number of students: 700 Number of students residing in incorporated Lombard: 2/3rds (estimate)

PART 2 - AMOUNT REQUESTED & PROJECT DESCRIPTION

- Amount of grant request: \$ 2,500
- How many students will the grant funds help to educate? 100 %
- Has the institution received prior grant money from the Village of Lombard? YES NO
- 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.
- 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)

- 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)
- Does your institution have an environmental club? YES NO
- How many students participate in recycling/environmental/conservation efforts? 3/4ths of the studen
body
- How many students are being taught about recycling/environment/conservation? 100 %-see
attached
- How are environmental programs emphasized in your classes? see attached report
- 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?

see attached report

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Approved by: _____
Chairperson, Environmental Concerns Committee

Date: _____

VILLAGE OF LOMBARD

GRANT PROGRAM

Part 2 Project Description, Availability & Costs:

d. Montini Catholic High School wishes to obtain four (4) Tricyclers for use on those portions of our campus at which crowds, spectators and visitors to our facilities are most often gathered. Presently, we lack such a system for gathering recyclables at these points of density on our campus. Having such units readily seen and available would promote greater awareness and increased participation in active recycling among adults and young people alike during outdoor events and various other gatherings. Having such units will only add to the level of participation and enthusiasm for our own very active Environmental Recycling Program!

e. To our knowledge there is only ONE manufacturer and distributor for the TRICYCLER product. That would be Upbeat Site Furnishings. A cut-sheet and pricing information is herein provided with this proposal.

Part 3 – Current Program (Recycling, Environment, Conservation)

e. The environmental and conservation program emphasis begins at the freshman level. Most freshman students are enrolled in the Environmental Science class. This course is the introduction of science at Montini Catholic High School. The course is an overview of all the sciences emphasizing the interrelationship of organisms to the environment. The honors students at the freshman level and sophomores are enrolled in Biology. This course examines environmental issues first at the cellular level. The web of life starts with plants and animals at this stage. The production of oxygen through ocean plankton and the beginning of the food chain are examined in the first semester. In Chemistry, lessons on acid rain, water and air pollution are a part of the curriculum. Energy production is included in both the Chemistry and Physics courses, with Physics emphasizing energy alternatives. Earth Science examines the production of soil, as well as weather changes on the global scale. The unit on Oceanography includes the effect of oceans on weather and shorelines. All areas of pollution are covered and is required for graduation. Furthermore, several of the classes have internet projects that incorporate the latest improvements in environmental areas. In all classrooms, recycling bins, along with teacher support, aids the Environmental Club who bi-weekly collects the bins.

f. The Environmental Club has members from all four classes of students. Members of the Environmental Club are responsible for collecting recycling bins from every classroom, and work to beautify the school grounds. Their landscaping work is featured within the school's courtyard and is passed by everyone each day when entering and leaving the school. Yearly, members of the student body join others in the Lombard area to work at the Lombard Recycling Extravaganza, and have been involved in the Nike Shoe Collection for recycling, ink cartridge recycling. Annually, there is a recycling competition among the grade levels to recycle pop tabs that are donated to the Ronald McDonald House. At the end of the school year, students collect used books and workbooks. The used books are sent to the foreign missions or are sent to a recycling plant. Workbook pages that were used are removed and these also are recycled. More than a ton of material would be land fill but is recycled.

The real impact though comes from the message sent to all students, faculty and their families and that is the importance of reducing our wastes and reusing materials, instead of just throwing it away. Since the school uses the same recycling bins that the Village of Lombard uses, we reinforce the message. Each week residents of Lombard put out their recycle bins and the idea of recycling isn't just "the school's thing" but is the Right Thing. While the school has recycled since the 1980's, the Environmental Club was organized in 1990.

Additionally, Montini Catholic has its own power plant which is used to power a large portion of the school. Built in the mid-1960s, the power plant utilizes natural gas to produce electricity. Natural gas is the most abundant energy resource in the United States. Most recently, additional new construction added rooms and other program spaces to the school. Those additions and the school's enhancement of computer technology, audio-visual technology and Smart Boards have resulted in using Com-Ed to supplement the power plant. Nevertheless, that power plant and the use of natural gas still provide the majority of Montini's energy needs.