HEF EXCELLENCE

Holdenville Education Foundation
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Grants to Teachers Application Form

Please use a typewriter or word processor to complete the application.
Submit in the format listed below.

Date: 2/16/2015

Grant Title: Laptops for Learning

School: Holdenville High School

Grade Level(s): 9-12

Content Area: Accounting, Business, Financial Literacy, Marketing, English II, Pre-AP English, U.S. History

Total Dollar Amount Requested: $16,375.00

1. What is the major educational need this grant addresses? Please give grade level and academic area.
2. Approximately how many pupils will be affected by this project, both directly and indirectly?
3. Describe your grant including methods, materials and objectives. Foundation grants are intended to fund a creative teaching plan, so if equipment or materials are requested it should be clearly stated as to why these are an integral part of the plan.
4. Give a time schedule of implementation.
5. Detail your budget request. Include specific information about kinds of materials and equipment needed, sources of supply, and costs (including shipping and handling). If possible, list alternatives if full funding is not available.
6. What methods will be used for measuring the stated objectives, or what definite evaluation will you make to determine whether the grant was successful? (Please be specific)

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"By learning to use technology in the classroom, both teachers and students will develop skills essential for the 21st century. But more than that, students will learn the critical thinking and workplace skills they will need to be successful in their futures. Education is no longer just about learning and memorizing facts and figures; it's about collaborating with others, solving complex problems, developing different forms of communication and leadership skills, and improving motivation and productivity." — Timothy Huneycu , October 8, 2013 in General

Most careers our students will be pursuing after high school requires at least a basic understanding of research and writing, and many will also require the use of presentational skills. As teachers, we strive to perfect those skills to better prepare our students for life in college and beyond, and we feel every piece of educational technology that we can utilize in our classroom strengthens the skill set our students will take with them into their adult lives. With that in mind, Laptops for Learning is asking for 25 laptops equipped with Microsoft Windows 7 to be used in three different classrooms, by three different teachers, in three different content areas. While Holdenville High School does have a computer lab, it is unavailable due to testing for much of the year. Laptops for Learning creates a mobile computer lab that can be used in one class for individual projects or multiple classrooms for group projects.

In tenth grade U.S. history, the laptops will be used for research, writing, and multimedia presentations, all of which are part of current literacy and content standards high school students are required to learn. We will be researching historical figures and producing brief biographies. On larger writing assignments, students will write research papers focusing on key historical events and speeches. Students will be teaching each other through collaboration. Using laptops in the classroom, students will create and present lessons on a regular basis. All of these works can be prepared in the classroom, with teacher guidance, without any student being left out because of a lack of access to technology.

In the English II classroom, the focus is on literacy. Though that is often interpreted as the ability to read and interpret literature, literacy does not stop there. To be considered truly literate in the modern world, a student must be able to research, write, revise, and format, as well as incorporate technology into daily life. Many of our students have no way of doing this from home, and without a computer lab that is accessible full-time, they are missing the opportunity to become "literate" at the standard our world demands of them. With Laptops for Learning, the students will be given more tools to succeed, and our teachers more ability to ensure understanding and practice of the skills being taught. Not only will lessons come alive in the students' research and presentations, their writing will be stored, revised, and published

from the laptop, encouraging students to master excellence in the same medium they will be using as adults.

In business, accounting and financial literacy, they will be used by 9th through 12th grade students. Laptops in the business and financial literacy classes will be utilized through research reports, projects, spreadsheets, and presentations. These classes have simulated projects that they prepare throughout the year based on real life/business situations. In accounting, all of today's record keeping is completed on computers. Accounting students need to understand the mechanics of hand written ledgers, journals and financial reports. Today's business world is strictly computer generated documents and reports. Having laptops in the accounting class will help the students' transition to home budgets and/or a potential accounting career.

Approximately how many pupils will be affected by this project, both directly and indirectly?
Laptops for learning can potentially affect every student that attends Holdenville High School over the life span of the laptops. Financial literacy, English, and U.S. History are all required courses. Approximately 150 students a year will use the laptops.

Describe your grant including methods, materials and objectives. Foundation grants are intended to fund a creative teaching plan, so if equipment or materials are requested it should be clearly stated as to why these are an integral part of the plan.

Research is a valuable life skill, and vital to the learning process. Students need practice to improve. Textbooks are great tools, but the internet gives students access to a much wider array of information, and these laptops will give students access to millions of historical documents, videos, and periodicals enabling them to dig deeper into history. By using laptops in the classroom for research students will be better equipped to create grade level works of writing.

Writing is also an important part of every classroom. With these laptops, students will produce a variety of work, ranging from short research papers, to book reviews. While perfecting their word processing skills, students will become better writers as well. Having access to computers without testing blackouts will create more opportunities to develop higher level writing skills. As students become better writers, they will learn to communicate information in different mediums.

Multimedia presentations are valuable in learning. Students are allowed various tools to share information. Pictures, music, and video are available on most historical topics. Creating presentations using these mediums is a great method to drive history home. Through the use of PowerPoint and excel, history will be learned by students, taught by peers. Students learn

more through creation than consumption. As learning increases, appreciation follows. The end result is a well-rounded student capable of solving problems that arise in the creation process.

English II and U.S. History have been working together the past few years to strengthen students' understanding of both historical events and literature. A recent example found the tenth grade students combining lessons centered on World War II and the Holocaust with the memoir *Night* by Elie Wiesel. For both their English and history classes, students researched, wrote essays, and created presentations over the stories of survivors, the causes of war, and the dangers of prejudice, but struggled with accessing information and effective materials in an acceptable time frame. With Laptops for Learning, this lack of access would no longer be a setback or an excuse.

Having access to the real time business world will also make the students more aware of the world around them. Business students will have their own fictitious stock market accounts. They will study the stock market and make buy/sell transactions according to the current markets. This will allow students to understand the way the economy not only affects the students' prices at the stores/gas pumps but also how it affects the actual businesses and their market shares.

This year's business class has begun a sports franchise project. The class is divided into teams who compete against each other. Their goal is to start a new sports franchise in a new city. The student's goals are to control all aspects of the franchise: including its location, finances, advertising, players, hiring of staff, maintaining a balanced budget, ordering merchandise, ordering concessions, chartering aircraft to and from games, stadium structure and construction, and other aspects. The students will also build their stadium models to scale at the end of the year. With limited access to computers, the students have struggled to try to complete parts of this assignment. With laptops, the students' learning curve to this aspect of the business world is unlimited.

Financial literacy is a huge part of every student's life. When they leave school they will be using computers on a daily basis. Banking, applying for jobs, work schedules, credit reports, loan applications and payments are a few examples of items that have moved away from pencil and paper and are now online resources. Giving the students this extra help in the classroom will hopefully give them a better understanding of how to succeed outside of the classroom.

Give a time schedule of implementation

The laptops will be used in the classroom immediately following receipt and student training.

Detail your budget request. Include specific information about kinds of materials and equipment needed, sources of supply, and costs (including shipping and handling). If possible, list alternatives if full funding is not available.

Two funding options are given below, both include shipping. The first option includes all 25 laptops requested, with maintenance plans. The second option lists the alternative funding option of 20 laptops with maintenance plans. All laptops come equipped with the Windows 7 operating system.

Original Funding Request

HP 350 15.6 LED Notebook-intel core 1.7 GHz-4GB RAM	25	486.00	12150.00
HP Care pack and Hardware support	25	159.00	3975.00
Adesso HC-330US Desktop optical mouse	25	10.00	250.00
Total			**$16,375.00**

Alternative Funding Request

HP 350 15.6 LED Notebook-intel core 1.7 GHz-4GB RAM	20	486.00	9720.00
HP Care pack and Hardware support	20	159.00	3180.00
Adesso HC-330US Desktop optical mouse	20	10.00	200.00
Total			**$13,100.00**

What methods will be used for measuring the stated objectives, or what definite evaluation will you make to determine whether the grant was successful? (Please be specific)

Success of the grant will be gauged in three ways. First, rubrics will be used to track development of the students throughout the year. Increased scores over the course of the year will indicate success.

Secondly, benchmark testing will be used. A pretest will be administered at the beginning of the school year and the end of every quarter. Again, an increase in scores over the course of the year will indicate success. A 70% minimum score would be the goal at the end of instruction.

Lastly, EOI results would be used. A steady increase in standardized content scores would be the third method used to gauge success. A ninety percent pass rate is my goal, but eighty-five percent would be a success.

**As classroom computer technology is being used for different types of communication (for presentation, for class interaction, and for collaboration), students are required to be readers,*

writers, editors, and publishers and must be willing to collaborate and co-create closely with others -- all skills that are critical for students to learn as they grow and enter the workplace.

** Source: Boundless. "Advantages of Using Technology in the Classroom." *Boundless Education*. Boundless, 14 Nov. 2014. Retrieved 02 Mar. 2015 from https://www.boundless.com/education/textbooks/boundless-education-textbook/technology-in-the-classroom-6/edtech-25/advantages-of-using-technology-in-the-classroom-77-13007/