

Brecksville-Broadview Heights City Schools
Teacher Technology Grant Application
Spring, 2008

This form should be completed and submitted electronically via email to John Schinker (schinkerj@bbhcsd.org) prior to the application deadline. One form is required per project proposal. Please see the *Teacher Technology Grant Guidelines* for details. The application deadline is **6:00 PM on Friday, February 15, 2008**. Applications cannot be accepted after the deadline.

Please Note:

This form requires macros to be enabled on your computer. To see if they are, click on the button on the right. You should get a dialog box indicating that the macros are fine. **If you don't see this dialog box after clicking the button**, go up to the menu and click on Tools, Macro, Security, and set the Security Level to LOW. Then, **close this document and re-open it** and test again to make sure it's working. If you do not have macros enabled, you will not be able to complete this application properly.

Test Macros

General Information

Project Title:	Labspiration		
Primary Applicant:	Katie Barger		
Co-Applicants:	Karen Nixon, Elena Kucharski, Georgia Jakovcic		
Project Location:	Highland Drive Computer Lab		
Affected Students:	Number:	361	Description: Kidspiration licensing for all computers in our computer lab
Project Summary:	Our request would enable our students, kindergarten through third grade--every academic level, to develop thinking, literacy, and numeracy skills using research-based learning principles. The Kidspiration program characteristics can strengthen word recognition, vocabulary, comprehension and written expression. With new visual math tools available, students will have the opportunity to build reasoning and problem solving skills. The breadth of the program will enable teachers to develop integrated units of study based on academic and technology content standards.		

Goals & Objectives

Please list the goals of this project:	
	Integrate curriculum at every grade level based on state standards in academics and technology
	Differentiate learning
	Embed technology standards into all curricular areas both horizontally and vertically.
	Implement Universal Design for Learning through units designed by the teachers and lab assistant.
Which Technology Academic Content Standards are met by your project?	
	In reality, every single standard can be met dependent upon the design of the particular unit of study being developed by the staff member.
	One of the more significant accomplishments of utilizing this software would be for the students to realize the "Nature of Technology" (Standard 1)) and how the world it creates is much different from the natural world.

	Students will be able to create products where the information presented can be communicated in different formats. In grade three, the students and staff can participate in online group collaborative interactive projects and activities.
	The state's third Technology Standard describes that grades K-2 would be able to demonstrate operation of basic computer and multimedia technology tools. Third grade would use productivity tools to produce creative works and prepare presentations.
How will this project improve students' 21 st century skills?	
	<p>Some educators assume that the definition of literacy will continue to be what it has always been: "The ability to carefully read and write a contemporary spoken language". Others specify that the term will apply only to fluency in one or more of the languages spoken by the largest numbers of people--Spanish, English, or Mandarin Chinese.</p> <p>We maintain that we must expand the notion of literacy for the 21st century. That it spills beyond the borders of spoken and written language to include the panoply of skills often grouped together under the term multimedia (being able to both understand and create messages), communications, and works that include, or are constructed with visual, aural, and haptic-that is physical-elements as well as words. Another important aspect of literacy could be construed to mean interactivity and games.</p> <p>By allowing all of our students access to create and develop their literacy in ways that engage them through all of the senses, we are developing this new model of Literacy for the 21st Century.</p>

Project Plan	
Please describe the project:	
	<p>In today's schools, the mix of students is more diverse than ever. Educators are challenged to teach all kinds of learners to high standards, yet a single classroom may include students who struggle to learn for any number of reasons, such as English language barriers, learning disabilities, emotional or behavioral problems, sensory or physical disabilities, lack of sufficient preparation or lack of interest or engagement, among others. The Kidspiration program allows for multiple means of representation so learners have access to information and knowledge (standards) in various ways. It allows for multiple means of expression by providing learners alternatives for demonstrating what they know. Finally, it fosters multiple ways of engagement by tapping into learners' interests offering appropriate challenges and thereby increased motivation.</p> <p>Teachers all want their students to succeed, but a one-size-fits-all approach to education is no longer an option in this era of differentiation. By utilizing the wide array of possibilities provided by Kidspiration, students can access learning in ways not available to them here, at Highland Drive, prior to the installation. By integrating the academic and technology standards into their units of study, they can express themselves through the use of the program in ways that they had heretofore not been able to employ. This ability to access the program through the computer lab is meant to underscore the need for multiple approaches to meet the needs of our diverse learners.</p> <p>Kidspiration is meant to support the academic and technology content standards we cover at our K-3 level. With Kidspiration, we will be able to utilize cross-curricular units integrating delivery to support learning at every level. Students will become familiar and comfortable with basic computer functions such as using a mouse, and cutting and pasting information and graphic choices in Kindergarten and first grade. Building graphic organizers to assist in writing</p>

paragraphs will become an invaluable tool for the writers in grades 2 and 3. They will be encouraged to take the written information and create word documents and power point presentations based on their specific grade level standards. In order that we make Kidspiration available to all of our students, it would be installed in the computer lab. The lab accommodates entire classrooms of students and the staff can access the assistance for use of the program from our computer lab assistant during their assigned computer block or during open computer time.

Budget

Please select the quantity and descriptions of items required. Refer to the hardware menu for prices and details on allowable items.

Quantity	Description	Unit Cost	Extended Cost
35	Kidspiration Volume Licenses (KS21-US-VL)	39.50	1382.50
1	Kidspiration in the Classroom lesson Plan Book	199.00	199.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
0		0.00	0.00
TOTAL:			1581.50

Please provide any necessary notes or comments on the items listed above.

Please see the quote attached to the grant that covers the cost for the computer lab at Highland Drive.

Please describe other sources of funding, and how that money will be used.

None

How will the project be sustained beyond the first year without additional technology funding?

There does not need to be additional funding for the next five years.

Project Evaluation

Please describe how you will measure the success of your project in meeting the goals outlined above:

We will be using authentic assessments for the projects that are designed by the individual staff members. Attached to the grant proposal are rubrics appropriate for early elementary and possible rubric designs for grade 3 students.

Procedural Assurances

Please check the boxes next to each of the following statements to indicate your acceptance to the terms and conditions of this project:

- Purchased equipment belongs to the school district, and may be removed or reassigned if the awardee fails to follow the procedures of the grant.
- Projects that target a particular school, grade, or subject may stay with the target population if the applicant's teaching assignment changes in subsequent years.

<input checked="" type="checkbox"/>	All purchases related to the grant will be made directly by the district. Funds will not be dispersed to awardees.
<input checked="" type="checkbox"/>	Grant decisions will be made by the district technology team whose decision will be final. The technology team may enlist the help of media specialists and administrators in first-round evaluations of grant proposals.
<input checked="" type="checkbox"/>	Grant awardees may be asked to make presentations about their project at staff meetings, inservice opportunities, or conferences.
<input checked="" type="checkbox"/>	An evaluation of the project, following the evaluation procedure outlined in the grant proposal, must be completed and submitted by May 31, 2009. Grant awardees will receive the procedure for completing this requirement.
<input checked="" type="checkbox"/>	Proposals will not be funded without the support of the building principal.