Professionals Pioneering PolyChromatic Possibilities

Collaborative Classroom Grant Application

Rose Park Elementary

Mrs. Charine Hague

5087 Dovetail Ave   haguec@billingsschools.org
Billings, 59106

Application Form

Report Fields

Project Name*
Name of Project

Professionals Pioneering PolyChromatic Possibilities

Amount Requested
Amount Requested

$3,264.00

Grade Level
Program Area of Request

Intermediate (4-6)

Primary Subject Area
Please choose the primary subject area.

Language Arts

School
Please select your school.

Rose Park Elementary

Applicants*
Please list the educators collaborating on this grant.

Cortney Falcon, 4th Grade Burlington
Charine Hague, 5th Grade Rose Park
Megan Olszewski, 5th Grade Orchard
Jennifer Paterson, 3rd Grade Ponderosa
Katie Wilcox, 3rd Grade Highland
Debbie Whitney, 5th Grade Central Heights
Ann Brucker, Technology Integration Specialist

Number of Students Served
Please enter the number of students that will be served by this grant.

540

Project Cost
What is the total cost of your project?

3264.00

Statement of Need
Please describe the need for this project. For example, how will this project impact student learning?

Paper-pencil tasks are still an important part of educating our youth, but engaging technology is what grabs and maintains students' attention! The members of Intermediate TILT Phase I, as educators from six different schools, are in need of more devices for students to use during reading and language arts. With the implementation of the new reading curriculum, Lead 21, the rigorous requirements of the curriculum demand the daily availability of computers for single-student use. Each teacher's classroom currently has only 3-6 student computers. While all six schools also have mobile computer labs, they must be shared between sixteen or more classrooms. Scheduling conflicts and time constraints of a shared lab make the use of shared devices impractical, if not impossible. By supplementing their current technology with two more Chromebooks for each teacher in this TILT group, a greater number of students would have the opportunity to complete the activities that are offered in grades 3-5. Some of these activities include, but are not limited to:

weekly assessments to glean data regarding student progress
inquiry projects that require on-line research
digital and multimedia presentations
documents published using students' D2 Google accounts
collaborative projects between schools and classrooms

Primary Goal
Please describe the primary goal of the project and how it blends with School District 2 goals and curriculum.

The primary goal for this project is to provide increased availability and access to more computers on a daily basis. Integrating more research time into the daily schedule, creating multimedia inquiry projects, and collaborating with one another's classrooms throughout the school year would allow students to apply the 21st Century skills of collaboration, communication, creativity, and problem solving. Additionally, these activities would provide rigorous and relevant learning opportunities, preparing students to be college and career-ready.

Project Description
Briefly identify the major activities and materials involved in your project.

As Phase I members of TILT (Teachers Integrating and Learning Technology), teachers explore new technology, share classroom projects and ideas, and create lesson plans and resources. Working together throughout Phase II of the program next year, this group's primary focus will be to enhance the district's adopted curricular content, and to effectively and seamlessly integrate technology with purpose. The Chromebooks the group is requesting would serve to address this requirement. The devices will supplement and update their current (aging) computer centers. These newly created stations will be part of each day's rotation through the reading centers. In the rotations, each differentiated group will cycle through four stations, one of which will add a technology component to the reading block. A sample schedule is listed below:

Monday - Weekly Assessment (using Google Forms)
Tuesday - Leveled Practice Activities (using eTools21)
Wednesday - practice keyboarding (using external sites such as Dance Mat Typing)

Thursday - authentic keyboarding/writing (using Google Documents and/or Lead 21's Writing Tool and Story Starter)

Friday - conduct research for Inquiry Projects, and create presentations (using tools such as Google Documents, Google Presentations or Powtoon).

Beyond the reading block, the Chromebooks could be used for collaboration between classrooms. According to the ISTE (The International Society for Technology in Education) National Educational Technology Standards, students are expected to:

"use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others."

Since members of this TILT group share common grade levels, and are therefore responsible for teaching the same content, they would be able to have their students collaborate on documents and projects to summarize and gain understanding throughout various content areas. This endeavor would not only allow them to encourage collaboration across all areas of the district, but it would also highlight the diversity that their students bring in background knowledge and experience.

Professional Development

If your project includes professional development how will it improve student performance?

All six classroom teachers are currently in Phase I of TILT. Facilitated by a district Technology Integration Specialist, these teachers have dabbled in myriad skills, sites, applications, tools, and technologies that could be presented using Chromebooks. Their active participation in the program will continue for an additional two years (2013-2016). By the time they reach Phase III, teachers are expected to fully implement their learning in their classrooms and share their learning with other teachers. Because these devices are lightweight and portable, they are ready to be used in any professional development setting. As participants in the TILT program, the teachers have the specialized training, unique opportunity, and professional obligation to share what they have learned. They will instruct their colleagues how to effectively integrate technology, which will ultimately help improve student performance, not just in these six elementary schools, but district-wide.

Project Timeline

When will you implement your project?

This project will be implemented beginning in the fall of 2014, and will continue/expand throughout the years to come.

Plan for Evaluation

How will you evaluate student outcomes for your project?

The six classroom teachers will be able to evaluate their students' progress using time-on-task methods. Teachers will compare how much time students are on task when using the Chromebooks compared to other classroom devices. Student Chromebooks are quicker and easier to access, which allows for more dedicated time for learning opportunities. Students who are on older laptops or desktop computers need to wait for the devices to turn on and load, which allows for less time to perform the activities. Chromebooks allow for quicker, easier access to activities, giving students the ability to accomplish more work in less time, and therefore increasing student productivity.

Project Budget

Please explain how the funds from this grant will be spent to support your project goal. You can either type or upload a project budget to show how funds will be used. Please identify other funding sources if applicable.

Total Cost: $3,264.00
6 Teachers: $544.00 per teacher

Supervisor Approval*

I have received approval from my supervisor to apply for this grant.

yes

Attachment 1

Please attach any photos, pages from catalogs, or other documents below. This is completely optional.

EFBPSGrant.pdf

Attachment 2

TILTLead21.png

Attachment 3

File Attachment Summary

Applicant File Uploads

- EFBPSGrant.pdf
- TILTLead21.png

Professionals Pioneering Polychromatic Possibilities

Amount Requested
$3264.00

Grade Levels
3-5

Program Area of Request
Primary (K-3) Intermediate (4-6)

Primary Subject Area
Language Arts/Reading

Schools

Ponderosa, Burlington, Rose Park, Highland, Orchard, Central Heights

Applicants

Katie Wilcox, 3rd Grade Highland
Charine Hague, 5th Grade Rose Park
Megan Olszewski, 5th Grade Orchard
Cortney Falcon, 4th Grade Burlington
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Number of Students Served
540 (180 students per year for 3 years)

## Project Cost
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Statement of Need

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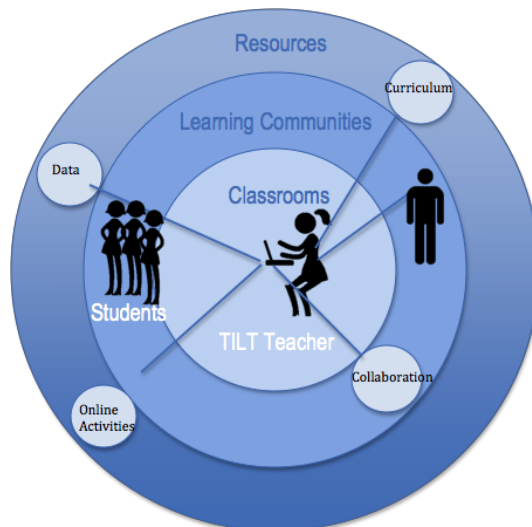
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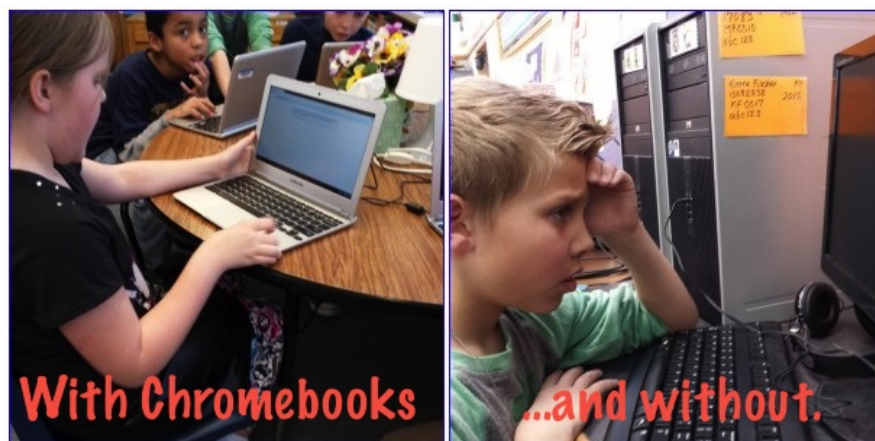

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Project Budget
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Supervisor Approval
All six principals have given their support for this application.

Attachments
Lead 21 Mosaic

These images represent a few of the online activities students will use through the district's Lead21 reading curriculum.