

Growth and Engagement Through Chromebook Integration

Collaborative Classroom Grant Application

Billings Public Schools

Josh Dyba
1601 Miles Ave
Billings, Montana, 59102

dybajm@billingschools.org
O: (406) 281-6939

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Application Form

Report Fields

Project Name*

Name of Project

Growth and Engagement Through Chromebook Integration

Amount Requested

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\$3,500.00

Grade Level

Program Area of Request

Intermediate (4-6)

Primary Subject Area

Please choose the primary subject area.

Other

School

Please select your school.

Miles Avenue Elementary

Applicants*

Please list the educators collaborating on this grant.

Michael Thomas

Number of Students Served

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

45

Project Cost

What is the total cost of your project?

3500

Statement of Need

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

As a 5th Grade team at Miles Avenue, we wish to obtain and provide a grade level set of Chromebooks to our students. By providing our classes access to dynamic personal learning devices such as Chromebooks, we as educators can better provide a differentiated and engaging learning experience. On a day-to-day basis, our core curriculum in all subjects may be supplemented and enriched through the use of Chromebooks. The staff at our school continually search for new and exciting ways to use the technology that we have available to benefit the learning of students in all grades. This is great for student growth and the benefits are obvious when observing a classroom of students engaged in an activity facilitated by technology. Unfortunately, with so many teachers within the same school eager to use technology, our desire has outpaced our available resources and we often find our classes without the necessary tools needed to fulfill our class's amazing potential.

Chromebooks will serve to benefit student learning and increase overall readiness for further educational pursuits as well as life outside of school. It is our goal and mission statement as a school to set high expectations and create an environment in which all students are able to reach their potential. Chromebooks further serve this purpose by providing individualized learning opportunities in addition to enhancing many of the district-adopted curriculums already in place.

As teachers within a Title I school, we find that many of our students do not personally have the technological resources or the knowledge to such resources to effectively enhance their learning and overall lives. Utilizing a one to one ratio of Chromebooks to students in our classes will allow us to develop dynamic, and engaging lessons, while also fostering the technological aptitude that our students will need to find success in a digital world.

Primary Goal

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

Ultimately, our goal as a fifth grade team is to provide a one to one ratio of students to Chromebooks within our classes. Our goal is to provide our students with the tools necessary to utilize all of the incredible resources at our disposal--many of which are dependent on technology integration. Curricular programs such as Lead 21 utilize many aspects of technology that can greatly benefit overall student learning. Additional tools exist which may serve to enhance and further differentiate math instruction as we continue to develop and evolve the practices and methods used to implement Common Core Math Standards. In conjunction with the goals of School District 2, we believe that students must effectively use technology to live, learn, and work in a modern society. Our goal is to provide our students with the resources that are needed to effectively use technology in an effort to fulfill their great potential.

Project Description

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

To further support our goal of enhancing student learning and overall readiness, technology may be used in a number of facets. In an ever-growing technology driven society, students need a high technological aptitude to remain competitive. Providing our students with access to Chromebooks allows us as educators to take advantage of the multitude of technological resources available while better preparing our students with a real world applicable skillset. Classroom Chromebooks will be used to conduct online reading activities, which are built into and supplement our Lead 21 reading curriculum. Use of Google docs allow for additional research and inquiry opportunities that will be conducted while developing student presentations and class projects. These presentations will provide also provide supplemental cross-curricular integration of subjects such as social studies and science. Chromebooks may also be used to differentiate and enhance math instruction through the use of sites such as Khan Academy. Additional sites provide students with opportunities to practice spelling skills at an individualized pace to prepare for weekly assignments and tests.

These opportunities and many more exist in terms of enhancing the daily learning of the students in our class while developing the technological aptitudes that will be necessary to fulfill their goals.

Professional Development

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

The funds from our project will not be directly involved in obtaining professional development, but we are prepared to work together as a team and in conjunction with our Technology Integration Specialists to continue to develop curricular activities and strategies that may be enhanced through the use of Chromebooks. As a team, we value the importance of continual professional growth and will continue to seek development opportunities that continue to allow us to use the tools at our disposal to better our students' learning each day.

Project Timeline

When will you implement your project?

Any funds generously distributed will be utilized to purchase a partial class set of Chromebooks that may be used as a fifth grade team within our school. As members of our school technology committee, our goal is to provide a one to one ratio of students to Chromebooks in the intermediate grades of our school within the near future. While these funds will not serve to entirely fulfill our goal, they will directly contribute to our long-term aspirations and serve as the beginning of what we hope will be a successful endeavor. With the support of the Education Foundation, in conjunction with additional grant sources and fundraising opportunities, we feel that we will be able to effectively fulfill our goal of placing a Chromebook, and thereby opportunity, in the hands of each of our students.

Plan for Evaluation

How will you evaluate student outcomes for your project?

Qualitative and consistent student assessment is a high priority within our school. We firmly believe as a fifth grade team in the district's goal of evaluating and celebrating student achievement. To this end, we continually use the results of assessments with our Lead 21 curriculum as well as NWEA MAP testing and the Scholastic Reading and Math Inventories to determine the effectiveness of instruction and student learning with our classes. We are information driven individuals who utilize the results of these assessments to make data driven decisions that will benefit our students. We intend to continue regularly assessing our students in this way to determine the overall effectiveness of the teaching practices that we have employed. The Chromebooks themselves may be used to give these assessments that will then in turn be used to evaluate the methods in place while developing additional practices to further enhance the learning of our students.

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.

A total of 50 Chromebooks will be necessary to fulfill our goal of providing our students with a one to one ratio. Funds received from the Education Foundation will be used to purchase 12 Chromebooks at a rate of \$279 a piece. This leaves a remainder of \$152 of the original \$3500 that may be applied to a future Chromebook purchase. Funds have also been committed by our school technology committee to purchase an additional 30 Chromebooks for fifth grade use. The remaining eight Chromebooks will be purchased with funds obtained through sources such as donorschoose.org or additional grants.

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.

IMAG0641.jpg

Attachment 2

IMAG0649.jpg

Attachment 3

IMAG0640.jpg

File Attachment Summary

Applicant File Uploads

- IMAG0641.jpg
- IMAG0649.jpg
- IMAG0640.jpg





