

iHeart Robots

Classroom Grant

Meadowlark Elementary

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Application Form

Report Fields

Project Name*

Name of project

iHeart Robots

Amount Requested

Amount requested on application.

\$1,000.00

Grade Level

Please select grade level below.

Intermediate (4-6)

Primary Subject Area

Please select the primary subject area of your grant.

Mathematics

School

Please select your school from the list below

Meadowlark Elementary

Number of Students Served

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

150

Project Cost

What is the total cost of your project?

1000

Statement of Need

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

For the purposes of addressing our low math scores at Meadowlark, we instituted math extensions groups in grade-levels 3-5 this school year. Every student in grades 3-5 is grouped according to their math ability and travels to a different classroom teacher for the first half-hour each school day to play math games at their level of ability. We call this time "Community Math."

As a result of community math, we have seen huge increases in math interest and ability in our intermediate students at Meadowlark. The students begin their day with such enthusiasm for learning!

These community math groups have created a need for additional math materials for all levels of students. We are especially excited to have the opportunity to take our higher-level math students on a STEM journey using Lego Robotics.

Primary Goal

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

The goal of my grant is to provide math resources to students that we would not normally have access to (or even time in the day to use) during our daily Community Math time.

Secondly, I hope to create an after school opportunity for interested students to have access to the Lego Robotics materials if they are interested.

Project Description

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

My project involves supplementing our every-day math supplies with new and innovative ones that students will use during our Community Math time and after school when appropriate.

First, I would like to purchase two Lego Robotics kits. It is recommended that no more than three students work on one Robot at a time so this will serve about 6 students initially. If the interest in the Lego robots increases, I plan to write a Donors Choose grant for additional robotics kits.

Secondly, I would like to purchase some new, innovative, and interactive math games for my class Promethean board. Research shows that game-based learning increases student engagement and learning at a higher rate than traditional teaching methods and materials. I am lucky to have received a grant for my Promethean board a couple of years from the Education Foundation and am finding a need for additional materials to increase my students use of the board across the curriculum.

Professional Development

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

none

Project Timeline

When will you implement your project?

I will be able to implement this project as soon as the materials are in our hands.

Plan for Evaluation

How will you evaluate student outcomes for your project?

I will be able to evaluate student outcomes by observing student-engagement patterns while using these materials. Also, I will use NWEA map scores to evaluate whether these materials increased student achievement.

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.

- 2-Lego Robotics kits= \$600
- 1-Geometry Hands-on Interactive Math Lab=\$125
- 1-Working with Fractions Teaching Kit=\$225
- 1-class set Cuisenaire rods=\$50

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.

Attachment 2

Attachment 3

File Attachment Summary

Applicant File Uploads