

General Information

Grant Number	259
Project Title	Legos - LearnToLearn Class Set and Curriculum
Please select the MAIN curriculum area your grant addresses.	Gifted & Talented
Does your grant have a technology component? (Will you have technology equipment, software, etc. in your budget?)	<input checked="" type="radio"/> No <input type="radio"/> Yes
Primary Contact Information	
First Name	Karri
Email	Karri_Decker@allenisd.org
Last Name	Decker
Phone Number	972-396-3016
Campus	Cheatham Elementary
Main Subject	Advanced Academics
Grade(s)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6
I have co-applicants.	<input type="checkbox"/>

Describe details of the project

Grant Number	259
Campus/Student Information	
Your campus:	Cheatham Elementary
Will other campus' be involved/impacted by this grant?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Your grade(s):	1,2,3,4,5,6
Will other grades be involved/impacted?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Project Purpose	
What is the problem, need, or opportunity that this grant will address? Explain what students will know and be able to do as a result of this project and/or how a problem will be addresses and/or how a situation improved because of the grant. (500 words or less.)	

I have been working towards bringing more STEM opportunities, combined with creativity and innovation, into the GT curriculum. I would like to use a variety of STEM products to inspire my students and transform their learning. With the use of STEM products, I will be able to advance a classroom of students on different learning levels, with different interests and learning styles, as well as find more creative approaches to enhance the curriculum.

Gifted and Talented learners require a classroom where they can be creative and innovative. It is the way they think and process information. With Lego LearnToLearn kits, students can go beyond the traditional classroom while using Lego activities and challenges that inspire and catapult discovery and deeper knowledge. They know it because they are visualizing it and taking thinking to a new level. Students don't just watch, listen, or read with Lego kits, they create! Assignments are engaging and provide a new rigor that will prepare students for the real world. Traditional assignments are transformed into something beyond imagination!

Project Description

How will the project or program be implemented? Describe activities and tasks.
Who is the target population and in what ways will they benefit? (500 words or less.)

LearnToLearn comes with the components needed to create 28 identical kits, each containing the same selection of 72 LEGO elements that students use to solve a variety of activities presented in the curriculum pack. Each set of bricks can be housed in the included reusable storage bags and either distributed to each student or kept as a set and pulled out when needed. The downloadable curriculum pack contains three getting-started activities, 15 complete activities across five learning areas, and a variety of teacher support materials including classroom management and differentiation tips. LearnToLearn introduces LEGO Education hands-on materials to the elementary classroom in a simple and approachable way, providing an engaging learning experience for teachers and students alike.

Allen ISD Goals/ TEKS

Which Allen ISD goals/TEKS does this project support? Provide only two or three examples.

The Allen ISD Strategic Planning Objectives and Strategies guide lists the following top priorities;
1) transforming the traditional classroom into an innovative learning experience that meets the needs of the individual learner.
2) transforming the learning environment by increasing rigor and encouraging innovation so that students become effective problem-solvers.

I am constantly searching for new ways to engage my students in creativity and innovation. It is my job to provide them with opportunities to stretch their minds and challenge them everyday. So many times, these learners find school easy and boring, and they can often be forgotten because they are not at risk academically.

Measurement

What specific measurements will be used to evaluate the effectiveness of the project? (500 words or less)

Student work and products will be evaluated individually, as a group, and by the teacher during the process of each task, as well as the final product. Students will understand the expectations and goals before beginning each task. Students will not only be evaluated on product, but also on participation, work effort, cooperation, and creativity. Students will have opportunities to discuss the process and outcomes, to determine what worked and didn't, analyze creativity, and evaluate what thought process was used to solve the problem. Students will review the NEW Blooms Taxonomy, understanding the focus of activities and higher learning outcomes.

Teaching Methods

What teaching methods will be used to implement this project? (500 words or less.)

Some of the teaching methods used to implement this program are demonstrating, explaining, collaborating, presentation, creativity, exploration, problem solving, critical thinking, self-directed learning, differentiation, and cooperation. This grant product will provide students with the opportunities they need to become effective learners and to develop the skills demanded by the 21st Century: Collaboration, Communication, Creativity, critical Thinking and Problem Solving. Students are allowed to use multiple senses in their learning process.

Timeline

What is the project timeline and the date of implementation?

I would be able to order the kits and get started on lessons and curriculum as soon as funding is available.

Curriculum/System Support

Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.

Lego Education approach to learning "the 4 Cs: (inline with BLOOMs Higher Level Thinking)
 Connect " awakens the student's curiosity and the desire to learn.
 Construct " encourages the students to tackle the challenge by building something functional or meaningful to them.
 Contemplate " involves reflection and dialogue with the teacher and other students, about what everyone has learned from the experience
 Continue " give students the opportunities to apply their newly acquired knowledge to new challenges and to take ownership of their learning.

Budget details

Budget Details ** All awarded funds will be available by September of the next school year.

Budget Item	Item Type	Unit Cost	Quantity	Total Cost
LearnToLearn Core Set and Curriculum #45120	Instructional Supplies or Resources	99.95	1	99.95
Shipping	Transportation	8.0	1	8.0

BUDGET TOTAL 107.95

Are there any additional funds available for this grant? Campus or District Funds? PTA funds? Let us know if you have or will be seeking funds from other sources to help with this project.

Additional funds? No
 Yes

Signature page and principal contact

Principal Approval Required

Please provide the Name and Email of your Principal

First Name	Last Name	Email Address (Completed)
Stephanie	Logan	Stephanie_Logan@allenisd.org

Applicant Signature

By entering my name below I signify that I understand that if I move within the District and have written the grant myself, I may take the grant with me to my school (as long as it is appropriate for my classes). If I have written the grant as part of a team, I will leave the grant behind with the team. If I leave AISD, I will leave the grant with the school for which I wrote the grant. As a condition of this grant, I will complete an evaluation form provided by the Foundation.

Signature Karri Decker

Date 12/30/2015

Principal's approval form

I certify that this would be a good use of funds for our school and this grant supports the district goals and/or our campus improvement plans. **Do NOT include any identifiers, such as: campus name, your name, teachers name or mascot **

No actions possible.

Comments

Good idea!

History and final disposition of application

State Change History

State Change	***** 12/30/2015 11:19:45 Submitted
State Change	***** 01/05/2016 21:08:59 Accepted

Grant Status

Grant Awarded Yes
 No

Award Amount 108