



## Foundation For Allen Schools Grant Application

**Scholarship Fund Amount: \$0**

Application #: AP232465

Applicant First Name: Lynn

Applicant Last Name: Klodzinski

Applicant Email Address: lynn.klodzinski@allenisd.org

Gender:

Cell Phone #:

High School:

Post Secondary School:

Application Status: Submitted

### Application Questions and Answer

Question	Answer
Preferred name/name that you go by:	Lynn
Best phone number to reach you at:	+19727435931
Campus	Allen High School
Grade(s)	10;11;12
I have co-applicants:	Yes
Please provide your work-related Facebook contact information.	
Please provide your work-related Twitter contact information.	
Name of Grant	Unified Robotics
Please select the MAIN curriculum area your grant addresses.	Special Education

Does your grant have a technology component?	No
Will other campuses be involved/impacted?	Yes
Will other grades be involved/impacted?	Yes
How many students will be involved in this grant?	18
Are there any additional funds available for this grant?	No
<p>What is the problem, need or opportunity that this grant will address? Describe the impact of this project on your students.</p>	<p>We have a Unified Robotics Club at Allen High School that pairs students from our Special Education department with peer coaches. This is the first club that allows our Special Education students to have an extracurricular club that meets after the school day. We are patterned after the program that was started in Seattle, Washington several years ago. We use the First Lego League robot kits and build and program robots to compete as teams in the Sumo Bot format. We will be starting our 5th year of meeting and our club continues to grow. Our program includes students who have graduated from the academic format to being in our Transition program. This year our Club benefited for the second year in a row by adding a sixth robot to our group, thanks to the Allen Foundation grant last year. This allowed us to organize our students into 6 teams instead of four. This allowed more "hands on" and active building time and reduced the time that students were waiting for their turn to build. As our program continues to grow, we want to keep the team size small by adding more teams. This means we need to add another robot. We also began to hold our meetings at the STEAM center, an exciting avenue for our students.</p>
	<p>The program is an extracurricular club that meets weekly for 10 weeks during the fall. We conclude our season with a Competition Day. We register as a Unified Robotics Team with the Texas Special Olympics. This next year the Robotics programs will be able to compete in UIL competitions and students can letter in this sport. What happens in club: 1. Peer coaches help guide the teams as they follow a manual</p>

<p>How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit?</p>	<p>to build their robot from a kit. Once the robot is built, the students learn basic steps for programming actions that the robot can do independently. 2. Teams are organized and must select a team name, mascot, color, and develop a team cheer, as well as design a team spirit poster. Teams also make spirit buttons for their team and pass them out at the Competition day. 3. Competition Day begins with rounds of teams competing and working their way through the brackets. Parents and friends are invited and the competition concludes with a medal ceremony. Good sportsmanship is emphasized throughout the program.</p>
<p>Provide a brief summary for use on the Foundation's website and social media.</p>	<p>Allen High School students, supported by peer coaches, explore and learn about the world of robotics in the Unified Robotics Club. Teams build a robot using the First Lego League kit, develop their strategy, and compete in a Sumo-Bot competition with other teams. Team spirit and individual sportsmanship are emphasized throughout the club format and in competition.</p>
<p>Which Allen ISD goals/TEKS does this project support? Please provide 2 or 3 examples.</p>	<p>1. The use of technology in building and programming (science and CTE) 2. Developing knowledge through research, and then organizing a presentation slideshow. (English) 3. Preparing our Allen Eagle students to be effective problem solvers and to be able to collaborate with others.</p>
<p>What specific measurements will be used to evaluate the effectiveness of the project?</p>	<p>The weekly goals of developing the robot and learning to program the robot will lead to skills for the Competition Day. The team spirit that develops adds to the fun and drama of the competition. The fun, excitement, and passion seen during the competition emphasizes that these are high school students having a great time, and diminishes the differences that may be caused by their learning challenges or handicapping situations. The team spirit buttons will reflect the teams' decisions on team name, color, and mascot. The peer coaches will be asked to evaluate the program and their feedback will drive improvements in the next year. Getting to involve friends and family on competition day is priceless.</p>
	<p>1. Peer to peer learning: this program exists</p>

<p>What teaching methods will be used to implement this project?</p>	<p>because of the peer coaches providing support. 2. The goals for each week will be set out and provided to the peer coaches, who are supported by teachers in the club. 3. The expectations for the team will include robot building, collaboration on strategy for modifications to the basic robot, programming, and team building activities.</p>
<p>What is the project timeline and the date of implementation?</p>	<p>At this time, the club begins in mid-September and runs for 10 weeks. This club meets weekly, so we meet as many times as other clubs for a school year, but in a condensed time frame. The involvement in UIL is brand new, and may require extending our season. Guidelines are being developed and passed to us now: we want our club to be a good representation of what happens at Allen High School. If it would help, I would be glad to pass along the developments for our active club structure as plans change.</p>
<p>Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems.</p>	<p>This enhances the offerings for our Special Education students. The grant would provide another kit, allowing smaller teams and giving students more hands on time with the robots. Smaller teams also allow our peer coaches more time to build relationships and more time to work with each student. We could really see a difference in the teams that had two students and two peer coaches in the amount of time they had to build and program, as opposed to the small number of teams that had three students and three coaches.</p>
<p>Total Grant Budget Requested:</p>	<p>600</p>
	

**Additional Co-Applicants Set Number 1**

<b>Question</b>	<b>Answer</b>
First Name	Greg
Last Name	Burnham
Email	gregory.burnham@allenisd.org
Campus	STEAM Center

Grade:

10;11;12

**Project Budget Set Number 1**

<b>Question</b>	<b>Answer</b>
Item Type	Instructional Supplies or Resources
List item to be purchased under item category:	First Lego League robotic kit and extension kit
Unit Cost	600
Quantity	1
Total cost of items in this category:	600