

2014-2015 Educational Grant Application

Submission Date	2014-03-25 12:50:46
Name of Grant	Rountree's Technical Difficulties Club
Primary Contact	Shelley Privett
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Phone Number	(972) 359 9164
Additional Teachers/Staff who are applying for or will be working with this grant:	Todd Fornadel
Campus	Rountree Elementary School
Curriculum Area	Other (See Other Curriculum)
Other Curriculum	Technology
Grade Level(s)	6th
Students Impacted	15
Approver Name	Daniel Pitcock
Approver E-mail	daniel_pitcock@allensisd.org
Project Purpose	<p>Technical Difficulties is a student-driven, after-school technology club. The purpose of this club is to encourage student leadership, build logical thinking skills, bring out innovation and creativity, enhance problem solving skills and develop teamwork. This club provides the opportunity for students to learn through discovery, absorb future technologies, and acquire self-management skills while providing service to the school community through planning and presenting staff development workshops for teachers on web 2.0 tools that can be used in the classroom as well as encouraging students to explore technology tools.</p>
Project Description	<p>During the 2013-2014 school year, we piloted this student-led club at Rountree. Students led our Techno Tuesdays by teaching staff web 2.0 tools that they could use in the classroom. These students were the “experts on campus” and were available for teacher questions and helping with any technical difficulties they were having in an effort to implement these tools into their curriculum. Students also taught parents at our recent, Math, Science, and Technology Showcase. Students are currently working on creating a Rountree App. We would like to continue having this club on campus and enhance it by implementing more activities next year. We would like to inspire students to design a program that would give back to our Rountree campus. By working together as a team to provide service to the school and community, this group adds to Rountree’s commitment to developing student leaders for the community while</p>

	<p>providing students with positive peer role models on campus. Major components of this program's extension for next year include using coding skills, Raspberry Pi to create a kiosk in which visitors could access for campus directions, and group t-shirts to heighten the visibility of the group during their presentations and service events as well as deepen the sense of team identity for our students. We would also use LYNC to collaborate with the technology club at Boyd Elementary.</p>
Allen ISD Goals/TEKS	<p>Students use creative thinking and innovative processes to construct knowledge and develop products. Students collaborate and communicate using digital tools and resources to reinforce and promote learning. Students research and evaluate projects using digital tools. Students demonstrate knowledge and appropriate use of technology systems, concepts, and operations.</p>
Measurements	<p>Everything that students create will be a measurement as to this project being successful.</p>
Teaching Methods	<p>This club is mostly student-driven and student-led. Students learn through collaboration and inquiry with assistance from the sponsors.</p>
Timeline for Project	<p>The club will meet in September, technology, equipment and T-shirts will be ordered. Students will begin their inquiry and discovery to prepare for upcoming Techno Tuesdays by emailing teachers asking for teacher questions and ideas to support their curriculum.</p>
Curriculum/System Support	<p>Technology, science, math, and reading content for 6th grade are supported throughout this club. The Techno Tuesday student-led staff development requires members of Technical Difficulties to create sample products using their 6th grade content as examples of classroom application.</p>
Additional Comments	<p>We would also plan a field trip to the high school. We want students to know about the technology opportunities that are being offered by taking a tour of the CTE programs at the high school.</p>
Instructional Supplies or Resources	<p>15 Raspberry Pi kits @ \$40.00 each, 15 wireless flash drives @ \$15.00 each.</p>
Supplies Budget	<p>1,050.00</p>
Technology	<p>N/A</p>
Technology Budget	<p>0.00</p>
Staff Training / Staff Development	<p>N/A</p>
Training Budget	<p>0.00</p>
Transportation/Field Trip	<p>Field trip to the high school to tour CTE classes.</p>
Transportation Budget	<p>90.00</p>

Other	Technical Difficulties T-Shirts
Other Budget	225.00
Total Budget	1,365.00
Additional Funds	N/A