

Grant No. \_\_\_\_\_ For Foundation use only

**PLEASE NOTE: The maximum amount awarded for a Pasadena ISD Education Foundation mini-grant is \$5,000, for a campus-wide project. The Pasadena ISD Education Foundation mini-grants cannot be used to pay for shipping costs.**

**PISD EDUCATION FOUNDATION  
TEACHER GRANT APPLICATION**

**Instructions: Do not use a font smaller than 12. All signatures requested on page 1 are required or your application will be disqualified.**

**Cover Sheet**

**Project Title PISD Summer Technology Camp Amount Requested \$2261.13  
(Must match budget total)**

**Printed Name(s) AND signature(s) of primary applicant(s) associated with this grant application:**

**Sara Simmons** \_\_\_\_\_

\_\_\_\_\_

**Printed Name AND signature of ALL OTHER applicants associated with this grant application.**

**Marie Alanis** \_\_\_\_\_

**Kristine Rebstock** \_\_\_\_\_

**Lea Anne Daugherty** \_\_\_\_\_

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**School(s) Jensen Elementary, Moore Elementary, Genoa Elementary and Freeman Elementary**

**Grade(s) 2<sup>nd</sup> and 3<sup>rd</sup> grade**

**Subject (s) Technology Applications and Science**

**Primary target population/number to be served: (Put actual number)**

80 students 8 teachers 80 parents 2 grade levels

**Implementation dates: one week (Monday-Friday) in June or July 2008  
(Funds will not be available until approximately 6 months from application deadline)**

**Signature of SBD Chairperson \_\_\_\_\_ Date \_\_\_\_\_**

**Signature of Principal \_\_\_\_\_ Date \_\_\_\_\_**

Pasadena ISD Education Foundation

**ABSTRACT**

The PISD Summer Technology Camp is a hands-on proposal to immerse our early elementary students into technology applications while enhancing their research skills with Science enrichment. Last year, with the help of the Instructional Technology Department, we were able to reach out to eighteen second graders across the district. Our goal this year is to provide eighty second and third graders from Jensen, Moore, Genoa and Freeman elementary schools with technology enrichment activities and a focus on Science. Our hope is that, with technology, we can make Science fun for students and provide them with skills necessary for the future.

**A. Description of your project, include the identified campus NEED related to students and/or staff.**

**According to the Texas Education Agency’s website, the technology applications were put in place by the state of Texas:**

*To assist every student in crossing the digital divide by ensuring that every student is technology literate by the time the student finishes the eighth grade, regardless of the student's race, ethnicity, gender, family income, geographic location, or disability.*

**No Child Left Behind, Title II, Part D**

**At the end of the 2007-2008 school year, all fifth and eighth grade students in PISD will be taking a Technology Applications Assessment to show what our students’ technology skills and ability levels are. The PISD Summer Technology Camp will ensure that eighty second and third grade students from across the district will have the opportunity to use technology and gain valuable skills for future success in life.**

**There are technology teachers at only fourteen of the elementary campuses within the school district. On those campuses, students visit the computer lab one time per week or less, and even though most elementary classrooms have three computers, many students are not given the chance to use them other than for playing games. Our elementary students need to be immersed in technology across all subjects.**

**Our district scores for the 2007 5<sup>th</sup> Grade Administration of the Science TAKS were at 63% overall. The students involved in the camp will be researching reptiles and sharks and creating digital stories based on their findings. Hopefully they will gain a love for Science and important research and technology application skills that they can take back to the classroom with them to possibly share with teachers, students and parents. Our goal is to continue adding a grade level each year, and by the time these students take the Science TAKS and Technology Application Assessments, they will score higher due to their increased exposure to technology and Science.**

**B. List the project objectives and how these objectives will be measured.**

- **End of year second grade students will research a reptile, keep a digital journal, create a book about a specific reptile using MS PowerPoint, and create a digital story about their reptile using PhotoStory.**
- **End of year third grade students will research a shark, keep a digital journal, create a book about a specific shark using MS PowerPoint, and create a digital story about their reptile using PhotoStory.**
- **At the end of the week, each student will be able to discuss important characteristics of their chosen reptile or shark in a question and answer session with students and parents.**
- **At the end of the week, students will be able to use online databases to conduct research, create multimedia slideshows and digital stories with more ease.**
- **Next school year, we should see an improvement in technology and research skills in those students when they return to campus. Hopefully they will share their new skills with teachers, parents and other students in their classes. They will be peer tutors in the technology classroom as well.**

**C. 1. Describe proposed activities and procedures.**

**Prior to Camp:**

- **Purchase book cover sets, headsets with microphones, paper, CD-Rs, CD pockets, and CD labels. Retrieve snacks from H.E.B. for the students.**
- **Reserve sessions with Armand Bayou and MOTE Marine Laboratory.**
- **Reserve Video Conferencing equipment from the PISD Instructional Technology Department.**
- **Choose ten 2<sup>nd</sup> graders and ten 3<sup>rd</sup> graders from each of the four campuses (Jensen, Moore, Genoa and Freeman) to participate in the PISD Summer Technology Camp. Send home permission letters and receive approval from parents.**
- **Select at least one content area teacher at each school to assist during the camp for support.**

### **During Camp:**

- **Camp will run for one week in June at each campus (Jensen, Moore, Genoa and Freeman). Students will split into two groups by grade level, and meet either in a morning session (9-12) or afternoon session (1-4) each day.**
- **Monday through Thursday, students will meet at their home campus and complete the following activities:**
  - **Students will create a KWL chart about reptiles (2<sup>nd</sup> grade) or sharks (3<sup>rd</sup> grade) using Kidspiration software. They will continue to add to this chart during the week as they gather research.**
  - **Students will keep a digital journal using PowerPoint, and add to it daily reflecting upon what they learned each day.**
  - **Students will research reptiles (2<sup>nd</sup> grade) or sharks (3<sup>rd</sup> grade) using Nettekter and other online databases provided by the district.**
  - **Students will create slides in PowerPoint that include text and graphics based on research gathered on their specific reptile (2<sup>nd</sup> grade) or shark (3<sup>rd</sup> grade). The slides will be printed out as pages to be bound into a hardcover book for each student. Those slides will then be saved as jpeg files (pictures).**
  - **Students will insert the jpegs (pictures) into PhotoStory to make a digital story (movie). They will add music and narrate their story with their own voice recordings as well.**
  - **Their digital stories and all other work created during the week will be saved onto a CD and be placed into the back of their hardcover book.**
- **On Friday, students from Jensen and Genoa will combine for the culminating event, and students at Moore and Freeman will combine as well.**
  - **Parents will be invited on Friday, and students will combine campuses and have a movie watching event, where they will view each others' digital stories.**
  - **There will be a question and answer period after each movie for parents and other students to discuss findings.**
  - **Students in 2<sup>nd</sup> grade will end their culminating event with a visit from Armand Bayou Nature Center. A staff member will bring reptiles for parents and students to touch and learn about.**
  - **Students in 3<sup>rd</sup> grade will end their culminating event with a video conference with MOTE Marine Laboratory in Florida entitled *SHARKS: Devouring the Myth*. Students will learn more about sharks and be able to watch a live shark feeding.**
  - **At the end of the events, students will receive their hardbound books and CDs.**

### **2. How is this program innovative?**

**This program is innovative because it uses hands-on technology to cultivate a love of Science while improving research and technology application skills. Students will be able to apply skills they learn in the PISD Summer Technology Camp toward other aspects of their life and future endeavors. They will become technology mentors for their parents, friends, teachers and fellow students. This grant will allow us to empower our lower elementary students with technology and a love of Science that can stay with them for the rest of their educational careers and beyond.**

**D. Matching funds to support the project. (Do not include in the budget portion of the application)**

- **Volunteering of Time by Teachers (Sara Simmons, Marie Alanis, Kristine Rebstock, Lee Anne Daughrity) (30 hrs each, \$22/hr, \$660/teacher, 4 teachers)- \$2640 total**
- **SHARKS: Devouring the Myths Video Conference from MOTE Marine Laboratory in Florida (provided by Denise Gooden in Instructional Technology Dept. of PISD- 2 sessions, \$150 each)- \$300 total**
- **Snacks for 80 students for the week provided by H.E.B. Store #473 at 6210 Fairmont Pkwy in Pasadena, TX**

**E. Community and parent support. Identify community, business and/or parent support of the project.**

**Business- H.E.B. Store #473**

**Community- PISD Instructional Technology Department**

**Parents will support the Technology Summer Camp by bringing their child to camp each day. Their child will be able to share with them new technology skills that they learn each day. Parents will also be able to show support by attending a movie viewing of the students' digital stories.**

**Armand Bayou will be bringing reptiles native to our community to share with parents and students. The H.E.B. store located on Fairmont Pkwy will be showing support of the project by providing snacks for all eighty students during the week. The PISD Instructional Technology Department will be supporting the project by providing the video conferencing equipment and paying for the shark video conferencing sessions.**

**F. BUDGET: Be very specific on items and dollar amounts (Do not include matching funds). Amount requested on cover sheet must be the same as budget total or the application will be rejected.**

<b>Item(s)</b>	<b>Total Cost</b>
<b>1. Lintor Publishing Package with Large Landscape Leatherette Book Covers (3 sets of 30, \$270 each)</b>	<b>\$ 810.00</b>
<b>2. OfficeMax Laser Ream Paper, 96 Bright, White, 500 Sheets/Ream (4 reams, \$7.49 each)</b>	<b>\$ 29.96</b>
<b>3. Memorex 30 pack CD-R (3 packs, \$14.99 each)</b>	<b>\$ 44.97</b>
<b>4. Hurray for Herps (Reptiles and Amphibians) Armand Bayou Outreach Program (\$150 each, 2 showings)</b>	<b>\$ 300</b>
<b>5. Avery Zip/CD/DVD Pockets, Self-Adhesive, Vinyl, Clear, 10 pack (9 packs, \$6.29 each)</b>	<b>\$ 56.61</b>
<b>6. Logitech PC Headsets with Microphone (\$24.99 each, need 40 total- 10 for each campus)</b>	<b>\$ 999.60</b>

7. Fellowes Permanent CD/DVD Labels, 100 pack, Matte White (1 pack- \$	\$ 19.99
<b>Total:</b>	<b>\$ 2261.13</b>

G. Specify how the effectiveness of the project will be evaluated and what are the expected outcomes.

The effectiveness of the PISD Summer Technology Camp will be evaluated by students gaining new technology application and research skills in Science and across all disciplines in the future. Students will be able to apply their new research and technology skills in and out of the classroom. When this group of students reaches 5<sup>th</sup> grade, they will perform better on 5<sup>th</sup> Grade Assessments in Science and Technology.

Teachers, parents and fellow classmates will benefit greatly from the knowledge and skills gained by participating students. Hopefully, we can add 4<sup>th</sup> graders to the PISD Summer Technology Camp in 2009, and more elementary campuses will join us. Together we can equip our students with the technology skills that will make them successful leaders of Science and Technology in the future.

**Original** grant applications must be submitted to:  
Corky Privette, PISD Education Foundation Office, Administration Building,  
713-740-0034 [cprivette@pasadenaisd.org](mailto:cprivette@pasadenaisd.org)  
(No faxed or e-mailed copies are accepted)