

## 2007/2008 Mini-Grants for Teachers

8/13/2007

Primary Contact	Organization Name	Project Title	Project Description	Grant Amount
Ms. Jan Hughes	Nat Williams Elementary	"I'll Take Social Studies for 400" Grade Level: 2 #Students: All Second Graders Start/End: 09/07-05/08 Rural: No	By using a television, remote controls, scoreboards and teacher made gameboards, the classroom will transform into an action packed game show environment. Upon completing each unit, a gameboard will be formatted based on the information taught. This activity can also be used as an evaluation tool to see what needs to be retaught and what has been mastered.	\$640.00
Mr. Kyle Conatser	New Deal High School	"In the Lab" Science Camp Grade level: 1-2 & 9-12 # Students: 30 - 14 Start/End: 02/16/08 - 03/01/08 Rural: Yes	In an effort to get students "hooked" on science, high school and elementary teachers have collaborated to form the In the Lab Science Camp. With the assistance of high school science students, 1st and 2nd grade students will learn many science concepts, including plant life, butterfly life cycle, chemical reactions and rocketry.	\$515.00
Ms. Nancy Woods	All Saints Episcopal School	"Versatile" Math Grade Level: 1 # Students: 45+ Start/End: Ongoing Rural: No	Students will reinforce newly learned math skills through meaningful, leveled practice that is independent, self-checking and hands-on. This will be accomplished using the ETA/Cuisenaire Versa Tiles Math lab.	\$1,000.00
Bentley Gwyn	Coronado Junior High School	7th Grade Forensic Science Project Grade Level: 7 #Students: 402 Start/End: 01/08-03/08 Rural: Yes	Forensic science television shows such as Crime Scene Investigation (CSI) are currently very popular with students at the middle school level. This project will capitalize on this interest and use it to immerse students in learning that involves systematic observations, collection of relevant evidence, logical reasoning, and imagination in developing hypotheses and explanations. Students will work individually and in teams to identify a "suspect" based on the evidence the person leaves at a crime scene. They will perform investigative laboratory procedures that utilize knowledge of chemistry, physics, human development, and safety.	\$804.33

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Ms. Rashael Shofner	Whiteside Elementary	A Picture is Worth A Thousand Words: TEKS Digital Scrapbook Grade Level: 5 #Students: 120 Start/End: 08/07-04/08 Rural: No	Students are constantly bombarded with visual images via internet, television and video games. As a result of this, they are becoming more visually based learners. Throughout the school year, students perform 150 - 200 experiments for 5th grade science. The amount of information they are required to remember is staggering. A digital study guide will be created using video clips of each lab. This visual stimulation will not only remind the students of the processes used but also the equipment, safety procedures and conclusions reached.	\$573.36
Ms. Robin Straley	Westwind Elementary	Amazing Landforms in America Grade Level: 5 # Students: 80 Start/End: 11/07 - 05/08 Rural: No	Through a variety of inquiry science labs and an interactive Instructional Television (ITV) session with NASA, students will become geologists and cartographers. They will visually study various types of landforms and how they are made and will then connect what they are seeing to actual landforms found in national parks throughout America. This project will teach the students how patterns of interaction and change are useful in explaining landforms and will help them to appreciate and preserve the amazing landforms around them.	\$954.00
Ms. Gwen Parish	Springlake Earth High School	AP Calculus . . . With Graphing Calculators and College Credit for All Grade Level: 11-12 # Students: 10 Start/End: Ongoing Rural: Yes	Students enrolled in AP Calculus are expected to have ready access to a graphing calculator. However, due to limited family financial resources, this is possible for very few students. Through this project, all students enrolled in AP Calculus, and economically disadvantaged students enrolled in Precalculus, will be able to check out TI-83+ graphing calculators for use at home and at school.	\$968.00

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Ms. Yvonne Murillo	Capitol Intermediate School	As a Matter of Fact Grade Level: 4-5 #Students: 400-500 Start/End: 11/07-01/08 Rural: yes	Students will explore and differentiate between all types of Matter, forms of energy and study changes in matter and energy. They will conduct experiments and make and observe models of atoms, molecules and changes in Matter. They will also make their own models showing how energy can be stored and released and how energy can change from one form to another.	\$984.65
Ms. RoseMary Cardenas	Bowie Elementary	Bugs Alive Grade Level: 1st Grade # Students: 25 Start/End: 03/08-04/08 Rural: No	The natural curiosity of children and their love of bugs will be enhanced through the use of a ladybug habitat and butterfly pavilion. The children will observe the life cycle of ladybugs and butterflies and will document their observations and findings through the use of a science journal and the creation of a powerpoint presentation.	\$300.00
Ms. Melissa Canale	Atkins Middle School	Engaging Technology in the Mathematics Classroom Grade Level: 6-7-8 # Students: 460 Start/End: 08/27/07-05/29/08 Rural: No	Technology will be used to increase student engagement in the math classroom. Students will investigate fraction functions, data collection, data analysis and plotting, developing number patterns, conversions and graphing using the TI-73 calculator	\$1,002.00
Kara Marshall & Jo Unrein	Iles Elementary	Explorer's Backpack Project Grade Level: 1 # Students: 60 - 70 Start/End: 09/07 - 05/08 Rural: No	Periodicals and nonfiction early concept books about science and social studies will be sent home weekly with fun activities to complete with the family. At the end of the year, each student will take home their set of magazines to practice reading over the summer.	\$990.00
Ms. Ameer Dobson	Levelland Academic Beginning Center	F.A.C.T. Fun Academic Center Time Grade Level: K # Students: 40 Start/End: 08/07 - 05/08 Rural: Yes	Students will participate in academic centers that correlate with the classroom theme for the week. For instance, if the theme for the week is the rainforest, students' knowledge of the rainforest will be enhanced through centers that include an animal graph game, a safari board game, pattern creation with monkeys and vines, computer alphabet safari activities, etc.	\$500.00

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Ms. DeAnn Ramos and Ms. Jennifer Cox	Estacado High School	Homage to African American and Hispanic Artists Grade Level: 9-10-11-12 # Students: 120 Start/End: Fall 2007-Spring 2008 Rural: No	Students will study the lives of contemporary minority artists and will create a collage representation of four major artists' works. Using a grid format to reproduce a small portion of the original, students will interpret their section in pencil, watercolor, scratchboard, paint, pastel or ink, becoming more familiar with the famous artwork. Individuals sections will then be combined and will be displayed along with a framed miniature of the original work.	\$663.00
Ms. Barbara Carnes	Waters Elementary	I'm Not Kidding...Science IS Everywhere! Grade Level: 3rd Grade # Students: 100+ Start/End: Aug-May and Subsequent Years Rural: No	Interesting science stories such as National Geographic Science at the Park, in the Grocery Store, Mall, and Airport can bring science into the reading classroom. This project will integrate science and reading content while also feeding the natural curiosity that children have about the world around them. Books, experiment tubs and field trips will expose students to science in the real world.	\$986.00
Ms. Sherri Stone	Overton Elementary	Inspiring Young Artists with Books They Love! Grade Level: K-5 #Students: 608 Start/End: 08/07-05/08 Rural: No	Books that students love will be used to inspire unique art projects. They will learn to see illustrations and stories in a new way and will be motivated to read more and to seek out the authors and illustrators in their classroom, library and home. Not only will this project build literacy, it will also inspire young artists.	\$559.00
Ms. Julie Brantley	Estacado High School	Investigating Changing Dimensions Grade Level: 8 #Students: 400 Start/Finish: 09/07-05/08 Rural: No	Students will work as teams to design, produce, and present 3-dimensional models that demonstrate how scale factor is used to change dimensions in perimeter, area, and volume.	\$865.00

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Ms. Carolyn McCain	Levelland Middle School	Invisible Universe Grade Level: 4-6 #Students: 180-200 Start/End: 03/08 Rural: Yes	With the mystery of gamma-ray bursts as a motivational theme, students will gain knowledge and ideas that lead to understanding the mystery, even though it has not yet been solved. Students will learn about waves and wave motion, invisible waves, the electromagnetic spectrum, distances to celestial objects. They will gain a sense of the huge amounts of energy that can be released in cosmic events and learn how astronomers plan to further investigate the mystery of gamma ray bursts.	\$902.00
Ms. Mildred Ellis-Farmer	Wolffarth Elementary	Kindergarten Kollege Grade Level: K # Students: 60+ Start/End: 09/07 - 10/07 Rural: No	A series of four workshops will be presented in a fun, non-threatening way to teach parents how skills are learned and taught and provide them the knowledge to aid and be more involved in their students' education. Parents will learn games, songs, and ways to use everyday events as learning experiences for their children.	\$810.00
Ms. Rachelle Fulkerson	Atkins Middle School	Lassoing the moon and other "spacial" concepts Grade Level: 6-7-8 # Students: 460 Start/End: 08/20/07-02/20/08 Rural: No	In order to lay a concrete foundation in space science this project will introduce hands-on space models in three grade levels. The planetary model will show sizes, distances and demonstrate orbits; an illuminated planetarium model will illustrate the Earth, moon, sun relationship as well as lunar, solar and annular eclipses; and, a small scale model of the sun, moon and Earth will reinforce knowledge of lunar phases.	\$683.00
Ms. Candace Tickle	Waters Elementary	Learn It in Literacy Centers Grade Level: 1st Grade # Students: 100+ Start/End: Aug-May and Subsequent Years Rural: No	Literacy centers will provided focused places of learning where students can apply and practice skills and strategies they learn during shared and guided lessons. Students will make their own choices, work at their own pace and enjoy wide variety of activities to be completed both in small groups and independently.	\$970.00

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Ms. Lauri Deckard	Monterey High School	Lights...Camera...Language! Grade Level: 9-12 #Students: 50+ Start/End: 2007-2008 Rural: No	English as a Second Language students experience a lack of confidence and a feeling of isolation in the regular classroom due to low levels of listening and speaking proficiency. Through this project, they will work individually and in groups to script, perform, record, edit and present projects created with a mini DVD camcorder. Performances can be viewed and evaluated by the students immediately and will result in growth in fluency.	\$835.00
Mrs. Jamie Haliburton	Nat Williams Elementary	Longitude, Latitude, and Literature Grade Level: 2nd Grade # Students: 60 Start/End: 08/27/07-05/29/08 Rural: No	Social studies, reading and writing will be integrated to optimize student learning about different communities around the country, map skills and influential citizens. A variety of genres of children's literature will be used including fiction, nonfiction, biographies, and expository texts.	\$640.00
Ms. Suzanne Thomas	Christ the King Cathedral School	Lost in Translation Grade Level: 9-10-11-12 # Students: 50-60 Start/End: 08/07-04/08 Rural: No	By integrating Infinity Project labs into the Algebra II, Pre-Calculus, and Physics curriculums, students will learn how math and science concepts are directly linked to technologies they use everyday. For instance, they will learn how sine and cosine waves are used to create digital music and how matrix math concepts are used to manipulate digital images.	\$1,000.00
Ms. Dawn Bullock	Atkins Middle School	Making K'NEX-tions in Physics Grade Level: 7 # Students: 150 Start/End: 09/07 for 6 weeks; revisted in Spring Rural: No	Students will participate in a hands-on inquiry based learning experience using K'Nex to build models of simple machines. This will enhance their understanding of force, energy and motion and provide a means for making real world connection in math and science.	\$847.00

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Ms. Kara Swindell	OL Slaton Middle School	Marker Board Mania! Grade Level: 8 #Students: 100-125 Start/End: 08/07-05/08 Rural: No	Students will use graphing and periodic table dry erase boards all year long to increase graphing skills and understanding of the specifics of the periodic table. The periodic table dry erase boards will allow the students to label and color the appropriate groups and properties of the elements while they are learning and allows for instant feed back as the entire class participates. Confidence in graphing abilities will also be improved through the constant use of the dry erase boards to graph lab results in class.	\$279.00
Ms. Olga Sparks	Levelland Academic Beginning Center	Math through Music & Reading Grade Level: K # Students: 22 Start/End: 09/07 - 05/08 Rural: Yes	Music, rhythms and movements, visuals, manipulatives and age-appropriate literature will be used to enhance math skills. Each time a new math skill is introduced a musical math CD, activities and literature will be utilized to reinforce the skill being taught.	\$508.00
Ms. Michelle Daily	Highland Elementary	Math Work Stations-"Math Magic Centers" Grade Level: 2 #Students: 22-88 Start/End: 08/07-05/08 Rural: Yes	Students will benefit from station games and materials such as Pattern Blocks, Grab and Go Math, Magic Board Math Cards, Geometry Flip Boards, Beat the Clock Math Practice Boards and a Math Quiz Game Show.	\$1,000.00
Ms. Cheryl A. Brewer	Estacado High School	Multicultural Teaching Tolerance through Literature Grade Level: 9-10-11 # Students: 500+ Start/End: 9/07-5/08 Rural: No	Due to changes in student body ethnicity, and heightened racial tensions, faculty at Estacado High School have chosen to emphasize teaching tolerance for all cultures by using the young adult novels of Chris Crutcher. These novels focus on relevant teen issues, prejudices, drug abuse, child abuse, censorship, divorce, death of a teen, and peer pressure. They provoke thought about many important topics and offer a venue to address many social issues that the students face daily.	\$405.00
Ms. Holly W. Stone	Bowie Elementary	My Heroes Grade Level: 1st and 3rd # Students: 88 Start/End: 08/27/07-05/24/08 Rural: No	Students will learn about ordinary people who exhibited character traits that made them heroes. They will then use this information to teach others through power point presentations, photo stories, public announcements and modeling character traits daily.	\$580.00

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Ms. Kim Farmer	Wheatley Elementary	Passport to Asian Art Grade Level: 1 & 2 # Students: 85 Start/End: 08/07 - 05/08 Rural: No	Students will complete an individual project and a class art project that extends units of study for Chinese lantern Day in first grade and Japan in second grade. Every student will create a kimono independently and a paper lantern as a class. The kimonos will be worn during various activities and the paper lantern projects will serve as an impetus for research into history and the arts.	\$377.00
Ms. Amy Hill	Lubbock Christian Elementary	Playa Lake Plants Grade Level: 5 # Students: 30 Start/End: 09/07 - 05/08 Rural: No	Students will have the opportunity to investigate the plants that grow in and near the playa lake. They will observe, photograph and collect plant species. The plants collected will be mounted and students will properly identify and classify them using resource materials about playa lake plants.	\$390.00
Ms. Emily Gordon	Nat Williams Elementary	Problem Solved! Grade Level: 2nd Grade # Students: 70 Start/End: Fall 2007-Spring 2008(can be used in following years) Rural: No	Engaging students in math lessons can often pose a challenge. In order to solve this problem, while promoting necessary math skills, students will have access to a variety of engaging resources that can be utilized in whole group instruction, as well as independent workstations. Activities such as Math Wrap Around Games and Who Wants to Be a Math Star will encourage students to become engaged in valuable learning experiences.	\$550.00
Ms. Kristen Campbell	J. T. Hutchinson Junior High	Project-based Literacy: Moviemaker Grade Level: 7 #Students: 150 Start/End: 03/19/08-03/30/08 Rural: No	Students will learn how and why a literary work changes when it is produced on the big screen. They will divide into groups to analyze sections and/or scenes from novels, focus on camera angles, language, imagery, body language and expression, write a screenplay, and make a film. This project will allow students to become the architects of the curriculum by mapping out their own opportunities for comprehension and critical thinking.	\$770.88

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Ms. Vicki Sellers	Crosbyton Middle School	Publishing Beyond School Walls Grade Level: 6-7-8 # Students: 100 Start/End: 08/07-05/08 Rural: yes	Students will contribute to a competitive school-wide literary arts publication, culminating in a community Spring Literary Arts Festival. Students will submit original short stories, dramas, poetry, essays, speeches, reports, and artwork throughout the school year that will be published in the school's first annual literary arts magazine. Award-winning students will take a fieldtrip to Texas Tech University's Tech Press to expand their view of the publishing process.	\$837.00
Ms. Kristi Curtis	Wheatley Elementary	Ready, Set, Read! Learning Packs Project Grade Level: 1 # Students: 45 Start/End: 08/07 - 05/08 Rural: No	Literacy will be encouraged at home as students and parents work together to complete hands-on reading and writing activities that span the curriculum. The results of these at-home experiences will be highlighted once per semester in a student created newsletter.	\$789.00
Mr. Kyle Vernon	Crosbyton Middle School	Rocket Design and Retrieval System Grade Level: 8 #Students: 35(design/build) 200 participate Start/End: 04/08-05/08 Rural: Yes	This project incorporates aerospace training into a fun and demanding lab activity that heightens understanding of the physics of flight in terms of thrust, drag, weight and guidance. Students will design, build, test and launch their own rockets. On launch day, the entire school and community will watch the rocket launches and participate in the rocket recovery effort.	\$893.00
Ms. Marcia J. Talkmitt	Slaton High School	Sustainability Through Decisions - The Plight of the South Plains Prairie Dog Grade Level: 11-12 # Students: 50+ Start/End: 08/07 - 05/08 Rural: Yes	Lubbock City Farm, has been the site for wastewater effluent application since the 1930's. Controversy began when in 1989 the nitrate levels from the wastewater were so elevated that they reached groundwater and the wells of homes in the area. Prairie dogs were identified as the problem. Through this project, students will learn to evaluate issues and make sound decisions. They will apply the Learning for Use process (Motivate, Construct and Organize for Use) to this local environmental issue. The use of Wikis, GIS and satellite imagery, inquiry activities and internet searches will help them to develop decision making skills to solve real world problems.	\$1,000.00

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Mr. Mike Hill	Lubbock Christian High School	TI Best Robotics Grade Level: 9-12 # Students: 15-20 Start/End: Sept-Dec, Annual Spring Project Rural: No	TI Best Robotics is an annual competition in which teams design and build a robot from a supplied stock of materials. Participants will work on problem-solving, inquiry-based problems and learn to function in a team atmosphere. Robot construction requires an inventory of tools that will be purchased with this grant.	\$845.00
Mr. Brad James	Christ the King Cathedral School	Tools of the Trade Grade Level: 9-10-11-12 # Students: 50-60 Start/End: 08/07-04/08 Rural: No	This project will provide high school students with access to high-tech laboratory equipment, will provide teachers with the technology necessary for designing a broader variety of unique and challenging science-based labs and will create a more authentic laboratory environment. Tools will include accelerometers, differential voltage probes and magnetic field sensors.	\$1,000.00
Ms. Leigha Pate	Lockney Elementary	Where in the World is... Grade Level: 5 #Students: 45 Start/End: 09/03/07-09/20/07 Rural: Yes	In this project, 5th grade students will be divided into groups to research six of the world's major biomes - wetlands, grasslands, deserts, forests, coral reefs, and tundras. From their research of plant and animal life, climate, location and environmental significance, the groups will construct a large-scale representation of their biome to be presented during open house.	\$440.00
<b>Grand Totals (40 items)</b>				<b>\$29,655.22</b>