

GPEF GRANT REQUESTS 2016-2017			
GRANT NAME	CAMPUS	AMOUNT REQUESTED	REMARKS
STEM - Smart Lab & Tank	Pioneer - PreK/Kinder (Melikian)	\$220.10	Car Lover's Engine Repair Set from Hammacher Schlemmer, which will be a learning tool that allows students to learn basic car repair and maintenance skills. In addition, it allows students to improve their motor skills and develop problem solving skills. It also paves the way by sparking an interest in a vocational trade which will open their minds that learning and play go hand in hand, which will engage students more in the classroom.
Osmo for the Classroom	Pioneer - Kinder (Lewis, Schmidt, Davis, Boenisch, Rose, Carranza)	\$1,190.00	Tangible Play Osmo Gaming Classroom Kits which enable an iPad to merge the power of physical play with the digital advantages of real-time feedback. Playing beyond the screen invites to students to collaborate on tables or floors while manipulating tangible game pieces such as number tiles, letter tiles, and coding blocks. This program aligns with the HEAT outline that the district follows with higher-order thinking, engaged learning, authentic connections, and technology use.
Chromebooks	Pioneer - Kinder (Boenisch, Davis, Lewis)	\$9,851.16	Chromebooks, White Glove Service, and Management License to support the newly adopted curriculum <i>Read Well Ticket to Read</i> . This curriculum is not compatible with Apple iPads at the Kindergarten level. This technology would allow participation in the new curriculum which is a self-paced, student centered on-line program that results in improved reading performance.
iPads for Creative Learning Center	Crestview - 1st-3rd (Ginn)	\$2,502.00	iPads and Otterbox cases to increase creativity, collaboration, critical thinking, and communication within the Creative Learning Center. This will further enhance computational thinking, which fosters problem solving skills. It also assists students in becoming innovative, structured, and logical thinkers.
Osmo Gaming Kits	Crestview - 1st (Reeve)	\$5,652.50	Osmo Classroom Kits and Coding to be used in conjunction with iPads to provide enrichment and designated stations for ELAR and STEM. The kits may be used independently or as an extension of lesson plans for these core areas, additionally, allowing to expand the learning tools for the current curriculum. This system is also a valuable resource in all subjects for SPED, dyslexic, bilingual, and high achieving students.
Math in Music	Crestview - 1st - 3rd Music (Day)	\$337.50	Note Knacks Student Sets, magnets, and rhythm clocks to educate students on how math relates to other areas. Music gives concrete examples of math concepts. The hands-on manipulative encourages and engages students in learning Music and Math. Note Knacks requires student collaboration to create compositions. The rhythm clock is a great cross-curricular learning tool that integrates music with other subjects such as, Vocabulary and Geometry.

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STEMscopes Curriculum w/Technology Support	Woodland - 4th/5th (Adair, Baker, Sams, Brown, Roberts, Chestnut)	<b>\$7,200.00</b>	STEMscopes 2.0 Grade 4, 4 yr. subscription, 2.0 Grade 5, 4 yr. subscription, software management, White Glove Service, Charging Stations, and Chromebooks to offer a comprehensive, hands-on, collection of Science curriculum resources that will enhance the Science source currently utilized. The on-line programs are compatible with GUSD current technology devices, and all lessons can be shared and assigned to students either digitally or by print. STEMscopes closely follows the TRS scope and sequence and is already utilized in 6th-8th grade jr. high classrooms.
Engaging Students with Technology	Woodland - 4th (Murphy, Bynum, Yates)	<b>\$13,500.00</b>	iPad mini 4's 32GB Wi-Fi, Otterbox protective cases, iPad-Palooza professional development to bring more technology which will enhance and support 4th grade math lessons. iPads will allow us to utilize apps in the classroom giving the students the opportunity to do classroom work electronically. The training conference will allow the opportunity to find the apps that will be the best fit for our classrooms and curriculum.
GJHS Outdoor Classroom	GJHS - 6th-8th Grade (K Brewster)	<b>\$6,943.15</b>	Building materials and supplies to create and outdoor classroom for GJHS. This outdoor classroom project would provide learning the Texas Standards through real world application with the development of flower gardens, vegetable gardens, and monarch waystation, and certification. Future plans are to make this classroom a fundraising opportunity for GJHS by growing and selling student produce.
Analyzing Data with Vernier Probes	GJHS - 7th/8th (Richardson, Wyatt, J Williams, K Brewster, Perkins, Wright)	<b>\$4,824.52</b>	Heart rate monitor, EKG sensor anemometer, dual-range force sensor, force plate, on-site professional development & training to allow students to collect real-time data and analyze results of their tests. The Vernier probes could foster a connection between PLTW Gateway and core Science classes. They also make a direct connection with the implementation of STEMscopes. The probes also relate to 3 of the 7th and 8th grade sciences TEKS.
Calculate & Investigate	GHS - 9th-12th(Walton)	<b>\$2,533.20</b>	School Savers graphing calculators teacher's pack for engaging students and encouraging them to explore important principles and concepts. The TI-84 offers expanded graphing technology performance that comes preloaded with more than a dozen applications. This will be a tool for teachers to develop students' problem solving and reasoning skills, and abilities to use mathematical models. To fully implement this program, math teachers will utilize free webinars from the Texas Instruments Website.
Electrocardiograph	GHS - 9TH/11TH/12TH (B Wilson, Carrico)	<b>\$3,822.50</b>	In accordance with Anatomy and Physiology TEKS 7.C, students need to be able to evaluate the application of advanced technologies such as EEG, ECG, bionics, TENS, and cardioversion. 40% of classroom instruction is required to occur in a lab. This will assist in meeting that requirement. Students can explore the aspects of their own EKG and practice patient care. This equipment is exclusively hand-on and relies on the students being fully engaged and participating in a rigorous educational experience.
TOTAL AMOUNT AWARDED		<b>\$58,576.63</b>	