



# Grants 4 Great Ideas

## Campus Summary

### Spring 2018

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| <p><b>Falls Career High School</b><br/> <b>Digital Precision for a Successful Tomorrow</b></p> <p>The Digital Precision for a Successful Tomorrow Grant will have a major impact. The acquisition of a precision CNC router will enable our campus to create and mass produce teaching tools for our district that would otherwise be cost prohibitive. Within one year, the goal is for our students to develop the skills to create detailed plans and construct objects using this machine. After our students develop this proficiency, they can then construct mechanical models and devices that can be used to reinforce and teach other scientific and engineering principles, which can be distributed to other campuses and then benefit other students.</p> <p>Amount Funded:        \$3,171.14</p> | <p><b>Falls Career High School</b><br/> <b>Lab Tech to Assist Computer Based Science Curriculum</b></p> <p>This program will provide our science and math students with opportunities to gather data using sensors. This will allow them to not only record their data, but they will be able to observe changes in various scientific processes and concepts as they occur. This program will begin this fall and will be continued annually. All students taking science courses, or Algebra I or II will benefit from the use of the requested materials. The program should result in increased student comprehension or scientific principles, processes, and concepts as well as a more in-depth conceptual understanding in mathematics.</p> <p>Amount Funded:        \$985.00</p>   |
| <p><b>Marble Falls Elementary</b><br/> <b>Planting Seeds of Science Through Integrated Reading</b></p> <p>Initially, the Planting Seeds of Science Through Integrated Reading project will impact around 200 3rd &amp; 4th grade students. However, our hope is that the lasting impact will reach far beyond their school years. Teachers and students will receive Sciencosaur Student Handbooks to integrate reading and science. The intention is to spark conversations about independent reading strategies between ELAR teachers and science teachers.</p> <p>Amount Funded:        \$4,043.52</p>  | <p><b>Marble Falls Elementary</b><br/> <b>Inquiry Based Science Bins</b></p> <p>Receiving a grant for the Inquiry-Based Science Bins will enable science teachers to come together over the summer to review the streamlined science TEKS and receive training on how to integrate the process TEKS into science lessons. Teachers will take a closer look at four 3rd &amp; 5th grade science TEKS that we have historically struggled with, review and discuss a vertical alignment for each TEKS and plan hands on, engaging lessons using Stemsopes and Mystery Science. Lesson materials will be gathered and prepped in bins for use during the 2018-2019 school year. Twenty-three teachers will use the science bins throughout the year positively affecting science instruction for 630 students.</p> <p>Amount Funded:        \$1,962.27</p> |



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| <p><b>Highland Lakes Elementary</b><br/><b>Go Take A Hike!</b></p> <p>In 2001, our campus began work on an Outdoor Environmental Learning Trail. In 2006, the Trail was not able to be maintained due to funding. Our goal is to restore the Trail. The Trail will benefit current and future students on our campus in acquiring knowledge, values, attitudes, and skills to protect and improve the environment through cross-curricular instruction and activities. It will also significantly impact and build our community. An irrigation system is crucial to restoring the Trail. We also hope to acquire materials through the MFEF Grant to repair the outdoor classroom within the Trail.</p> <p><b>Amount Funded:      \$3,000.00</b></p>  | <p><b>Spicewood Elementary</b><br/><b>Inspirational Learning Spaces</b></p> <p>We are applying for a grant to help us create Inspirational Learning Spaces for our students. We would like to use the front entrance/lobby of our school and library to launch the first of many small group settings that provide a space where students can create and innovate. These spaces will allow students to work together or on individual projects. The furnishings will support daily activities as well as offer an individualized style of learning. The learning spaces we would like to create would be available to all students as we also focus on cultivating their social-emotional skills.</p> <p><b>Amount Funded:      \$2,211.06</b></p> |
| <p><b>Spicewood Elementary</b><br/><b>Schoolyard Habitat &amp; Outdoor Classroom</b></p> <p>Our vision of a "Schoolyard Habitat and Outdoor Classroom" comes from the need for students to experience outdoors in all aspects of learning. Within 1 year we want to provide a self-sustaining living laboratory on our campus, where approximately 230 students and staff will have access. The overall impact we hope to achieve is to establish a butterfly and hummingbird garden for our students. It's also significant to mention, students will help in the design process and lend their ideas for this innovative space. This space will provide increased resources and opportunities for creative interdisciplinary instruction.</p> <p><b>Amount Funded:      \$2,000.00</b></p> | <p><b>Spicewood Elementary</b><br/><b>Think Tank Makerspace</b></p> <p>Our goal is to create a Makerspace for our campus that will be ready by Fall 2018. It will provide hands-on, creative ways to encourage students to design, experiment, build and invent as they engage in science, technology, engineering, art and math....and tinkering. Teachers will strive to renovate learning for all 220 students on our campus. The ultimate outcome of our Think Tank is for our students to acquire an authentic preparation for their future by simulating real world challenges that develop their perseverance, determination, independence, and creative problem solving.</p> <p><b>Amount Funded:      \$4,995.00</b></p>                  |



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| <p><b>Colt Elementary</b><br/><b>Teaching with URGENCY!</b></p> <p>Teach with URGENCY! Is an expression Jen Jones uses when she is teaching her Tuesday PD's about reading. She addresses the attitude all teachers should have as we go about our daily teaching tasks. She is adamant about putting our best foot forward and teaching students as if we are being observed every day. We want to bring this URGENCY to every K-5 teacher on our campus, to reignite the spark in our reading blocks and make reading lessons even better.</p> <p><b>Amount Funded:        \$5,000.00</b></p>  | <p><b>Colt Elementary</b><br/><b>Eye Wonder</b></p> <p>Eye Wonder is dedicated to opening the eyes of our young children to the wonderful scientific world around them. All Pre-Kindergarten students, approximately 60, on our campus will have access to a USB microscope, block play crane, block play elevator, and block play conveyor belt in the classroom. Each of our three teachers will be able to develop lessons to increase our students' understanding of scientific concepts and the world around them through the use of these items. Awareness of details will increase and an understanding of how machines work will be achieved.</p> <p><b>Amount Funded:        \$387.72</b></p> |
| <p><b>Colt Elementary &amp; Highland Lakes Elementary</b><br/><b>Reasons, Rigor and Results</b></p> <p>Reasons, Rigor and Results are what we expect from the "math missionary", Greg Tang. We would invite him to our campus for professional development on October 22, 2018. This would include sixty elementary math teachers from two campuses. We hope to directly affect the math instruction of 1,200 students in grades K-5, by having Greg Tang share best practices and strategies with our teachers. We hope our teachers will take these new understandings and be more effective in their classroom instruction. The ultimate goal is to help our students be more successful at reasoning and develop a deeper understanding in math concepts.</p> <p><b>Amount Funded:        \$5,000.00</b></p> | <p><b>Marble Falls Middle School</b><br/><b>Flocabulary</b></p> <p>Imagine students being actively involved, engaged, and invested in learning not only about American History but all of their core classes. Now imagine that all we need is a website to provide different learning tools and the ability to create their own content driven raps. Flocabulary provides a series of quizzes, flashcards, educational rap videos, and so much more. It is the resource that makes those things possible because it is accessible for every teacher and student on the entire campus.</p> <p><b>Amount Funded:        \$2,000.00</b></p>   |



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| <p><b>Marble Falls Middle School</b><br/><b>Break Out of the Routine</b></p> <p>Break Out of the Routine can be used off and on year round with any subject. Around 50 students will immediately benefit from this in the fall with the possibility of reaching all students on campus by sharing the resources with any interested teachers. The impact I hope to achieve with the supplies and programs from Breakout Edu is to make learning fun and engaging for all subjects. Breakout Edu is an immersive learning games platform. Games consist of a combination of physical and digital puzzle elements that must be solved in a set amount of time. Similar to an escape room, players are challenged to open a locked box using critical thinking skills, communication skills, collaboration and creativity.</p> <p><b>Amount Funded:       \$450.00</b></p> | <p><b>Marble Falls Middle School</b><br/><b>Growing Stronger Roots for Students &amp; Staff – Emergent Tree Behavioral Solution</b></p> <p>For school year 2018-2019, application of the Growing Stronger Root for Students and Staff-Emergent Tree Behavioral Solution training and supporting materials for all Faculty and Staff will benefit and align behavior intervention efforts to support all students (Tier 1) grades 6,7, and 8 (965 students in total) as well as high need (Tier 2) students, roughly 10% or 100 students. The overall goals are to increase social -emotional learning for all students, decrease numbers of discipline issues, and improvement of classroom academic environments for all students thereby resulting in increased campus wide academic performance.</p> <p><b>Amount Funded:       \$5,000.00</b></p> |
| <p><b>Marble Falls Middle School</b><br/><b>Learn A Latte’ – Coffee Shop Collaboration</b></p> <p>Our goal is to create collaborative learning spaces outside the classroom in common areas that will enable students to work with each other and learn from multiple perspectives while exploring solutions through problem solving. These learning spaces will provide extensions to our classrooms, utilizing versatile seating and flexible furniture.</p> <p><b>Amount Funded:       \$4,994.30</b></p>  | <p><b>Marble Falls Middle School</b><br/><b>Namaste A Mustang Always</b></p> <p>This course will initially serve around 50 students during the 2018-2019 school year. The course is expected to grow in number of students served. Our overall goal is to inspire and teach students to have improved mental and physical health. We believe this will encourage students to practice mindfulness and have the result of decreased discipline referrals. Yoga has been shown to improve relaxation and brain function which will in turn improve classroom behavior and achievement. This in turn will have a positive effect on overall school culture.</p> <p><b>Amount Funded:       \$850.00</b></p>  |



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**STEAM Academy  
(Marble Falls Middle School)  
Legos – Moore Than Just Building Blocks**

Legos - More than Just Building Blocks is a grant for 8 Lego Mindstorms Education EV3 core sets as well as 8 expansion sets. Implementation of the robot education would begin at the start of school, and the building of the Lego robots will continue all year. This project will be available to students and teachers in different grades. Our goal is to explore coding and building of a robot in a collaborative manner using their 21st century skills (creativity, collaboration, communication and critical thinking.)

**Amount Funded:       \$4,127.20**