

Humble ISD Education Foundation
2020 Innovative Education Grants Program

Due to Humble ISD schools going online with instruction in spring 2020 because of COVID -19, the Foundation's annual Prize Posse was delayed until fall 2020. The Foundation is pleased to report that in August 2020, the Foundation awarded:

- **\$200,714** in 80 Innovative Education Grants impacting 43 campuses.
- **\$848,100** in designated grants in the 2019-2020 school year.

In summary, the Foundation awarded a total of **\$1,048,814** in support to Humble ISD educators and students in the 2019-2020 school year. Since 2000, Humble ISD campuses have received over **\$14.3** million from the Foundation.

Grant Winners	Title of Project	Project Description	Amount
ATASCOCITA HIGH SCHOOL			
Sara Hansen	Health Science: It's Electric!	As an educator of future health professionals, my goal is to send students into the work force with the tools they need to make them excellent health care workers. It is crucial to patient safety that students learn proper EKG techniques, and practice makes perfect! With this innovative tool, students will have real-world, hands-on learning opportunities that allow them to practice this skill and become proficient before treating patients.	\$4,099.00
Debra Howsmon	stemPOWER: Fueling the Next Generation with Biofuels	In stemPOWER: Fueling the Next Generation with Biofuels, students will explore the production of ethanol by investigating the impact of enzymes and temperature on the conversion of starch to ethanol. Groups of students will also design, build, and test an apparatus to capture and measure gas production during fermentation. Student groups will compete to determine which approach can generate the most ethanol from student designed and built systems.	\$364.00
Amanda Dennard Ann Weherman Deann Otis	Virtual Reality Bytes	Our project uses virtual reality equipment to create an enriching, project-based learning environment that includes challenging simulations and forces all students to think critically about technology and the world around them. Through interactive storytelling and content creation, we want our students to learn and experience the global and social impact of technology while challenging their creativity and technical knowledge.	\$3,600.00
Debra Howsmon	DNA Necklace	The DNA Necklace investigation uses simple extraction techniques that enable students to extract DNA from their own cheek cells and store it in a miniature test tube which is then fashioned into a necklace. Students compare their own DNA to their lab partner's and see that the samples are nearly identical. One of the best ways to maintain student interest in genetic science is to allow students to observe their own DNA. In this way, DNA becomes a very real and tangible subject worthy of study.	\$615.00
John Cobb	Drone Operations	Unmanned Aerial Vehicles (UAV) project will expose students to basic flight concepts and the operations of UAVs. The student will learn about how to pilot a quadcopter and practice operating a quadcopter on a simulator. The student will also receive hands on training on how the controls work on a quadcopter and how to program those controls. The student will then test their skills on an indoor obstacle course and race other students for the best time.	\$2,500.00
AHS – 5 grants			\$11,178.00
ATASCOCITA MIDDLE SCHOOL			
Courtney Ieva Tyler Pink	Reading Access for All	Powerful assistive technology will be utilized to support struggling readers, dyslexic students, and English language learners in the classroom. C-Pens will help students gain independence and academic confidence while helping teachers provide an inclusive, personalized atmosphere for all learners. Students will be enabled to access instructional and testing accommodations with ease and minimal distraction to others. The right assistive technology can level the playing field for students!	\$4,000.00
Karl Koehler	Progress in Learning: Personalizing Learning in Math	Learning is personal to each individual student. Every student is different in how he/she learns. Yet, our education system, despite the technological advances, continues to deliver information to students as a group, at the same time & rate, and oftentimes expecting the same learning product from each student. Our campus is ready to partner with the leading expert in providing personalized math education to every child, every day. It will revolutionize and disrupt the education system!	\$10,000.00
Jennifer Turner	Pawstive School Culture	The Pawstive School Culture grant will provide support for the culture of the school. One study confirmed positive benefits in people who experienced human-animal interactions by demonstrating a positive increase in "social attention, social behavior, interpersonal interactions, and mood; stress-related parameters such as cortisol, heart rate, and blood pressure; self-reported fear and anxiety; and mental and physical health, especially cardiovascular diseases".	\$2,500.00
AMS – 3 grant			\$16,500.00
ATASCOCITA SPRINGS ELEMENTARY			
Stacey Tedrick	Fostering Independence in Dyslexic Learners	This project includes two class sets of C-Pens each (10 per set for a total of 20 pens). This project will empower dyslexic learners by the use of a technological pen, the C-Pen. Through the use of the C-Pen, students identified with dyslexia are able to scan text. The scanned print is then discreetly read aloud to the student through earbuds. This eliminates the need for an adult to read aloud to the student, thereby increasing independence and motivation, all with the help of a pocket-sized pen.	\$2,500.00
ASE – 1 grant			\$2,500.00
BEAR BRANCH ELEMENTARY			
Stacy Seay Meghan Goodman Teresa Welch Michele Galindo Jennifer Wright	POG Builders: Developing Life Skills Through Games	POG Builders has a goal to provide opportunities for children to interact with their peers in a fun and engaging way using games that have been able to stand the test of time. Children continue to need to solve problems and work together in ways that allow them to be thinkers, collaborators, and team players. POG Builders allows social and emotional development to happen in the classroom to allow for more learning to happen each and every day.	\$1,414.14
BBE – 1 grant			\$1,414.14
CENTENNIAL ELEMENTARY			
KaSandra Elvir	Set the Stage to Engage with Classroom Transformations	Classroom transformations transport students inside the operating room, to a construction site, or on safari in the African Serengeti without ever leaving campus! Transforming classrooms promotes student engagement and student achievement by utilizing hands-on materials and decor items to re-imagine classrooms. Students will never want to miss class on transformation days!	\$1,030.00
CE – 1 grant			\$1,030.00
COMMUNITY LEARNING CENTER			
Jana McLain	Engaging the Kinesthetic Learner	Engaging the Kinesthetic Learner can be challenging in traditional classrooms. At the Community Learning Center, we value meeting the individual needs of each student. The use of flexible seating and fidget tools can support students who would otherwise be removed from class for impulsive behavior. Our goal is to serve 100% of our students 100% of the time.	\$710.00
Deanne Moore Helen Wagner Matthew Smith Jason Netardus Francesca Newman	Brain Break (Here's a Secret: it's Really a Brain Boost)	Brain Break (Here's a Secret: it's Really a Brain Boost) helps students prime their brain for academic engagement. This grant provides 100 new teachers across the district training and tools to integrate purposeful movement into their classrooms. Activities that assist in crossing the mid line and integrating hemispheres of the brain, allow students to more meaningfully engage in learning. Purposeful movement also teaches self-management and emotional regulation needed to be successful!	\$1,075.00
CLC – 2 grants			\$1,785.00

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CREEKWOOD MIDDLE SCHOOL			
Arthur Tagliabue	Drones, Drones and More Drones	The project is STEM based. The objective is to teach students the basics drones, flight basics & learn how drones will affect our lives in the future. Part of the project is to teach the students the technology of drones as they will assemble to drones & learn how to pilot them.	\$900.00
CMS – 1 grant			\$900.00
DEERWOOD ELEMENTARY			
Donna Acosta Laura Awe	Media Center Mania	Educating students of today requires a firm eye on what is approaching ahead, not just what exists in the here and now. Students must be given opportunities today to prepare for the jobs of the future. Coding is a language that even our youngest of students must become fluent in order to create and collaborate on their possible career paths of the future. We are committed to finding alternative methods of fitting coding into our school day on a regular basis.	\$3,000.00
DE – 1 grant			\$3,000.00
EAGLE SPRINGS ELEMENTARY			
Darcy Petzold Briana Edwards Chelsea Thompson	Got It, Spot It	Exhilarating, thrilled, and tickled pink are words that describe what happens when a student or any life-long learner uses the clues and coordinates to locate a geocache (hidden treasure). Geocaching is an innovative outdoor learning experience that requires the use of a GPS device or smartphone to track latitude and longitude coordinates to locate a hidden cache. The Educaching GPS literacy resources will inspire all of our students to try an exciting, new adventure in learning.	\$1,557.00
ESE – 1 grant			\$1,557.00
ELM GROVE ELEMENTARY			
Tonya Hinojosa Anntonette Brown, OFE	You Have the Code to My Heart	Our two schools will bring STEM and STEAM linked Coding into the hands of about 1200 students in grades K-5. The students will use cooperation, imagination, problem solving skills, and creativity in their exploration and invention. Our goal is to encourage growth in confidence and out of the box thinking for our children. These skills are essential for the 21st Century learner; a student that will be college and career ready.	\$5,134.00
EGE – 1 grant			\$5,134.00
FALL CREEK ELEMENTARY			
Allison Janes Carol Trimble, Lisa Hindmon, Precus Glover, Andrea Whitmore, Patricia Edmonds, Rachelle Meza, Kerri Smith, Abina Dorsett	We are the World: Journey to Africa!	Our globally-minded objective is to expose students to West African culture through the fine arts. We will take students on a journey to West Africa to explore elements such as music, sports, literature, arts, plants/agriculture, and language.	\$2,281.00
Lisa Hindmon	Recycle Rangers!	Our students would love to extend their passion for saving the planet and become Recycle Rangers, a student-centered recycling program. They will be peer mentors and teach other students how to separate paper to be recycled and earn money for their school in return. Students want to know they are making a positive impact on the world around them, and a recycling program will foster that connection to saving the world.	\$500.00
Rebecca Fiore Novi White	The Future is 3D!	As our society moves forward in technological advances, it is necessary for teachers to produce students who are interested and have knowledge of new technology. 3D printers allows students to take their learning to an abstract level and find answers or solutions to questions in today's world. Incorporating 3D printing into the classroom allows students to create, collaborate, and bring their ideas to life.	\$4,754.16
Aaron Austin Tiffany Rodee, Molly Williams, Whitney Beech, Rochelle Price, Kelly Hake, Tiffany Jenkins, Susan Rideau	Future Coding Classrooms	Future Coding Classrooms is intended to promote basic literacy in the digital age. It is important for kids to understand and be able to work with and understand the technology around them. Having children learn coding at a young age prepares them for the future. Coding helps children with communication, creativity, math, writing, and confidence.	\$1,000.00
FCE – 4 grants			\$8,535.16
FOSTER ELEMENTARY			
Ramona Michael	Reading, Writing, and Math Come Alive!	The objective of Learning Alive is to help beginning and at-risk students improve their literacy and math skills so they can perform at grade level and master the basics to succeed in subsequent grades. I expect to see dramatic improvements with most of the students increasing their reading and math abilities significantly. The Learning Alive Program provides all students with access to the advanced technology of augmented reality, allowing students to experience letters and numbers in 3D.	\$2,695.00
FE – 1 grant			\$2,695.00
GREENTREE ELEMENTARY			
Cara Rydell Jessica Wilkes	A Coding We Will Go	Digital literacy, problem-solving, and creativity are essential skills for students to develop to be successful in school and as future employees. By providing various technology tools we will enhance learning for students and staff. Our goal is to help develop digital skills for the classroom, future careers, and into the everyday lives of our students.	\$3,180.00
GTE – 1 grant			\$3,180.00
GROVES ELEMENTARY			
Stephanie Phipps	STEM for Everyone!	Teachers will have access to everything they need to develop a Science, Technology, Engineering, and Math (STEM) culture in their classrooms. With a focus on the Engineering Design Process, students will develop academic skills as well as interpersonal skills. In addition to classroom challenges, students will participate in campus-wide challenges, and parents will be invited to a family event where they too will become engineers.	\$2,285.00
Wendy McAlister	Full Steam Ahead	Our campus library is the collaborative hub. It is a place in which creativity is cultivated and challenges are presented. The library is a place to share ideas and enrich student minds. Our STEM challenges and stations have moved to include the A for arts as well. These activities provide tools and space in a community environment in an open space. An adult is always present, but the goal is to have students working collaboratively and to get help from other students.	\$1,750.00
GE – 2 grants			\$4,035.00
HIDDEN HOLLOW ELEMENTARY			
Laura Krakehl	Math Moves Us	Our campus strives to implement the six Portrait of a Graduate competencies. We've discovered that students have increased success through communication with one another and through hands-on opportunities to practice skills. The current math adoption is a tremendous resource but lacks manipulatives, station games and differentiation for individual students. These grant materials will allow our students to think more critically and give them the tools they need to achieve their full potential.	\$1,171.00
HHE – 1 grant			\$1,171.00

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HUMBLE ELEMENTARY			
Sarah Robinson	Unconditional Love and Furry Hugs	Unconditional Love and Furry Hugs is a project to bring a Comfort Dog/Canine Counselor to our campus. His sweet disposition and big furry hugs and kisses will promote the feelings of unconditional love, safety and strength to our school community. He will help promote Social/Emotional Learning, support positive moods and help our students and staff feel successful both emotionally and academically.	\$2,500.00
Olga Osio	Screen Mirroring in Two Languages	The Screen Mirroring in Two Languages Project consists of transforming a classic classroom into a modern learning environment where teachers and students with the use of Vivi, a wireless screen mirror, and a Clear Touch TV Panel; can interact from any point in the room, visualize learning the whole time, obtain immediate feedback from teachers and peers mirroring the use of the language, and have unlimited opportunities to collaborate in all content areas in a more engaging environment.	\$5,668.00
HE – 2 grants			\$8,168.00
HUMBLE HIGH SCHOOL			
Brandy Rood John Hearn	24 Hour Theatre Project	This project would allow a small group (4 or 5) of theatre students to write an original one-act play. Then 20 to 30 students will design, build, direct, and act in the original play for their peers, family, friends, and fellow students. This entire process will take 24 hours from beginning to end.	\$1,000.00
Tonya Green Tonya Green Courtney Washington	Mapping and Measuring in the Real World and Beyond	See what happens when Geometry, History, and virtual reality collide! Scholars will use virtual/augmented reality applications to explore historical structures from ancient civilizations like the Mayans, Incans, and Aztecs to more modern structures like Mount Rushmore, the Statue of Liberty and the Hoover Dam. They will manipulate geometric figures in a virtual space and ponder how culture and environment has impacted current architectural designs and those of specific historical time periods.	\$8,820.00
Laura Cathrine	Advancing Effective Communication and Real-World Readiness with Digital Storytelling	Advancing Effective Communication and Real-World Readiness with Digital Storytelling brings technological tools and digital literacy to students entering careers and fields of study in which relaying information in electronic formats is not only helpful but expected. Students will use equipment and research-based writing to create relevant storytelling using electronic modes of communication. Student projects will be aimed at audiences across our campus, district, and community.	\$2,800.00
Chestin Auzenne-Curl	It's My Story to Tell: A Literary Exhibition	10th grade students at Humble High School will work with published authors to produce an anthology of work that represents their authentic view of the world and themselves. Through a partnership with Writers in the schools, e-publication and a spring exhibition night, the community will celebrate the voice, life, work and art of HHS graduating cohort 2023. This innovative approach to authentic visual and print literacy will provide a pathway to creative self expression and community engagement.	\$5,900.00
HHS – 4 grants			\$18,520.00
HUMBLE MIDDLE SCHOOL			
Lynsey Thrower	Coding in Cultures	This project will help students bring World Cultures to life. Students will be able to code and map and most importantly connect themselves to the world. Students will create maps and use the Sphero balls as transportation around the world.	\$4,673.00
Alexis Hernandez	3D Printers Schoolwide	3D Printers School wide is a proposal to make 3D printers available to the entire Middle School Body. Giving more 3D printers to the STEM program but also giving printers to the Learning Media Center so that all of our students can benefit from this technology. With learning workshops and after school clubs every student will be able to learn how to 3D print!	\$4,054.00
Alexis Hernandez	Minds-I Drones Curriculum	Minds-I Drones Curriculum, taking the Robotics Curriculum in STEM to the sky. Bringing drones to the Middle School level and giving our students exposure to this growing technology sooner in their academic careers. Drones will become common place by the mid 2020s, our students need to start learning how this technology works to obtain mastery in this growing field.	\$2,234.00
HMS – 3 grants			\$10,961.00
JACK FIELDS ELEMENTARY			
Anita McKeague	Keep Reading Rolling: Summer Books on Wheels	To provide our students with literacy experiences over the summer, we will host a Summer Books on Wheels celebration in our school parking lot. Students will be able to check out new library books from the school parking lot to take home in order to keep their reading rolling. To encourage continuous summer reading, the Summer Book Cart will be offered four times over the summer for students to return and exchange books.	\$1,600.00
JFE – 1 grant			\$1,600.00
KINGWOOD HIGH SCHOOL			
Janet Collins Russell Traylor	Fatal Vision	High school students have been strongly influenced by peer pressure to consume alcohol and drugs and then choose to get behind the wheel of a motor vehicle. Social media has popularized this behavior. To counter the influence, we must address the mindsets in the classroom. With these tools: Fatal Vision Roadster-Pedal Kart, Alcohol Impaired Driving Course, Drowsy&Distracted Driving Course, and Marijuana Impaired Driving Course; students will see the deadly impact of their choices.	\$4,529.00
KHS – 1 grant			\$4,529.00
KINGWOOD MIDDLE SCHOOL			
Tiffany Elmer	Can You Hear Me Now?	Can You Hear Me Now allows special education students in science classrooms to receive services and accommodations to incorporate elements of personalized learning by allowing students multiple ways to access content (audio and video), as well as the ability to transmit text to speech. This empowers our special education students to become more self-directed and involved in their learning process, as well as improving their success in science with this added auditory and linguistic support.	\$524.00
Kaetlin Griesedieck Brittany Ranson Jessica Eisterhold	Breaking Out to Set Learning Free!	This project will provide our math department with 6 Breakout EDU Kits and online access to over 900 digital math games and activities. Breakout EDU kits bring an Escape Room experience to the classroom and allow for students to use critical thinking and their knowledge of their math curriculum to solve puzzles and gather clues to "break into" their learning. These kits will allow our entire department to be able to incorporate fun, engaging lessons that students and teachers will all enjoy!	\$800.00
Matthew Zamarron	Hands-on Coding of Drones	Students will demonstrate hands-on learning of coding by programming automated tasks of a drone (DJI Tello EDU). Students will learn how to manage the swift programming language to navigate and give the drone tasks. The drones will use "mission pads", colorful unique pads on the ground that are seen by the drone's camera to tell it when and where to execute commands that are programmed via the iPad app.	\$1,304.00
Jessica Eisterhold Tiffany Elmer Lauren Aragon	Learning with POP: Parents of Pupils	When parents are involved at school, the performance of all the children at school, not just their own, tends to improve. The more comprehensive and well planned the partnership between school and home, the higher the student achievement. POP Night will provide materials for make-and-take STEM stations where parents and students participate in an interactive family event where families can put into practice real-life application of the skills and concepts learned during the school day.	\$2,339.00
KMS – 4 grants			\$4,967.00
LAKESHORE ELEMENTARY			
Leslie Poulin	Fence/ Art Installation Project	This project will add beauty to improve the exterior of the school property by adding color and art to the chain link fence that surrounds our portable areas. Not only will the school gain privacy for the students who travel to and from the portables, it will also greatly improve the exterior look of the school. Our portables are visible to the community from the road. Our Art club will be responsible, with the Principal's approval, for the design, assembly and coordination of the installation.	\$1,296.00
LSE – 1 grant			\$1,296.00

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MAPLEBROOK ELEMENTARY			
Nadine Erigan Jana Schmidt Kristen Nazarko Sara Feske Danielle Wittman Kimber Gamboa Carly King	Not Your Normal Classroom	Classroom transformations create a unique and fun learning experience while increasing student engagement. Classroom transformations allow students to learn in a "not so normal classroom" through an exciting, altered learning environment. These learning environments could include transformations such as a restaurant or a sport event. These transformations provide real-world experiences with interactive materials that will deepen students' understanding of the content being taught in any subject.	\$2,807.00
MBE – 1 grant			\$2,807.00
NORTH BELT ELEMENTARY			
Lorena Curiel	Bridging the Summer Reading Gap	The summer reading program is designed in alignment with current research that indicates that first grade students who read during the Summer are significantly more likely to maintain or increase their reading level; otherwise, they are likely to regress. This grant would purchase approximately 660 books for 110 first graders to increase or maintain their reading level during the summer break. The excitement of the students when they received their books is something worth to experience!	\$1,776.00
Esther Cundiff Maria Vazquez Leneilla Johnson Donella Koulianos Clara Mantilla Ashley Wilder Kathryn Shaddix	You've Blinded Me with Science!!!!	Our project will be a highly engaging way for our students to explore outside of their environment. This will allow our students to experience their learning in a variety of styles such as hands on and will increase their critical thinking. In this day and age it is important for kids to turn off technology and turn on their imagination. This project will provide that opportunity.	\$1,970.00
Sandra Bogan Martha Basantes, Maida Castaneda, Ashley Collier, Mayra Garcia, Ariel Lewis, Jessica Medley, Marlene Rodriguez	Houston, We Have A Problem!	Students will take a field trip to Space Center Houston. During this experience students will have the opportunity to explore the recognizable patterns in the natural world and among objects in the sky outside of the classroom. This field trip will allow students to think critically and build a greater understanding of the world in an engaging environment.	\$1,174.00
Lesbia Rocha Vivian Guerrero Syble Simmons Justin Davis James Hiles	Busy Minds, Busy Hands!	Math, literacy-based and sensory manipulatives provide students access to engaging, motivating and challenging learning experiences. These tools support personalized learning that could maximize their skills in content areas such as improving math operational skills, numeracy, foundations in math, phonics, word attack, and sentence construction. Furthermore, providing appropriate sensory tools promotes sensory input for students with disabilities who require these tools for their learning.	\$1,136.43
Delena Chatagnier	"There's No Place Like Home"	"There's No Place Like Home" allows teachers to visit their students' homes to Kick Off the New School Year. We believe in all students 100% of the time and will be taking "Meet the Teacher" to the students' homes and communities. Students will now meet their 2019-2020 teacher during "There's No Place Like Home" annual August Home visits. Building strong relationships between schools, students and families is a priority and necessary for a child's education.	\$317.00
NBE – 5 grants			\$6,373.43
OAKS ELEMENTARY			
Kerri Smith	Innovation Station!	The Innovation Station will be a space to facilitate collaboration, creativity and innovation from our students! We want to give them a space to fuel their ideas, build projects, work with their peers and stimulate conversation, collaboration and ideas! This space will be utilized for the whole campus and is inspired by Google's work environment. The space will be different than the traditional classroom and allow students to get comfortable and increase their brain power through movement!	\$6,404.00
OE – 1 grant			\$6,404.00
PARK LAKES ELEMENTARY			
Karen Maciejewski	Coding Legacy in "The Twinkle of an Eye"	The IPAD accessory OSMO allows kids to play with tangible game pieces to increase letters knowledge and coding. To help onscreen Awbie maneuver his way to the juiciest strawberries, they must rely on their sense of spatial reasoning, patterns, computation, and logic to collaborate and manipulate the blocks to code the sequence, pattern or loop that lead him to the berries. Osmo will help them sculpt art, and form letters, by molding and shaping squishy sticks and rings to match those on the screen.	\$2,340.00
Becky Hunt	Reading My Way	Reading My Way will provide hands on reading activities to be placed in individual tubs for students to work on when they come to the special education classroom for extra help in specific skills. These tubs will be specific to each student to allow them to work on material that they can do independently while still providing a challenge while the teacher works with other students on an individual basis.	\$1,000.00
PLE – 2 grants			\$3,340.00
PINE FOREST ELEMENTARY			
Sarah Mull Tracy Eskola Darcy Simmons Julie Fabela Ruth Shupak	Student Choice + Play = A Powerful Day	Student Choice + Play = A Powerful Day fosters creativity, problem-solving skills, and enables students to apply their critical thinking skills. In addition, this offers students a welcome into their school day that an expectation of silence and morning work do not.	\$1,000.00
Jennifer Berman Vanessa DeAnda Claudia Salinas Brienne Gonzales	Hands On STEM!	Hands On STEM! Students will have access to Science, Technology, Engineering, and Math (STEM) resources in every third grade classroom. These resources include a variety of STEM project cards, texts, and the resources needed to create these projects. This project provides an opportunity for teachers to integrate across curriculum areas, giving students the tools they need to become critical thinkers, collaborators, and innovators as they engineer their way to becoming global citizens.	\$2,071.00
PFE – 2 grants			\$3,071.00
RIDGE CREEK ELEMENTARY			
Kara Peck	No Place Like Home, New Campus, Same Mission	"There's No Place Like Home" allows teachers to visit their students' homes to Kick Off the New School Year. We believe in all students 100% of the time and will be taking "Meet the Teacher" to the students' homes and communities. Students will now meet their 2020-2021 teacher during "There's No Place Like Home" annual August Home visits. Building strong relationships between schools, students and families is a priority and necessary for a child's education.	\$631.00
Andre Perkins Nicholas Carter	PRiDE (People Respecting Individual Differences Everyday): Boys Club	Grant funds will give the opportunity for all student of the Boys Club to experience a program that promotes respecting individuals from all backgrounds. Fourth and fifth graders will participate in year-long small group activities to include team building, respecting others, compassion, promoting kindness, and service-learning. The goals for club are for students to develop compassion, seek and promote kindness and implement student lead service-learning projects.	\$414.00
Kim LeBlanc	Creating Future News Teams	Twenty students have met academic and behavior requirements and auditioned to be a part of our school wide news program titled, Cub News. These students help create the script, record, edit, and report the news to every student on our campus. Taking these students to KPRC Channel 2 news station in Houston, Texas, will give these students an insight into how the local news is created, recorded, and edited on a daily basis.	\$1,500.00
RCE – 3 grants			\$2,545.00

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RIVER PINES ELEMENTARY			
Shawna Crankshaw Souvany Jennings Tonya Hinojosa, EGE	LEGO we do TOO	Our inquisitive students want to explore, build, be creative in life. By giving students the Lego Education Spike Prime Set and the Lego Education WE Do 2.0 Kit STEM activities, they can create, manipulate, collaborate, and use their imagination. These sets allow us to integrate coding, science, and technology. These Lego STEM activities allow students to explore Science, Technology, Engineering, and Math. This allows our students to practice real-life skills needed for their future.	\$1,980.00
RPE – 1 grant			\$1,980.00
RIVERWOOD MIDDLE SCHOOL			
Bryanna Grod	First Chapter Fridays	What better way to build a culture of readers than to equip RELA classrooms with current, high-interest, engaging novel collections? Using the 2020 Lone Star Reading List, which is created yearly by public and school librarians, we will build classroom libraries so that teachers may share with students an intriguing novel every week and then put that book in a child's hands. From there, one student shares it with another student, and then another, and eventually we have a culture of readers.	\$1,028.00
Eileen Bell Anne Sims	Coding Curiosities	This project is designed to engage students in coding using the latest technology. By adding the Cubelet-Curiosity Set, Strawbees-Coding & Robotics Kit, and Makeblock-Airblock Drone to our STEM & Programming CTE Curriculum students will be on the cutting edge of the coding industry. These products will add an excitement for learning like never before and put our students in the role of creator and collaborator. Our goal is to generate excitement for learning.	\$2,256.00
Sarah Zerface	Perk Up	The self-contained classrooms will be selling hot beverages to the faculty once a week. The students will take the orders, make the hot beverages and deliver them to the faculty. All proceeds will go into the special education department.	\$500.00
RMS – 3 grants			\$3,784.00
ROSS STERLING MIDDLE SCHOOL			
Corinne Henderson Diane Mallard Laurie Jack	Sounds of Science	To make conceptual science concepts more real to our students we use technology to give them experiences. In order to use technology effectively in the classroom a student needs to be able to immerse themselves in it. A student cannot fully lose themselves in the virtual experience if the noises of the classroom, or other students doing the same activities is distracting them. We need classroom sets of headphones so our students can block out the distractions and envelop themselves in science.	\$1,049.00
LaQuanta Irvin-Smith	Coding Our Way Through Social Studies	I would like my students to be able to experience coding through Social Studies. Coding through Social Studies will allow students to understand the different sequences and cardinal steps through direction. Coding will also help students remember different aspects of American history.	\$1,000.00
SMS – 2 grants			\$2,049.00
SHADOW FOREST ELEMENTARY			
Rebecca Endtricht	"Paws-itively Happy Learners"	"Paws-itively Happy Learners" focuses on the emotional well-being and academics of our students. Our therapy dog will be a listening ear to student readers and will also visit classrooms. The students will emotionally benefit from our therapy dog as he provides comfort to anxious or upset students and aids in transitioning reluctant students into our building as they prepare for a day of learning and socializing. He will also provide incentives for motivation and rewards for desired behavior.	\$2,500.00
Casee Fetzer	Awesome Authors Big and Small	In order for students to see themselves as authors, they need to be exposed to a variety and diversity of writing, not only at school, but also at home. These books will inspire student writing at school and will be shared at home. Student writing inspired by favorite authors will also be sent home to be shared with families. We want students to be amazing writers. Giving them books to ignite their own creativity is the first step!	\$1,800.00
Tina Ide	Snack Shack: Biting into Vocational Readiness	The Snack Shack will provide an opportunity for special needs students at the elementary level to generalize, apply, and practice learning from across the curriculum in a vocational readiness enterprise. This project will have students offering beverages and snacks for sale to staff around the school on regularly scheduled days. The project will be ongoing incorporating communication, academic learning, social, and functional skills that students can apply throughout their lives.	\$672.00
SFE – 3 grants			\$4,972.00
SPECIAL EDUCATION			
Susan Leslie Patout	Fine Motor Frenzy 2.0	This project provides varied fine motor activities linked to academics while providing daily opportunities of practice to all Kindergarten students across the district at 25 elementary campuses. Research shows strong fine motor skills are a predictor of later academic achievement and are one way to close the learning gap. Each class will have 4 stations, to be rotated among teachers each grading period. Fine motor skill development is essential in setting up students for long-term success.	\$9,800.00
SPED – 1 grant			\$9,800.00
SUMMER CREEK HIGH SCHOOL			
Daphne Henderson	Project Hope: A Mentoring Program for At-Risk Students	Project Hope seeks to curtail the number of African-American students placed in ISS and OSS at a high school campus. Approximately 30 identified students will be paired with faculty mentors and trained in restorative justice practices to improve their interpersonal and problem-solving skills. Through positive interactions with adult role models, weekly check-ins, and reflective exercises, students will learn to communicate their social and academic needs more effectively.	\$465.00
James Gaylord Roger Vazquez Joselito Pilanta Willie Lewis John Arnett	The Human Sundial!	Our students will build an Analemmatic Sundial! It is a ground feature that uses the human body, located at a specific point, to cast a shadow that points to permanently buried markers indicate the time of day.	\$1,000.00
Kristal Ortegon	Aquaponics: Sustainable & Natural Method of Agriculture for the Future	Aquaponics is an agricultural method that combines aquaculture (raising fish in a controlled environment) and hydroponics (growing plants without soil) in one integrated system. Aquaponics will teach students different concepts in Biology, Botany, Physics, Chemistry, Zoology, and Ecology. This project gives me the opportunity to bring in the natural environment for students to learn through hands-on work, giving the fundamentals of science, agriculture, math, and business.	\$8,500.00
SCHS – 3 grants			\$9,965.00
SUMMERWOOD ELEMENTARY			
Tracy Stewart	More than Comic Books	This grant would allow our campus to purchase a complete graphic novel section for the library, which will be available to all students in first grade through fifth grade. Graphic novels are high-interest books that engage reluctant readers, ESL students, Special Education students, and transitional readers. This collection will benefit all students as they become fluent readers.	\$2,350.00
SWE – 1 grant			\$2,350.00

Humble ISD Education Foundation
2020 Innovative Education Grants Program

TIMBERS ELEMENTARY			
Kari Schellinger Karen Gibson	Move Your Body, Grow Your Brain	Going back to the basics of gross and fine motor movements in our body movement lab, students can practice academic concepts in all subject areas while they have opportunities to move as they learn. Movement activities as simple as crawling and rolling help pinpoint and refine skills needed to read and write as well as improve balance and overall health! Providing a variety of items in size, type, and quantity will help improve our lab so that more students can use and refine their skills.	\$3,950.00
TE – 1 grant			\$3,950.00
TIMBERWOOD MIDDLE SCHOOL			
Corey Lenon	Cook Like a Chef	Students will learn in depth food safety skills, knife cutting practices, as well as cooking that takes students from a home cook or baker and transforms them into a professional junior chef in a culinary atmosphere. Students will be immersed in all aspects of cooking from creating recipes, proper food preparation, to the execution of a final product including packaging & merchandising the product. Students will create a recipe for success through their own creativity and hard work!	\$2,250.00
Cynthia Ureta	Agents of S.H.I.E.L.D. Reporting for Duty	The Agents of SHIELD are here to help! The Agents of SHIELD (Students Helping to Innovate, Educate, Lead, and Design) is a technology club comprised of 6th, 7th, and 8th grade students. The mission of the club is to discover, explore, and learn about various tech tools that can be used in projects and with STEM. The club members use their knowledge to host trainings that will teach both their peers and teachers how to operate these tools and how these tools can be implemented in the classroom.	\$2,500.00
TMS – 2 grants			\$4,750.00
WEST LAKE MIDDLE SCHOOL			
Lauren Stewart Clarissa Butsch	H2OMG: Shedding Light on Human Impact on Water	Students learn best from real-world experience. "H2OMG" will provide students with hands-on Lab-Aids Kits that will be used to investigate water pollution, watersheds and stream erosion with an emphasis on human impact on the world's water supply. Water is a vital natural resource that needs to be protected and respected.	\$2,293.00
Amy Medefesser	Shadowbox Stories: Visions of the Future	Visual art is a powerful way to transfer knowledge! Student artists will travel to a senior living facility to interview residents, developing shadowboxes narrating aspects of senior citizens' lives. Artistic skills will be used to honor specific contributions, lessons, and legacies of residents. Students will develop skills in communication, empathy, and inter-generational connections. Residents will benefit from the chance to connect and impart wisdom accrued from a life-time of experience.	\$487.00
Alyssa Lovell	"Fab Lab" Innovative Makerspace	My goal is to create an authentic learning and collaborative experience in which students use 3D printers, vinyl cutters, sewing machines and other tech tools to be housed in the Learning Media Center. This "Fab Lab" will create an environment for students to become creative thinkers, collaborators, innovators, makers, and critical thinkers. The "Fab Lab", fabrication laboratory, will build innovative, 21st century learners and engage them actively in the "maker" world.	\$6,857.00
WLMS – 3 grants			\$9,637.00
WILLOW CREEK ELEMENTARY			
Cynthia Galvan	Making Seniors Smile!	Words cannot describe the emotional success of this project. The choir tours twice a year and you truly see seniors smiling, hugging, singing along, and even shedding a few tears of joy. The choir practices for their programs many hours and present it for the school first. Then, at the Christmas and in the spring, the show goes on the road. This is our seventh year to do this, and the last four years the Foundation has funded our transportation costs.	\$400.00
James Harvey	Sphero Spark Project	Rolling along the coding highway that is our future, the Sphero Spark Program will ignite the students imagination by coding, creating, and using critical thinking to solve problems, spell letters, and drive the students to their fullest potential. The possibilities are endless with the Sphero Spark Program, from writing out your ABC's in paint, to choreographing a light show to music, or calculating trajectory and angles in math. Students will always remember the power of the Sphero.	\$1,650.00
WCE – 2 grants			\$2,050.00
WOODCREEK MIDDLE SCHOOL			
Jadira Bernal	The Empowered Classroom: Personalized Learning with Engaging Platforms	Nearpod, BrainPop, GimKit, and Pear Deck allow students to participate in engaging formative rich digital lessons and receive real-time feedback on their understanding of concepts. Teachers will be empowered with the ability to create interactive lessons that allow them to assess and address gaps in student understanding during the lesson. Students will be empowered with more opportunities to participate in their learning and receive personalized instruction from their teachers.	\$5,845.00
WMS – 1 grant			\$5,845.00
WOODLAND HILLS ELEMENTARY			
Jennifer Duncan	Playing with Poetry	Playing with Poetry allows students who want to explore their passion for poetry the time, space, and materials to do so. 4th and 5th grade students will have the opportunity to learn about poets and their poetry, by listening to podcasts, exploring their websites and of course, reading their collections. Participants will create and share their own poetry in a variety of ways, keeping a personal journal, creating posters with artwork, or using technology like adobe spark.	\$386.00
WHE – 1 grant			\$386.00
80 grants			\$200,713.73