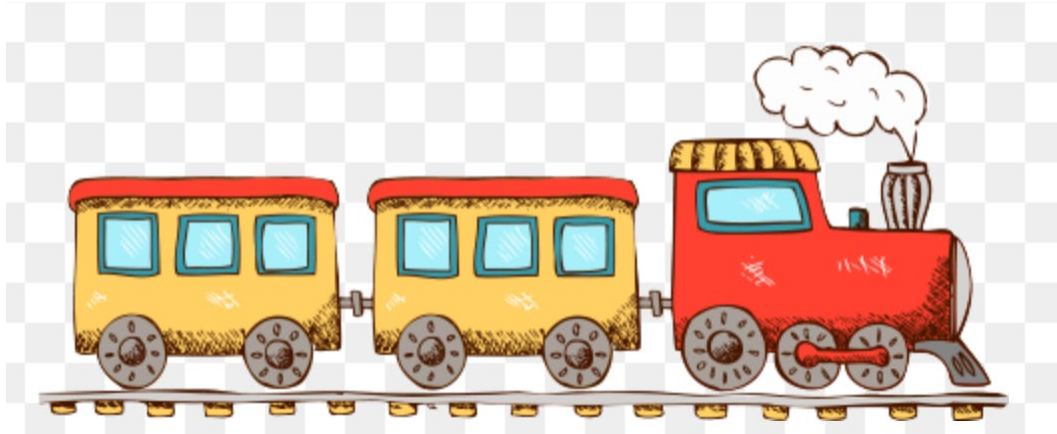


Tomball Education Foundation Grants  
February 2, 2023

**ALL ABOARD** the ETrain.....



Campus	Time
Tomball Intermediate School	8:05am to 8:10am
Tomball Innovation Center (Special Services)	8:15am to 8:20am
Tomball Star Academy	8:20am to 8:25am
Creekview Elementary School	8:45am to 8:55am
Tomball Junior High School	9:10am to 9:20am
Tomball Elementary School	9:25am to 9:30am
Decker Prairie Elementary School	9:40am to 9:50am
Rosehill Elementary School	10:00am to 10:05am
Grand Lakes Junior High School	10:20am to 10:30am
Tomball Memorial High School	10:45am to 10.50am
Oakcrest Intermediate School	10:55am to 11:00am
Wildwood Elementary School	11:05am to 11:10am
Northpointe Intermediate School	11:15am to 11:20am
Willowcreek Elementary School	11:20am 11:25am
Willow Wood Junior High School	11:30am to 11:35am
Lakewood Elementary School	11:45am to 11:50am



## **Tomball Intermediate School**

**Reading for All Book Vending Machine** \$ 5,000

*Myriam Kahn Samora Davis*

*Tomball Intermediate School*

The Reading for All Book Vending Machine would allow students to select over 200 plus chapter books that they can share and read with their friends and family that feature appropriate content for their age/grade level. The benefits of reading with others enhances language development, critical thinking, increases motivation and enjoyment of reading, and fosters positive relationships. This also supports our Great Expectations Classroom Practices and our Campus Improvement Plan.

## **Tomball Innovative Center**

**Move to Learn: Encouraging self-initiated movement to increase independence through exploration for children with mobility impairments!** \$2,805

*Whitnee Drake*

*Spec. Serv Tomball Innovative Center*

Innovative technology allows mobility for impaired students to propel them toward independent exploratory self-learning through interacting with their peers, teachers, and environment during developmental play which leads to learning. Research indicates that developmental play drives physical, motor, cognitive, socio-emotional, sensory, and language skill development in young children. This grant will build foundational skills that will promote learning throughout their educational experience here in Tomball.

**Technology in the Adapted PE Environment** \$ 1,577

*Brooke Looney*

*Spec. Serv Tomball Innovative Center*

Technology is an important part of our everyday world and introducing this component into the Adapted Physical Education environment could be impactful to our students with disabilities. iPads and apple pens could give students a new way to learn Physical Education through the use of yoga apps, music, and can be something that transitions well to their everyday lives at home. These tools would also be instrumental for the teachers when taking data, completing assessments, and having choice/first, then boards easily accessible.

**Dual Credit Public Speaking and Impact Coaching** \$ 4,500

*Kelly Marchiando*

*Tomball Star Academy*

*Tomball Innovative Center*

Building capacity in all learners as they grow into young adults pivots around their ability to communicate ideas and opinions effectively. This growth potential is dependent on the learner's ability to engage in reflective practice for improvement. The development of student public speaking skills through the use of these grant-funded Swivl cameras serves to impact not just the individuals, but the classrooms, the campus and the greater community.

**Creekview Elementary School**

**Outdoor Permaculture Classroom** \$ 5,000

*Megan Johnson*

*Mary Lytwyn*

*Elizabeth Smylie*

*Thomas Smylie*

*Creekview*

*Elementary*

Tomball students will now have the opportunity to learn about financial literacy and economics with hands on experiences with native Texas plants. They will be able to experience creating budgets and detailing their expenses to create a product that can be donated to our local community! This will create so many meaningful memories for our students that will help them become financially responsible citizens!

**Tomball Junior High School**

**Pressing for a Future in Digital Media** \$ 789

*Regina Garceau*

*Tomball Junior High*

*Tomball High School*

From classwork to the working environment of digital media, students will take their talents and creations while using industry standard equipment. Students will create and present their designs to the student organization who then will choose the tee shirt design to be produced by the digital media students.

**School 2 Home Connection** \$ 5,000

*Veronica Silvas*

*Giselle Reyes*

*Tomball Junior High School*

School 2 Home Connection will bridge English language acquisition from school to home by making education accessible for Emergent bilingual students. Students will now have the opportunity to access their primarily online curriculum at home with the support of accessibility tools and resources provided through a Chromebook. School 2 Home Connection ultimately creates a pipeline between teachers, Emergent bilingual students, and their families.

## **Tomball Elementary School**

### **All Means All Creating accessible and engaging lessons for low incidences populations**

\$ 4,973

*Tabitha Garrett   Alicia Means   Eileen Garza   Samantha Hoffman   Tomball Elementary*

This project will be used to create interactive, engaging and accessible learning materials that support the engagement of students with low vision, cognitive impairment, and physical limitations. These items are customized based on need. By including the use of High School volunteer manpower, we deepen the understanding of the range of community needs and provide authentic opportunities to provide a community service while enhancing their portfolio.

## **Decker Prairie Elementary School**

### **Building a Thinking Classroom   \$ 5,000**

*Stacey Race*

*Decker Prairie Elementary*

Double adjustable magnetic whiteboards and manipulatives will be used to implement practices from Peter Liljedahl "Building Thinking Classrooms in Mathematics". These whiteboards will allow students to collaborate, not only in a small group but as an entire class, as their knowledge becomes visible to all. Making knowledge mobile in the classroom is the primary goal for this grant.

### **Building a Thinking Classroom   \$ 5,000**

*Carrie Wilkins*

*Decker Prairie Elementary*

Double adjustable magnetic whiteboards and manipulatives will be used to implement practices from Peter Liljedahl "Building Thinking Classrooms in Mathematics". These whiteboards will allow student to collaborate, not only in a small group but as an entire class, as their knowledge becomes visible to all. Making knowledge mobile in the classroom is the primary goal for this grant.

### **Call to Excellence   \$ 466**

*Ashley Douglas*

*Decker Prairie Elementary*

Welcome to the Daily Decker, where student engagement and ownership are part of our every day routine. Our Call to Excellence is a live broadcast showcasing various Great Expectations components that is directed by students and their teachers for other classrooms across our campus. Students will also receive the opportunity to exhibit their creativity by having the use of a mobile green screen during their broadcasting session.

## **Rosehill Elementary School**

**\*Campus\* Readers - Book Vending Machine** \$ 5,000

*Ashley Loftin*

*Rosehill Elementary*

Rosehill Readers Vending Machine reignites the excitement of reading. Students set individual reading goals with their teacher and once they have met that goal, they are rewarded with a special golden token. This token allows the student to choose any available book they want from the vending machine, which offers books in all reading levels PK-5 in both English and Spanish.

## **Grand Lakes Junior High School**

**KAMI for Kids** \$ 3,150

*Lisa Stoyak* *Eloise Traw* *Rachel Page* *Jill Moreno*

*Grand Lakes Jr. High*

Kami for Kids provides the Google Kami Extension for the students and core curriculum teachers for one year at our campus. Kami allows students to use tools previously only available on paper (writing, highlighting, drawing, coloring, etc.) and digital tools (dictionaries, text-to-speech, video comments, etc.) for students to use in all subjects across our campus. This extension continues to support our school's commitment to lowering our environmental impact by lessening the need for copies of passages, worksheets, and notebooks. By having the KAMI extension available to all students and teachers, the goal of cross curricular learning is achieved in a meaningful way for students.

**To See or Not To See, Blank Keyboards for Touch System Data Entry** \$ 4,800

*Jack Bruso* *Marianne Kosik*

*Grand Lakes Jr. High*

To See or Not to See? Students are given the opportunity to learn unimpeded, the natural way to type on a seemingly normal keyboard. But nothing could be further from the truth. This newly developed KeyMaster's Learning Lights Educational keyboard technology allows teachers to control what students can and can't see on their keyboards at the press of a button. Removing distractions, obscurities, and premature wear in the process, students will master their keyboarding technique faster and better with the innovative KeyMaster Learning Lights Educational keyboard.

## **Tomball Memorial High School**

**Aerospace Engineering Wind Tunnel** \$ 4,990

*Jennifer Bourgeois*

*Tomball Memorial High School*

Testing objects in a wind tunnel is without question at the heart of Aerospace Engineering. This is the work students will be doing if they go on to many engineering courses of study. This was one of my greatest takeaways from my time in Aerospace Engineering at UT Austin and I know the impact it would have on our students would make this purchase well worth it to so many of our young engineers.

## **Oakcrest Intermediate School**

**3-D Printers for Innovative Learning** \$ 3,872

*Rachel Grimes*     *Holly Ellis*

*Oakcrest Intermediate School*

Technology in the arts is the future our kids are advancing towards! Adding 3-D printers to our Art classrooms allows students the opportunity to advance and explore their understanding of mathematics, technology, collaborative work and art elements such as form and space. With 3-D printing, a student's ability to explore their designs and ideas explodes exponentially, bringing their ideas into the tangible world and preparing them for dynamic modern STEAM careers!

**Orchestra Overture: Foundations for Successful String Instruction** \$ 5,000

*Amber Shah*

*Northpointe Intermediate*

*Oakcrest Intermediate*

Teaching strings in a large group setting is challenging both mentally and physically. String instruments demand physical contortions that even seasoned professionals strive to master. This grant provides a variety of pedagogical aides and adjustable seating so each individual can tackle the complexities of beginning orchestra technique. This grant will provide a foundation of success as the students continue their orchestral education in Tomball ISD.

## **Wildwood Elementary School**

**Engineering Empathy: Using STEM to Teach Empathy and Collaboration** \$ 930

*Alison Love*

*Lauren Heinrich*

*Wildwood Elementary*

Engineering Empathy supports students by providing them with guidance lessons focusing on empathy, utilizing the scientific process to demonstrate their understanding of other's needs, collaborating with a team, building relationships, and practicing newly found skills playing games. Students will create inventions made of Legos to help others overcome barriers all while practicing empathy.

**Wildwood Gardens**    \$ 1,043

*Mickey Angel      Kellie Greenberg    Mason Carroll    Michelle Taylor    Sarah Rumfield  
Loreta Garcia    Susan Renneker    Candace Bailey    Wildwood Elementary*

This project is to create a garden outside of our school! School gardens are an outstanding, research-supported way to give students hands-on experience with environmental science topics, as well as build stronger school communities within and across grade levels.

**Access to the World!!**    \$ 800

*Barbara Hurst    Courtney Hill    Wildwood Elementary*

The Access to the World! Grant allows Special Education students with classroom accommodations, including Text to Speech and Speech to Text, daily access to quality headsets. Providing headsets to Special Education students to access grade level, and higher, materials with ease, independence, and dependability.

**Northpointe Intermediate School**

**Customized, On-level book bags**    \$ 4,994

*Nathan Henze    Clayton Smith    Northpointe Intermediate School*

The Book Bags will create customized, on-level book bags that offer students the dignity of choosing books they are interested in and can succeed at, without the pressure to perform on-level with peers when searching for books in a traditional library. This method also allows the teacher to guide a student into a love of reading in a way that is tailored to their specific needs and encourages growth as they gain confidence through successful reading.

**Willow Creek Elementary School**

**Boogie Down With Boogie Boards**    \$ 640

*Jennifer Balter    Kristie Brawley*

The Boogie Down with Boogie Boards Grant Project is an innovative approach to teaching and learning. By incorporating boogie boards (LCD writing tablets) into our daily classroom activities, we will engage 21st century students using new technology. We will increase motivation and independence by having students take ownership of their own learning. Now let's Boogie Down with our Boogie Boards.

## **Willow Wood Junior High School**

**Rhithm App - Mental Health Wellness Intervention and Data Tool** \$ 4,500

*Beth Pitts*

*Willow Wood Jr. High School*

The Rhithm App is a mental health wellness intervention and data tool that utilizes a simple emoji daily check-in for students and provides timely information on students' well-being to counselors, administrators and teachers. Students utilize the Rhithm App to check-in about their well-being, both emotional (stressed, angry, calm) and physical (hungry, tired). Based on this check-in, Rhithm provides corresponding wellness activities and lessons. The wellness activities or coping skills identified and provided through the Rhithm check-in will equip and empower students' use of self-regulation skills.

## **Lakewood Elementary School**

**Visible Learning at the Small Group Table -3<sup>rd</sup>** \$ 3,016

*Kristi Donald*

*Lakewood Elementary*

Having a large touch screen monitor at the small group table will allow teachers to use a multitude of digital resources to model and scaffold student learning. Additionally, it will increase student engagement and collaboration during small group lessons. This type of interactive learning is exactly what we want for all of our students.

**Uke are my Sunshine** \$ 2,232

*Joan Henrich Amber Holt*

*Lakewood Elementary*

Playing the ukulele is a great way to help our students gain self-confidence in a fun, stress relieving, and creative way. They will bring joy to the community through performing songs that they have learned on the ukulele. Playing the ukulele will challenge our students musically by first learning how to play an instrument and by encouraging them to compose and perform their own compositions.

**Visible Learning at the Small Group Table - 4<sup>th</sup>** \$ 3,016

*Amber Smith*

*Lakewood Elementary*

Having a large touch screen monitor at the small group table will allow teachers to use a multitude of digital resources to model and scaffold student learning. Additionally, it will increase student engagement and collaboration during small group lessons. This type of interactive learning is exactly what we want for all of our students.

**Visible Learning at the Second Grade Small Group Table** \$ 3,016

*Jennifer Gigout*

*Lakewood Elementary*

Having a large touch screen monitor at the small group table will allow teachers to use a multitude of digital resources to model and scaffold student learning. Additionally, it will increase student engagement and collaboration during small group lessons.



**Academic Language Headsets**    \$ 3,849

*Betsy Castille*

*Lakewood Elementary*

This grant is written for headsets with noise-cancelling microphones to be used in learning stations within a dynamic and lively classroom. It supports the development of academic language in which students create recordings to practice using new vocabulary. This project will require the use of critical thinking skills to craft responses, critique those responses, and revise as needed. The degree of challenge can be scaffolded up or down to suit students learning at all levels across all content areas. The ability to speak about learning leads to the ability to write about learning.

**From Consumers to Creators**    \$ 4,540

*Laurie Taylor*

*Lakewood Elementary*

Students will shift from consuming digital information to creating their own digital products through using multiple creative apps.