The Liberty ISD Education Foundation has awarded the following grants for 2024:

**Campus/ Teacher Title of Grant Amount**

LHS Sean Smith Marching Band 2.0 1,259.98

This project will help outfit the Mighty Panther Band with the current state-of-the-art drill teaching supplement to maximize efficiency in rehearsal and provide a better experience for students of varios learning styles.

This grant is funded in part by *The CW and Aggie Castle Family Endowment and the Mildred Arnold Endowment.*

LMS Sarah Clarke Engineering with Sphero BOLT 3,436.25

Inspired by Rodney Brooks’ belief that hands-on experience is key to understanding robotics, our project offers students a dynamic opportunity to delve into the interdisciplinary world of robotics engineering. Every 9 weeks, a fresh cohort of students embarks on an exciting journey exploring various engineering fields. Sphero BOLT + Code Mat kit features 15 robots, Maze Tape rolls, Activity cards, and a coding mat, that empowers students to explore robotic engineering authentically through coding and programming.

This grant is funded in part by *The Norman and Brenda Dykes Endowment, The Dr. Reese and Sara Brown Endowment, and The Dr. Frank S. Griffin Grant.*

LHS Sarah Hughes Let’s Connect: Exploring Science through 3,286.70 Real time Data Collection

The general consensus about the collection and use of data among high school science students is that it is BORING! This notion is no longer true with the use of Vernier’s Go Direct Bluetooth sensors. Students will be engaged with the process of data collection in their chemistry, physics, forensic, and environmental science classes. With these tools, students will have the opportunity to explore the world around them scientifically—without the hinderance of wired connections.

This grant is funded by *The Jeffrey Family Innovative Teaching Grant.*

LES JuliePruett To Book Club and Beyond 1,050.38

Ashley Smith

Rebecca Hill

Our project is an after-school book club for 4th and 5th graders. James and the Giant Peach and Wonder are the 2 books to be read and discussed. Each semester will end with the movie presentation of the book.

This grant funded by *The Bruce and Tina Blake Endowment.*

LMS Ashley Smart Baristas in Training 829.98

Baristas in Training is a Whole Group, Hands On, Project Based, Individualized approach to developing academic, communication, social, and job skills through operation of a coffee shoppe cart.

This grant funded by *The Liberty Lions Club Grant.*

LES Sommer Beck Sensory Bubble Tube for Special Edu. students 250.00

This super active bubble tube will meet the needs of so many of my special education students. This relaxing tube will not only calm them, but also lift their mood while at school. This bubble tube will also benefit students with sensory processing disorders and help decrease meltdowns.

This grant funded by *The M.J. Ripkowski Grant.*

LHS Karen Slack Embracing Tech. to bring everyone together 9279.93

This grant features a wide lens projector with expanded technical functions for a large space for more encompassing and inclusive audiences. The purpose is to expand the audience of all extra-curricular and academic programs throughout LISD.

This grant funded in part by *The Dawn Fourtiq Grant and the Ellison Miles Grant.*

LES Katelyn McCreight Reading Pens for students: Special education 5,694.00

“Scanning Pens” are pens that scan text and read aloud for students that have disabilities in reading and reduce frustrations of learning in the Special Education Resource classroom.

This grant is funded in part by *The Bill Griffin Sr Endowment,* *The Jana Marie Buchanan Grant, The First Liberty Bank Endowment and The Rick Mearns Grant.*

LMS Kirsti McCarty BrickLab STEM Foundations 1,194.75

BrickLAB STEM Foundations is an innovative and comprehensive educational product designed to ignite a passion for science, technology, engineering, and mathematics (STEM) in learners of all ages. This unique set combines the timeless appeal of building with bricks alongside cutting-edge STEM curriculum to create an engaging and immersive learning experience. Imagine being able to build with blocks and learn at the same time!

This grant is funded in part by *The C.A. (Abe) Miles Endowment* and *The JoBeth Willoughby Teaching Grant*

LES Marijo Hergemueller Math Club 997.91

Math Club will be an exciting after school program to help foster students’ love of math. We will, as a group, discover how math is used in everyday life situations using a quite different approach based in the TEKS guide to our projects.

This Grant is funded by *The Laura Jane Hartel Endowment.*

LMS Angela Brooks Art Legacy Mosaic 1,195.67

Art classes using individual ceramic tiles will paint a mosaic as a collaborative class project to be hung as a permanent work of art at Liberty Middle School.

This grant funded by *The Nora Miles Endowment* and *The Vara Martin Daniel Innovative Teaching Grant for the Fine Arts.*

LMS Malissa Phillips Unlocking the Power of Number Sense 1,293.75

Have you ever encountered an individual or come across a video where someone possesses an uncanny ability to effortlessly perform complex mental calculations? In certain cases, they may indeed possess exceptional intelligence, but more often, their proficiency stems from having acquired mental math techniques that simplify the calculation of certain mathematical problems. Our objective is to equip our Math & Science Team students with this remarkable skill, enabling them to enhance their competitiveness in the State competition.

This grant funded by *The Dahlia McManus Endowment.*

LHS Sarah Hughes That’s GENE-ius! DNA Exploration 7,759.05

This project will allow for real time DNA analysis using state of the art equipment including PCR and Gel Electrophoresis systems. It will also provide labs demonstrating how DNA analysis is useful in every field of science including biology, AP biology, forensic science, health science and environmental science.

This grant funded in part by *The Baxter Willis Dunagan, Sr. Endowment, The Liberty County Farm Bureau Endowment, The JoAnn McGuire Endowment, and the M.J. Joe Leonard Endowment.*

LES Brian Beck PE: Strength & Conditioning Fun w/ parachutes 2,066.55

Engaging students using parachutes in P.E. We will create a fun environment so students can learn about the benefits of cardiovascular health and muscular strength and conditioning.

This Grant is funded in part by *The Ken Berry Endowment*.

Grants are funded through contributions to the **Liberty ISD Education Foundation** by individual donors, businesses, corporations and community service organizations as well as through profits from our fundraising events. This year’s 14 grants total $39,221.10. Since 2007, the total grant funding to LISD is $360,273.93

LISD Education Foundation’s Casino Night fundraiser was held Feb. 17, 2024 at the TVE. Fundraisers like this one fund our Innovative Teaching Grants Program. If you would like to donate to help fund future grants, please go to <https://securepayment.link/libertyeducationfoundation/> . To contact the Foundation or for more information about joining in our efforts, visit our website at **libertyeducationfoundation.net** or call Bruce Wright, Foundation Executive Director at 936-641-0367.