



Zionsville Education Foundation 2019 Spring Classroom Grants and Student Enrichment Grants Summary

ZEF 2019 Spring Classroom Grants

Digital Science Probes and SPARKvue Grant

Andy Seward, Zionsville Middle School (\$1,089)

Funds a SPARKvue Site license, science probes and accessories to allow students to test and collect a variety of data used during science labs, projects, demonstrations, and experiments. The probes can be used to measure a wide range of data including motion, sound, light intensity, UV light, forces, temperature, and acceleration.

En el mercado

Allison Manwell, Zionsville West Middle School (\$2,000)

Spanish students will participate in a culture-rich experience by communicating and dining at a local community Hispanic grocery store, Carniceria Guanajuato. Students will practice and utilize communicative Spanish skills but also develop their capacity for cultural understanding and interacting in a diverse society.

Coding with a "Specdrum" of Sound and Color

Kyle Beimfohr, All ZCS Schools (\$6,957.30)

Sphero Specdrums allow students to use interactive rings with sensors that detect color to code music based on the color selected. Educators at all grade levels (K-12) will be able to develop lessons that immerse students in computer science skills, while allowing student agency through music.

Habitudes – Making a Habit of Attitude

Mikayla Koharchik, Zionsville Middle School (\$1,249)

Provides Mrs. Koharchik and the 7th Grade Green Team with training and curriculum materials for an engaging, image-based leadership development system specifically designed for how today's students learn. By teaching students a direct social and emotional curriculum, educators and students develop a common language for developing social skills and making wise decisions.

Performance Enhancement Through Speed Development

Amy Emkow and Scott Turnquist, Zionsville Community High School (\$1,809)

This technology provides immediate feedback to the teachers and athletes in Advanced Physical Education by measuring improvement or regression in speed and power output of the athlete allowing for more individualized instruction and student success.

Untethered Tech: Utilizing Mobile Technology to Maximize Student Learning

Stephanie Barrientos, Zionsville West Middle School (\$970.43)

Provides a Microsoft Surface Pro and stylus enabling Mrs. Barrientos to work directly with students in small groups and individually by disconnecting from traditional media constraints and utilizing this technology for modeling, demonstrations, and shared learning experiences.

5th Grade School Counselor Small Groups

Krista Hoffman, Zionsville Middle School (\$380.74)

Counselors will be able to address social and emotional topics such as anxiety, organization, friendship, social skills, and growth mindset in small groups through hands-on, project based crafting projects.

ZEF Student Enrichment Grants**ZCHS Robotics Club (\$2,320)**

This grant provides matching funds for the Zionsville Community High School (ZCHS) Robotics Club to attend the Vex Robotics World Championship competition. Two teams from the ZCHS Robotics Club qualified for the international competition in Louisville, KY where they will gain knowledge of the STEM field as well as essential life skills such as teamwork and communication.

Future Problem Solving (\$1,750)

Seven students from Zionsville Community High School (ZCHS) competed at the Indiana FPS Bowl and qualified to represent Indiana at the FPS International Conference at the University of Massachusetts at Amherst. The teams will receive matching funds to travel to the competition where they will explore challenges related to “De-Extinction” by using the Six-Step Process on a hypothetical future scenario.

Total Grants Awarded: \$18,525

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