

## BEYOND THE BOOKS EDUCATIONAL FOUNDATION

...is a not-for-profit corporation whose goal is to provide a long-term, self-sustaining financial base to fund innovative academic programs that are beyond normal tax support in Unit 5 and District 87 public schools. Organized in 1992, the foundation is a group of private citizens and is not part of either school district. The Boards of Education of both districts encouraged the Foundation's formation and strongly support its efforts.



### 2020 ~ 2021 BOARD of DIRECTORS

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### 2020 ~ 2021 GRANT AWARDS

Educators in Unit 5 and District 87 submitted 65 applications requesting a total of \$140,883.

The Foundation awarded \$68,748 to 35 projects.

Since 1992, \$784,033 has been awarded to support 849 projects.

### Early Education and Elementary Schools

Benjamin	Mary Aper, Mary Current, Amanda Dytrych, Tracie Ghrist, Tena Sprau ~ <b>\$ 2,021</b> ~ <i>Researcher's Workshop: Out of this World Inquiry</i>
Brigham	Wendy Young, Kathy Cooper, Lora Boyd ~ <b>\$ 1,447</b> ~ <i>Cooking with Kiddos – YUM</i>
Glenn	Bryan Schultz ~ <b>\$ 479</b> ~ <i>Drumming to a Creative PE</i>
Grove	Heather Damery, Nikki Dillow, Lindsey Gillespie, Emily Kauten ~ <b>\$ 434</b> ~ <i>Kinders Love Kinetic Sand During Purposeful Play</i>
Irving	Erin Knuth ~ <b>\$ 360</b> ~ <i>Soft Start Mornings</i>
Irving	Kala Krueger, Joy Searby ~ <b>\$ 3,858</b> ~ <i>Coding Carts</i>
Northpoint / Fairview	Kiki Keeney, Rebecca Johnson ~ <b>\$ 3,066</b> ~ <i>Uke'an Play Along: Learning to String, Strum, and Apply</i>
Oakland	Alycia Carroll ~ <b>\$ 362</b> ~ <i>Smart Guess? You Bet!</i>
Sarah Raymond	Wendy Iverson, M.Stalter, S.Mahan, N.Reidy, B.Weir, M. Fischmann, M.Swaar, A.Bittner,
Early Education	R.Toft, J.Phelps, C.Taylor, E.O'Grady, C.Lonbom ~ <b>\$ 5,000</b> ~ <i>It's more than playing house!</i>
Washington	Jayne Corcoran, Andy Jones ~ <b>\$ 337</b> ~ <i>The Writing Doctor</i>

### Junior High/Middle Schools

BJHS	Rachael Van Heuklon ~ <b>\$ 300</b> ~ <i>Insightful Learning</i>
BJHS	Kristie Price, Michelle Chon ~ <b>\$ 393</b> ~ <i>The House of Scorpion</i>
CJHS	Carissa Mennen, Janelle Learned ~ <b>\$ 5,000</b> ~ <i>Bridges to Literacy: A Multilingual Library</i>
EJHS	Beth Stephens, Nate Bostic ~ <b>\$ 368</b> ~ <i>Magnetic Levitation Lab</i>
EJHS	Danielle Estes ~ <b>\$ 4,350</b> ~ <i>Enhancing Language Through Expeditions</i>
KJHS	Erin Dobson, Alyssa Jones ~ <b>\$ 395</b> ~ <i>Creating Cultural Responsiveness in Language Arts &amp; Social Studies</i>
PJHS	Jessica Stutz ~ <b>\$ 368</b> ~ <i>Chill Zone</i>
PJHS	Shawn Schwerman ~ <b>\$ 375</b> ~ <i>Mentoring with Pictures</i>
PJHS	Shawn Schwerman ~ <b>\$ 360</b> ~ <i>Keepin it Green</i>
PJHS	Cory Burnett, Erin Stack ~ <b>\$ 340</b> ~ <i>Sound Waves-Developing a Solution to Excessive Noise</i>
PJHS	Cassie Lee, Kate Pavlou ~ <b>\$ 1,252</b> ~ <i>Cooking Our Way to Independence</i>

### **High Schools**

BHS	Elizabeth Guzaldo ~ <b>\$ 4,078</b> ~ <i>The Sustainable School Garden</i>
NCWHS	Teri Wilson, Dave Lehr, Jackson Suddarth ~ <b>\$ 300</b> ~ <i>I can see clearly now</i>
NCWHS	Ali Akyuz ~ <b>\$ 350</b> ~ <i>Graphics Tablets for Cultivation and Collaboration</i>
NCWHS	Ryan Kerr, Katherine Cavender, IWU ~ <b>\$ 3,310</b> ~ <i>Student Literary and Art Journal</i>
NCWHS	Dave Weber, Jade Griffin ~ <b>\$ 899</b> ~ <i>Making Motion Make Sense</i>
NCWHS	Dave Weber ~ <b>\$ 1,913</b> ~ <i>DIY Computers</i>
NCWHS	Lisa Tomlin, Dave Weber ~ <b>\$ 1,172</b> ~ <i>Chromosomal Connections</i>
NCWHS	April Schermann ~ <b>\$ 3,450</b> ~ <i>Coding Takes Flight - Using Drones in Computer Science</i>
NCWHS	Abigail Primo ~ <b>\$ 1,825</b> ~ <i>Standard: Balances for Hands-On Scientific Inquiry Lab</i>
NCWHS	Michael Burt, Jarrod Rackauskas ~ <b>\$ 4,250</b> ~ <i>Using Thermal Cameras to Augment our Senses in Chemistry</i>
NCWHS / NCHS	Dave Lehr, Dan Higby, Val Walker ~ <b>\$ 4,925</b> ~ <i>Solar Energy for Everyone</i>
NCWHS / NCHS	Teri Wilson, Margherita DiVita ~ <b>\$ 1,472</b> ~ <i>Diversity Library</i>
NCHS	Dan Higby, Scott Froelich, Val Walker, Don Whitman, Brock Keller, Matt Emberson ~ <b>\$ 4,939</b> ~ <i>Clean Power and Technology Across the Curriculum</i>
NCHS	Jacob Wiechman, Andrew Bennett, Stefen Robinson ~ <b>\$ 5,000</b> ~ <i>Audio Production: Empowering Students through Self-Expression</i>

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### **BEYOND THE BOX**

*Monies for this award are provided by the Shirk Family Foundation*

Glenn Elementary

**Hayley Mennenga, Angela Trask ~ \$10,000**

*"Augmented Realty Sandbox"*

Students will be able to explore the science behind how water and weathering affects earth's materials. They can discover the importance of a variety of freshwater ecosystems. Educators can demonstrate a wide range of Earth Science concepts interactively. For instance, they can show and encourage students to build the varied land-forms found on Earth's surface and illustrate how they were created by a variety of processes such as flooding, erosion, tectonics, and glaciations.

The grant funds will make it possible to purchase an augmented reality sandbox that will be used by students of the entire school, kindergarten through fifth grade in the subject areas of science, social studies, math, and language arts. The concepts and scenarios are kept simple for the younger students, by discussing contour lines, mountains, valleys, watersheds and water flow. When engaging older students the scenarios and concepts become more complex and the learning experience can include discussions of land-forms, elevation, and best land management practice and processes.

"The use of technology increases student engagement and helps make learning more meaningful and fun. Students can actually be the ones in charge of their own learning through this hands-on tool. Through their own research, thoughts and plans, they will be able to create anything from the tallest mountains to the smallest rainstorms all based on the student's imagination."