

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.



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2017~2018 GRANT AWARDS

Educators in Unit 5 and District 87 submitted 50 applications requesting a total of \$105,401.
The Foundation awarded \$60,107 to 30 projects.
Since 1992, \$609,563 has been awarded to support 755 projects.

Elementary Schools

- Benjamin Christine Sewell ~ **\$4,600** ~ *Super Eclipse Activities to Launch Student Learning*
- Fox Creek Susan Felix ~ **\$327** ~ *Burning Stuff*
- Grove Beth Fletcher, Heather Damery, Nikki Dillow, Emily Kauten ~ **\$1,821** ~ *Fairy Tales are STEM-tastic!*
- Hoose, Oakdale, Fox Creek, & Benjamin Julia Beer, Lauren Romero, Katie Bruton, Kristyn Szwajka ~ **\$4,998** ~ *Pickin' and A Grinnin': Learning to String, Strum and Play*
- Irving Nicole Bussan ~ **\$398** ~ *Paint a Bright Future*
Kala Krueger, Joy Searby ~ **\$4,659** ~ *STEM Bins*
- Irving, Oakland & Stevenson Maureen Svob, Pamela Hedger, JoLynn Plato, Trisha Thomas, Annette Langellier, Allyssa Svob ~ **\$248** ~ *Sharing Words of Kindness*
- Oakland Alycia Carroll ~ **\$255** ~ *Dare to be a Detective!*
Rhett Felix ~ **\$360** ~ *Give Me a Beaker*
- Sheridan Kristi Sutter ~ **\$275** ~ *I Survived: Experiencing History Through Game Development*
- Sheridan & Raymond Amanda Carter, Ken Hamerlinck, Sonja Huddleston, Laura Cline, Caitlin Taylor ~ **\$330** ~ *Pocketful of Dough*
- Stevenson Amanda White, Katharine Corley ~ **\$3,000** ~ *S.T.E.A.M. Stations...to go!*
- Sugar Creek Karen Showalter ~ **\$178** ~ *Stories in My Pocket*
Karen Showalter ~ **\$322** ~ *I Like to Move It, Move It!*

Washington Teresa Shaver, Misty Bagley, Lisa Ellis, Jeanne Batorson ~ **\$4,500** ~
21st Century Classroom: Rethinking Classroom Design to Facilitate Student Learning and Success

Junior High/Middle Schools

EJHS Michael Jennings, Dana Curby, Nate Sefton, Jessica Flood, Dawn Kelly ~ **\$4,800** ~
Pedaling to Success

PJHS Beth Topping ~ **\$4,000** ~ *Hip Hop Shakespeare*

High Schools

BHS Aimee Oxarart, Lauren Butts ~ **\$1,250** ~ *Virtual Field Trip*

NCHS Jordan Newton-Gonzalez, Jennifer Sokulski, Barb Koski, Benjamin Cardiff,
Karen Walker ~ **\$400** ~ *Learning Resource Geometry Supplies*

NCHS & NCWHS Justin Steve, Valentine Walter, John Bergmann, Jeff Christopherson ~ **\$4,997**
Biofuels to Save the Planet

NCWHS Devin Wilson, Dave Lehr, Vickie Kafer ~ **\$195** ~ *21ST Century Geometry*
April Schermann, Kim Rohlwing ~ **\$400** ~ *3D Printing ~ Vehicle Engineering Curriculum*

April Schermann ~ **\$599** ~ *Capture the World in 3D ~ Using a 3D Scanner to Enhance Learning*

Kim Rohlwing, April Schermann ~ **\$860** ~ *Full STEAM Ahead - Math Class Makerspace Mobile Cart*

David Weber, Lisa Tomlin ~ **\$900** ~ *Biocomputing at its Best*

NCWHS & NCHS Barb Bush, Laura Thomas, Amy Feeney, April Schermann ~ **\$1,200** ~ *Light it up!*
Jarrod Rackauskas, Michael Burt, Amy Enright ~ **\$2,400** ~ *Alpha, Beta, Gamma...Radiating Science and Engineering Practice*

Tim Franz, Dana Starkey ~ **\$3,390** ~ *Virtual Business Accounting*

Tera Hafermann, Rexie Lanier, Caroline Fox-Anvick ~ **\$3,500** ~ *High School "Hot Reads"*

Valentine Walker, Joel Swanson, Justin Steve ~ **\$4,945** ~ *RO, RO for H2O*

BEYOND THE BOX

Monies for this award are provided by the Shirk Family Foundation

NCWHS & NCHS **April Schermann, Amy Feeney** ~ **\$10,000** ~ *"Taking Mathematics to the Next Dimension - Rethinking Common Core with 3D Design, 3D Modeling and 3D Printing"*

This project will not only allow mathematic teachers to teach students about the design process, but will also give students opportunities to refine various life skills such as collaboration, problem-solving, and perseverance while developing 3D literacy skills. Teachers will build 3D printers and learn to use CAD software to teach mathematics concepts from an entirely new approach. An intensive professional development 3-day training program will allow four math teachers to build a 3D printer (to keep for their school) and learn how to operate and maintain it; and a 1-day CAD workshop for ten teachers who will learn how to use software to design real world problem-based math lessons to gain the necessary skills to help empower today's students to become the innovators of tomorrow.