

District 205 Foundation

THIEMS GRANTS 2018

Totaling \$98,559 Instructional Resources and Programs

Multi-Building- \$17,000

Exploring New Technologies- VR & Instruction (partial) Hawthorne, All Middle Schools, & York
Erica Drumm, Maria Price, Catie Magierski, Jen Leban, Bryan Hobbs, Caroline Weaver

In response to two innovative grant applications from teachers at Hawthorne, Sandburg and York for virtual reality devices, the Foundation is earmarking these funds to pilot new technologies in this quickly advancing area of instruction using virtual reality. Following research and collaboration between the departments of Learning & Teaching and Technology, as well as interested educators and parents, recommended devices and materials will be purchased and piloted. This technology is rapidly changing and we want our schools to be using cutting edge resources and instruction to unlock the innovative learning potential behind VR. (2018-15,31)

Elementary Schools - \$35,598

MakerSpace Momentum: Remix \$8,000 (partial) All Elementary Schools *Donna Dewar, Lauren Blanford, Mary Greska, Margaret Lewis, Karla Talbot, Emily Walton, Caroline Weaver, and Lisa Wright*

This grant provides funding of \$1000 for each elementary school to purchase materials that will extend MakerSpace programs in the libraries. MakerSpaces provide a way for students to garner further understanding of the curriculum through hands -on applications. These activities develop STEM skills and help to inspire critical thinking, collaboration, communication and creativity-the “four Cs” of 21st century learning. A variety of materials and kits for robotics, circuitry and building will be included. (2018-02)

Make R Space Amazing \$3,050 Conrad Fischer
Jane Bailey

Two 3D printers and supplies will position students as creators and inventors instead of consumers. These printers will allow students to enhance their lessons in all subjects by designing and constructing items such as balloon cars, volume cubes, board game pieces, bridges to hold weights, invented toys, etc. This will give students exciting hands-on 4C instruction to see a project through from ideation to design, revision, and creation. (2018-09)

Literacy Alive & On Air \$2,603 Conrad Fischer *Sharon Emmi-lovinelli*

Readers Theater materials will be provided to enhance opportunities for K-5 EL/Bilingual students to develop their literacy in listening, speaking, reading and writing. Research indicates that this method helps improve comprehension and fluency. The addition of podcasting microphones will allow students to record the scripts directly to a computer then broadcast it out to the school community and to parents at home. (2018-39)

Families That Read Together Succeed Together \$1,640 Emerson
Kate Cortez

Leveled texts which will be sent home for parental involvement. These books (6 copies of 73 titles in levels AA-P) provide opportunities for parent and child to read, discuss, and interact with each other and the text. Each book is formatted for a parent/child pair to take turns reading aloud alternate pages. Parent pages feature higher-level text while the child’s pages feature text matching the child’s reading level, making reading more fun. (2018-04)

Game Time <i>Kelly Iturbide</i>	\$742	Hawthorne
Math games help to engage students in enjoyable ways. These classic and new games support the CCSS and will enrich the Eureka content while helping differentiate to meet the needs of all learners. Students in second grade will cooperatively practice high priority mathematics skills while having fun. (2018-11)		
ESCAPE! The Status Quo <i>Bryan Hobbs, Melissa Hobbs</i>	\$800	Hawthorne
These six Breakout kits will create an "Escape Room" environment in the K-5 classrooms. Students will solve problems with curricular content created or found by their teachers to open a locked box and obtain the goal. Students may also create a puzzle for others to solve, too. Students will be engaged and will persevere to solve difficult, never before seen problems with their peers. (2018-14)		
Furniture for Optimal Learning I <i>Kelly Iturbide, Bryan Hobbs, Melissa Hobbs</i>	\$2,000(partial)	Hawthorne
These funds will be distributed collaboratively and used to purchase an array of flexible desks and seating options that will support future ready learning. (2018-07,10,37)		
Active Seating with Wobble Chairs <i>James Pluskota</i>	\$2,000 (partial)	Edison Lisa Mariani,
These funds will be used to purchase wobble chairs for classrooms in order to provide students with alternative seating options that have proven to help them stay focused and engaged. (2018-08, 2018-46)		
Flexible Seating, Optimal Learning <i>Elizabeth Kawa & Claudia Valdez</i>	\$1,718	Emerson Sandy Wenig,
Flexible seating options that include Hokki stools, beanbags, and rocker chairs will be provided for second grade classrooms. (2018-43)		
Flexible Seating for Community Collaboration <i>Baxter</i>	\$2,000(partial)	Field Valerie
This funding will help provide flexible grouping and seating options for this elementary classroom. (2018-34)		
Group Seating for Young Learners	\$1,660	TBD
Twelve wobble stools and a half moon table enables group learning and collaboration. (2018-42A)		
Furniture for Optimal Learning II <i>Phillipps, Lisa Michaelski, Sue LaToria, Kathleen Kuziel, Sharon Holt, Laura Parat, Laura Rhoney, Jessica Vega</i>	\$3,000 (partial)	Jackson Danielle
These funds will be distributed collaboratively and used to purchase an array of flexible desks and seating options that will support future ready learning. (2018-01,17)		
MyON Magic: Literacy Engagement for All <i>Kat Kuziel, Christine Trendel</i>	\$7,005 (1 year Pilot)	Jackson
All students at this school will have home and school access to the MyON digital book library which contains more than 13,000 titles of authentic, enhanced, and age appropriate titles for Pre-K-12. Students will be matched to books personalized by interest, grade, and Lexile reading level. Built in writing tools allows students to interact with the text by responding. Teachers can progress monitor reading activity and growth and offer direct feedback on students' reading and writing. (2018-23)		

Middle Schools - \$31,091

The Magic of Music Production ... in Middle School! \$10,650 (partial) All Middle Schools

Jessica Tatevosian, Lindsay Sickinger, John Gaunt, Jeremy Nemeec

This music production workstation will enhance the new music production curriculum at the middle school. This technology will extend the key musical skills of performing and creating music and will require more abstract decisions and higher level thinking. Imagination, creativity, review, and refining are all integral aspects of the composition/production experience. Students will use the hardware and software to work with peers to develop, edit, and evaluate a unique piece of music. (2018-13)

Creativity You Spin Me Around \$2,000 (partial) All Middle Schools

Thomas Walker, Ashley Skinner, Jeune Winchester

This proposal will provide more pottery wheels and help provide equity at each middle school. Throwing on a pottery wheel is a unique and motivating experience for students. The brain must calculate speed and pressure while attending to form. These wheels are space saving and can be used on table tops. (2018-24)

Makers Gonna Make \$3,339 (partial) All Middle Schools Ashley

Skinner, Jeune Winchester, Thomas Walker

This proposal will help support the new 18 week 8th grade Unified Arts curriculum that will connect a variety of mediums under one theme and offer multiple options for design and production in our contemporary society. A circuit maker and materials will be provided for each school so that students can create across various mediums and at mass production. (2018-29)

Recycle Clay the Easy Way! \$2,625 All Middle Schools

Thomas Walker, Ashley Skinner, Jeune Winchester

A pug mill is a machine used to reclaim/recycle old dried out clay. The purchase of this machine that will be shared between all middle schools will allow students to have fresh, workable clay, with the added benefit of saving budget dollars in the long run by recycling resources. (2018-25)

Inspiring the Next Generation of Inventors \$5,997 All Middle Schools Debra Segiet

littleBits is a platform of easy-to-use electronic building blocks that empower students to solve problems through invention, creation and building. Three additional sets of littleBits, one for each school, will be purchased to increase this resource for the expanded semester course and allow students to dig deeper to solve real-world issues by hands-on creation of mechanical devices. (2018-40)

TRX Bands-Round Two \$1,320 Bryan

Jeremy Thomas, Jaclyn Sutor, Paul Pokryfke, Michelle Solesky, Michelle Kalchik

Having seen huge success in implementing a station this year with a partial grant, adding another Total Resistance (TRX) Bands station to the PE hallway will allow for even more students to participate in the fitness center rotations. This station is an addition to the goal-oriented system in PE which allows students to work on their health and fitness without participating in a team sport. The TRX system allows students to exercise using an adjustable amount of their own body weight while using their core to balance, making it a full body workout every time they use them. (2018-12)

Active Learning in the Math Classroom \$1,660 Bryan

Heather Bolur & Kyrstin Scaliatine

Wobble stools and a half moon table will be provided for use by students in two math classrooms. (2018-42)

Furniture for Optimal Learning III \$3,500 (partial) Sandburg

Nicole Boyle, Kelly Frederick, Susan Reinheimer, Susan Fullerton, Sarah Krizmanic, Elizabeth Marcellus, Laura McElligott,

These funds will be distributed collaboratively and used to purchase an array of flexible desks and seating options that will support future ready learning. (2018-16, 18, 19, 22, 36, 41)

York High School - \$14,870

Musical Improvisation & Creativity with Matt Turner \$3,000 York & Middle Schools

Ray Ostwald, Stacie Savittieri, Evangelia Pagones, Ellen Garey, Bill Riddle, Mike Pavlik

During a one week residence in Elmhurst, musical performer, teacher and expert, Matt Turner, will work with high school and middle school student members of six orchestras and two jazz ensembles, culminating in an evening community concert. During these master sessions, students will be learning about musical improvisation with the benefit of Mr. Turner's knowledge of current trends and cutting edge instruction. (2018-28)

New Gen Theatrical Microphones \$2800 (partial) York ***Rebecca Marianetti, John Forsythe***

Funding will help to purchase new Sure Microphones that will replace existing obsolete units. The York Auditorium is utilized by students for dramatic and musical performances as well as staff and community members for events and presentations. (2018-30)

Fine Arts Week-Express Yourself \$4,500 (partial) York
Chris Gemkow

This funding supports York's annual Fine Arts Week where the entire York community engages in a week long event that showcases the talents of student musicians, artists, as well as York TV and broadcast students. Professional guest performers have also inspired and entertained throughout the years. This special week allows students to share creativity, talent and skills with one another, staff, and families in celebration of the arts. (2018-45)

Tech Skills for a New Generation \$3,770 York
Kristen Bartholomew

Tech Services Internship (TSI) students currently work toward certification in certain programs which provide foundations needed for college or future employment. This grant will purchase a robotics kits and the Swift app on iPads which uses coding with a different language than what is currently offered. Having exposure to more platforms and ways of learning will benefit students. (2018-20)

Welcome to the 2018 Winter Olympiad Games \$800 York
Jeff Drach, Jeremy Paschke, Elizabeth Ferhati

Science Olympiad is an academic club/competition designed to give students the opportunity to address challenges, design solutions and conduct experiments that they do not normally do in class due to limited scope or time. Kits, field guides and equipment will be purchased for student use in pursuit of this exercise. (2018-35)

The following grant applications will be funded through District Learning & Teaching

Budget: - \$25,456

Literacy resources K-5 curriculum	(2018-05)	\$16,000	All K-5
Social emotional program	(2018-06)	\$ 3,618	Fischer
Books for - Book Madness program	(2018-32)	\$ 1,312	York
Books for struggling readers	(2018-33)	\$ 3,500	York
CPR training	(2018-44)	\$ 1,026	York