

2016 Duluth Public Schools Endowment Fund Applications

2016 PROJECT NAME	SCHOOL	PRINCIPAL	APPLICANT #	DESCRIPTION	AMOUNT REQUESTED	PROPOSED AMOUNT APPROVED
Standing Learning Stations	Area Learning Center	Adrian Norman	Joseph Schingen	Benefits: burning more calories, improved posture, increased blood flow resulting in increased focus, attention, engagement, and improved mood. Students would be able to wheel around the room, quickly flex into new groups, collaborate, innovate, and create on a whim. The standing desks are \$49.99 apiece, a class set of 30 desks for a total of \$1500.00. The request to explore new, research-based tools that could prove to be a positive change in the alternative classroom.	\$1,500.00	\$0.00
Our Big Backyard	Congdon	Kathi Kusch Marshall	Gwyn Curran	We do not have a complete set of classroom science resources.. I would assemble 30 backpacks- one for every student to take outdoors into nature. I would be able to share these with other grade levels/classrooms. Inside the backpack would be a plastic mat for sitting on the ground, a magnifying glass, bug box, bug net, bug tongs, nature journal, nature sensitive paper, thermometer, binoculars, weather wheel, reference books on insects, trees, birds, -wild like activity book. I would also like to purchase weather puppets, life cycle magnets and geodes for our classroom centers. Hands on learning outdoors	\$1,500.00	\$750.00
Playground Science, Engineering, Art, Math & Music	Congdon Park	Kathi Kusch Marshall	Cindy Miller	This project brings Science, Engineering, Art, Math, and Music to the school playground nearly 600 K-5 students. Each month, Fifth Graders and parent volunteers will present new tools for students to explore and engage in learning during their daily playground time. Would purchase 9 bins for storage & instructional supplies; cording, measuring tools, outdoor musical instruments, funnels, tubes, fence clips, birdseed, twine, felt, pon pons, cranberries, igloo blocks, chicken wire, dowels, roll paper, washable tempera, brushes, sidewalk chalk, sponges, duct tape, pipe cleaners, googly eyes.	\$782.00	\$0.00
Sugarbush: Blending History, Culture, Science and Engineering from Traditions of the Anishinaabe	Congdon Park Elementary	Kathi Kusch-Marshall	Alaina Pilate	Connect cross grade level curriculum expectations to experiential and inquiry-based learning while incorporating Anishinaabe cultural connections. Simultaneously will work on building teamwork skills and healthy lifestyle choices. Students will continue to learn about the Anishinaabe culture during the maple sugar moon and see how science and engineering were used in their way of life from past and present Funds for instructional supplies.	\$320.00	\$320.00

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Chrome Language	Denfeld High School	Tonya Sconiers	Melissa Kliegle	This technology integration project is to provide English Learners (ELs) with web-based learning opportunities through the use of Google Chromebooks in English Language Development (ELD) course. The request is to purchase four Chromebooks to be used in a classroom set of devices. Measurement of student growth in language proficiency will be measured by the annual ACCESS test. Feedback is measured through ongoing student portfolios, quarterly proficiency reports, content course performance, and other feedback from the instructional team.	\$1,166.00	\$0.00
Closing the Achievement Gap with ACT Preparation	Denfeld High School	Tonya Sconiers	Timothy White	We have identified students of color that we think could perform better on the ACT if we offered them a mini-ACT Prep Class during the school day. Would purchase materials to place in the hands of these students that I can use as a curriculum in order to help them prepare. The plan would be to work with native american and black students during a WIN Period once a week Would buy a calculator & ACT Math & Science prep book. for each student.	\$750.00	\$750.00
Denfeld Special Education Transition Activities	Denfeld High School	Tonya Sconiers	Barb Wiklund	Would enable 9-12 students, who are in Autism Spectrum Disorders and Developmental Cognitive Disability Setting III Programs to learn about and experience a variety of activities from various recreation and leisure resources within our community to increase the likelihood of participation in healthy activities as adults. Target is 90% participation with pre / post test to measure knowledge. Funds spent on yoga classes, bowling, swimming & broomball.	\$1,323.00	\$0.00
Giving E-books a Physical Presence	Denfeld High School	Tonya Sconiers	Lynn Toumi	Purchase android tablets to obtain ebooks. There are over 190 Electronic books in Denfeld's collection and that does not include the electronic books provided by the Arrowhead Library System. This school year only 44 ebooks have been checked out and of those, 19 were read online. With extensive marketing and by providing the tools to access eBooks these numbers should increase over 100% by the same time next year.	\$2,000.00	\$0.00

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Ninth Grade Organizational Support Initiative	Denfeld High School	Tonya Sconiers	Deb Jarvis	Provide each of our special education 9th grade students a binder and daily planner for the 2016-17 school year. A binder system can be purchased for \$19.99 . A daily planner to record daily assignments and due dates tucked inside the binder will create the necessary organizational system for success. A Planner can be purchased for \$5.99 This grant would provide an organizational system for up to 50 students. Success will be measured by pre-assessment of students to determine their understanding of the need for effective organization. Daily instruction on the consistent use of a binder and academic planner system will be followed by a mid-term assessment of each student's success with these organizational tools.	\$1,300.00	\$0.00
Student Benefits from Career Centers Cooperative	Denfeld High School	Tonya Sconiers	Catherine Long	Denfeld Career Center coordinators would like to host a Duluth Area High School Career Resource Centers' Best Practices Conference. Envision inviting to Denfeld; East High School, Harbor City, Marshall, and other local high school career center coordinators. Amount requested \$1400 for instructional supplies, hospitality for conference participants, speaker stipend and travel expense , materials and office supplies.	\$1,400.00	\$0.00
Anatomy and Physiology Lab Update	Duluth East High School	Laurie Knapp	James Kyes	Working to develop our Anatomy and Physiology lab and bring it up to current college level standards. Funding will be used to purchase prepared slides to complete our inventory. Models of brains, hearts and muscles to supplement our dissections, and some physiology testing equipment to build lab skills like urinalysis, respiratory and cardiac function.	\$2,000.00	\$1,000.00
East/Denfeld/ALC Equestrian Club	East H.S.	Laurie Knapp	Michael Zeman	The East/Denfeld ALC Equestrian Club is an organization that encourages youth of high school age to meet and develop life long friendships with peers and adults that share a passion for horses. The group is coordinated and supervised by parents and other volunteers. This request is to provide the liability insurance necessary to continue this outstanding opportunity for students.	\$500.00	\$0.00

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Breakout the Standards Vocabulary	Laura MacArthur Elementary School	Nathan Glockle	Allison Hoffbauer	This project is a collaboration between the Special Education teacher and speech-language pathologist at Laura MacArthur Elementary School. Together, we serve students in grades 3-5 on Individualized Education Plans. Our students need extra support to master English Common Core Standard vocabulary and comprehension skills. Our goal is to provide a highly engaging activity that extends their learning from the general education classroom while still holding to their grade level English Language Arts Standards. Purchase chromebooks & breakout edu boxes/kits	\$1,050.00	\$1,050.00
First Grade Guided Math with Hands-on Activities	Laura MacArthur Elementary School	Nathan Glockle	Jamie Lewis	During daily three math, we will provide students the opportunity to use hands-on materials to enhance and extend their understanding of the mathematical concepts taught in first grade. Materials to be purchased were not specified.	\$2,000.00	\$0.00
Spotlight Authors	Lester Park	Mrs. Susan Lehna	Susan Mikel	The "Author Spotlight" project will introduce first grade students to the work of successful yet unfamiliar authors and give them the opportunity to delve into an author's life and work through the integration of text, writing, media, and the arts. Funds for instructional supplies buy books and "whisper phones"	\$648.00	\$648.00
Artful Gardening	Lincoln Park Middle School	Brenda Vathauer	Christine Valento	Will study how artists created still lifes of inanimate objects. All LPMS 6th graders will plant seeds of varying types (while receiving any needed assistance from Science teacher, Pete Mostrom), and grow plants that they will use to draw in a still life composition. Plants will be later moved to the school garden and harvested when appropriate. Middle school art students will also create clay fired plant markers for permanent use in the school garden. Will buy seeds, soil, containers, clay, etc.	\$726.00	\$726.00
Engaging Readers and Writers	Lincoln Park Middle School	Brenda Vathauer	Aaron O'Leary	Want to increase learners' independence and motivation to read and write. A significant key to accomplishing this is to offer technology that facilitates their literacy and actively engage them in learning. In the process of becoming more invested in their reading and writing, these learners share their own points of view, passions, and questions. As a result, every learner becomes a teacher. Project entails the use of Chrome Books with student learners in my class to increase their independence and motivation to read and write. Will buy six chrome books.	\$1,800.00	\$900.00

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Family Career Community Leaders of America	Lincoln Park Middle School	Brenda Vatthauer	Shonda Peller	Pay for registration in Family, Career and Community Leaders of America. Once rregistered program begins. Promote personal growth and leadership development through family and consumer sciences education, focusing on the multiple roles of family member, wage earner and community leader. Members develop skills for life through: Character development; Creative and critical thinking; Interpersonal communications; Practical knowledge; and Career	\$650.00	\$0.00
Garden Seedling Planting	Lincoln Park Middle School	Brenda Vatthauer	Peter Mostrom	LPMS has created a large outdoor school gardens. The items requested will allow our students to start plants from seeds indoors and then transplant into individual containers prior to planting them in our school gardens for a harvest in the fall. Having the opportunity to begin from seeds would allow for a full cycle learning experience. Two Plant Starting Racks - Three tiered sunlight gardens that have grow light and timers attached (included)	\$1,046.00	\$0.00
Shine a Light	Lincoln Park Middle School	Brenda Vatthauer	Christine Valento	My art club students would like to learn the ancient art of felting with wool from sheep. We have the opportunity to purchase local wool from a local sheep farm here in Duluth. Our plan is to make felted lanterns with the wool and donate them to residents of Benedictine Health Center. This project, in essence, is a Service Learning Project. Wool and instructional supplies	\$545.00	\$545.00
African Drumming Project	Lowell Elementary	Jen Larva	Barbara Hanka	The African Drumming Project will provide a drum for every student in the music class at Lowell Elementary (grades 2-5). Students will no longer have to share drums in music class and they will be able excel in their rhythmic literacy faster. While learning notes, rests, and rhythm patterns on their African Tubano Drum, they will also learn more about the culture of African drumming and be able to accompany their own singing as well accompany instrumental music on the drum. Would purchase 30 drums.	\$2,000.00	\$0.00
Android Tablets for Spanish Immersion Program	Lowell Elementary	Jen Larva	Crystal Goldman	Provide funding for Android Tablets for students in the 2016-2017 Spanish Immersion Program at Lowell Elementary. In a language immersion setting, tablets can provide native speaker read e-books, recording abilities to monitor student oral language proficiency, and enhance language & mathematics skills through various applications available digitally.	\$2,000.00	\$0.00

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Critical Literacy Books for Teaching Social Justice	Lowell Elementary	Jennifer Larva	Crystal Goldman	Funding for Critical Literacy books (in Spanish) for students and teachers in the Spanish Immersion program beginning and would be part of the library collection at LES. Critical literacy uses reading texts to teach social justice issues through disrupting dominant perspectives, examining multiple perspectives, focusing on socio-political issues, and taking action.	\$2,000.00	\$0.00
Spanish Language Leveled Reading Books	Lowell Elementary	Jen Larva	Crystal Goldman	Would purchase Android Tablets for students in the 2016-2017 Spanish Immersion Program at Lowell Elementary. In a language immersion setting, tablets can provide native speaker read e-books, recording abilities to monitor student oral language proficiency, and enhance language & mathematics skills through various applications available digitally.	\$2,000.00	\$0.00
Music and Motion: Turning STEM into STEAM	Myers-Wilkins Elementary	Stephanie Heilig	Jennifer Pederson	Music in Motion: Turning STEM into STEAM would integrate STEM and Music. We hope to be able to purchase musical marble runs that have the ability to sound the pitches and duration of notes through building and designing a marble run. These marble runs would be used in a variety of lessons for grade levels from second to fifth. Xyloba Mezzo- Musical Marble Run Kits \$149.00 each	\$2,000.00	\$1,500.00
Taking Gardening Indoors: Hydroponics/ Micro-greens	Myers-Wilkins Elementary	Stephanie Heilig	Jennifer Pederson	Hydroponics and Micro-greens Project will allow students to experience year-round gardening, different gardening systems, eating fresh produce in the cafeteria that was grown themselves. This project will be an extension to our outdoor school garden and will be located in our cafeteria allowing all students to be a part of the project. This project will be focused on second grade as a part of their New Plants FOSS unit, part of our After-School Program, and Summer School. Purchase the necessary equipment for a hydroponic and micro-greens growing systems, and fund a field trip to local hydroponic and micro-greens farm.	\$2,000.00	\$1,900.00
3D Printing: Connecting Classes and Clubs	Ordean East Middle School	Gina Kleive	Timothy Churchill	The grant will be used to purchase and use one or more 3D printers. Goals are: Learn how to use a 3D printer How a project management system works with a 3D printer in the area of design, cost analysis of product development, care and maintenance of equipment, team work in the area of product development, and integration of skills from Industrial Tech Classes. Show how this type of machine can integrate the skills in STEM.	\$2,000.00	\$2,000.00

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Closing the Achievement Gap With WebBased Learning	Ordean East Middle School	Gina Kleive	Nathan Norman	Expand the ALEKS Web-Based Learning Tool to 4 sections next year, and continue our goal of closing the achievement gap for our students of color, and socioeconomic need. Purchase 55 ALEKS licenses at \$35 each. If support for this program is submitted next year it will not be supported. After multibple years of support, it would be up to the District to evaluate its true effectiveness and whether to make it a District wide standard program.	\$1,925.00	\$1,925.00
Get Plugged in to Science!	Ordean East Middle School	Gina Kleive	Annette Strom	Project focusses on the use of technology in the classroom to enhance individual learning. Asking for a classroom set of headphones so I can continue to improve my ability to differentiate lessons, use technology and facilitate individual learning for all of my students. Request that ten headphones also have microphone capabilities. This feature will allow some special needs students use the voice to text features on some of the sites. It will also allow for students to record podcasts and add voice to their video creations.	\$777.00	\$777.00
Technology in the Air: Drones!	Ordean East Middle School	Gina Kleive	Timothy Churchill	This project is for the Technology clubs. Project aims to teach students how to use and fly mini-drones. Goal is to teach students how to use mini-drones; to get the experience with simple low cost drones and to move onto more advanced drones with video capability. Two sets of drones will be purchased. Lower cost drones in the \$30 - \$50 range and then to purchase more sophisticated drones -\$80 - \$100 Expect the program will develop and then be used for a proposed summer tech camp.Complete checklists in order to complete tasks in flight, care, maintenance, and knowledge Learn how to fly, control, and land mini-drones in a safe and open area, the basics of aviation technology and the skills in aviation flight, how to care for and maintain machines, about the costs of buying, maintaining, replacing, and upkeep of equipment	\$2,000.00	\$1,000.00
Physical Science Fanatic	Ordean Middle School	Gina Kleive	Peter Froehlingsdorf	Grade 6 science centers around the physical sciences. Students are exposed to lessons which focus on: forces and motions, mixtures and solutions, electricity, and aviation.Asking for hands-on materials to supplement the current materials. 150 students costing only \$7.39 for an entire year of student labs. They would be used for years and years to come.	\$1,110.00	\$1,110.00

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Battle of the Books	Piedmont Elementary School	Beth Shermoen	Cindy Sutherland	Battle of the Books is a program intended to inspire our students to read more. Fourth and fifth grade students read from a list of twelve titles and then participate in a quiz bowl based on those books. Purchase 12 titles of 7 books and awards.	\$500.00	\$500.00
Osmo's in Education	Piedmont Elementary School	Beth Shermoen	Heidi Owens	Osmo is a hands on interactive forum utilizing Ipad technology to teach everything phonics to photosynthesis in a dynamic, inspiring and engaging manner to students of all ages. Osmo's groundbreaking system fosters social intelligence and creative thinking by opening up the iPad to the endless possibilities of physical play. (https://www.playosmo.com/en/) It can be used for math and reading enrichment. I plan to use the Osmos as a learning station activity to correlate with my current unit of study in math and/or reading. Purchase 5 Osmos	\$500.00	\$0.00
Osmo-Technology in the Classroom	Piedmont Elementary School	Beth Shermoen	Loni Lyons	Osmo is an interactive, educational accessory for the iPad that transforms the device into a reader of sorts for physical interactions that occur in front of it: Purchase 7 Osmo packages.	\$693.00	\$0.00
Project Based Learning - Energy Conservation	Woodland Hills Academy	Denise Clairmont	Tami Stafstrom-Allen	Purchase 11 chromebooks. Technology is an integral part of Project Based Learning. Access to the internet is needed on a daily basis in the classroom throughout the project. There is currently no money available to purchase Chromebooks for the classroom. The energy project students will be presented with the "challenge" to reduce the carbon footprint at Woodland Hills Academy	\$1,962.00	\$1,962.00
				TOTAL	\$25,708.00	\$13,219.00

# of APPLICATIONS RECEIVED	35
# of APPLICATIONS APPROVED	18
DPS FUND AVAILABLE TO SPEND	\$19,376.00
AMOUNT REQUESTED	\$46,473.00
DPS FUND AMOUNT APPROVED	\$19,363.00
Balance	\$13.00