



## GPFPE Grant Cycle 2015-2016

### **OCTOBER 2015 APPROVED GRANTS**

1. Peer to Peer Program (K-12th) District ~ \$4,000
2. Kidblog (3rd-5th) All 9 District Elementary Schools ~ \$2,000
3. Think Through Math (3rd-5th) Kerby Elementary ~ \$3,315
4. Lego Kits for Utilization in Existing Curriculum (2nd) Kerby Elementary ~ \$1,377
5. Sensory Room Materials (K-5th) Poupard Elementary ~ \$1,603
6. Projector for Gym (K-5th) Poupard Elementary ~ \$7,530
7. Hydroponics Station (1st-3rd) Trombly Elementary ~ \$3,000
8. Middle School Broadcast Journalism iPads and Accessories (7th-8th) Pierce, Parcels and Brownell Middle School ~ \$8,425
9. First Tech Challenge Team "The Blown Fuses" (6th-8th) Parcels Middle School ~ \$1,200
10. Freshman Assist Mentoring Program (9th, 11th, 12th) North High School ~\$10,000
11. Drum Line Instruments for the Pep Band (9th-12th) North High School ~ \$3,500
12. The Gearheads Robotics Team (9th-12th) North and South High School ~ \$2,000
13. Enhancing and Updating South High Orchestra Inventory (9th-12th) South High School ~ \$14,000
14. Tuba (9th-12th) South High School ~ \$5,000
15. Grosse Pointe South Aerospace Club (9th-12th), South High School ~ \$990
16. Grosse Pointe South Solar Car Team (9th-12th) South High School ~ \$2,000

**Total Grants Awarded October 2015 = \$69,938.26**



## GPFPE Grant Cycle 2015-2016

### **MARCH 2016 APPROVED GRANTS**

1. RAZ- Kids (K-3rd) District 9 Elementary ~ \$21,331
2. Sensory Room Materials (K-5th) Defer Elementary ~ \$1,911
3. Innovation Through Integrated Technology (1st-3rd) Trombly Elementary ~ \$3,662
4. Grant for 10 Android Tablets (3rd-5th) Defer Elementary ~ \$1,718
5. Destination Imagination (4th-12th) District ~ \$2,000
6. Meeting the Needs of Students with Disabilities (6th-8th) Parcels Middle School ~ \$1,500
7. Enhanced Math Materials for Special Needs (6th-8th) Parcels Middle School ~ \$1,508
8. Gizmo Library Renewal, (6th-8th) Brownell, Parcels and Pierce Middle School ~ \$10,500
9. New Instruments for Instrumental Music (6th-8th) Brownell Middle School ~ \$3,500
10. New Cellos for the Parcels Orchestra (6th-8th) Parcels Middle School ~ \$3,500
11. Enhancing and Updating Pierce Musical Instruments (6th-8th) Pierce Middle School ~ \$3,500
12. Drum line Musical Instruments and Stands (9th-12th) North High School ~ \$2,500
13. Enhancing and Updating South's Musical Instrument Inventory (9th-12th) South High School ~ \$7,000
14. Grosse Pointe North Student Collaboratory, (9th-12th) North High School ~ \$5,565
15. iPad Video Studio for Tower Pulse and Honors Journalism, (9th-12th) South High School ~ \$4,645

**Total Grants Awarded March 2016 = \$74,340.00**

**TOTAL GRANTS AWARDED 2015-2016 = \$144,280**



## GPFPE Grant Cycle 2015-2016

### GRANT SUMMARY

#### **1. Peer to Peer Program (K-12<sup>th</sup>) District (\$4,000)**

This continuing mentor program, associated with LINKS, is in place at multiple grade levels across the district to bridge the students with special needs to the typical activities and social environments enjoyed by their peers. This grant provides mentor training under the supervision of the special needs staff. *Submitted by Dori Martinuzzi and Deb Teolis*

#### **2. Kidblog (3<sup>rd</sup>-5<sup>th</sup>) All 9 Elementary Schools (\$2,000)**

Kidblog is a safe and simple blogging platform that provides teachers with a tool to help students publish their writing safely online with teacher monitoring. This program for 1500 online accounts will give the students' writing a meaningful purpose and authentic audience. *Submitted by Walt Fitzpatrick*

#### **3. Think Through Math (3<sup>rd</sup>-5<sup>th</sup>) Kerby (\$3,315)**

This is a web-based math program that differentiates for individualized instruction on the computer. It is for 170 online TTM licenses for all the 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> grade students at Kerby to use at school and/or at home. *Submitted by Sara Delgado*

#### **4. Lego Kits for Utilization in Existing Curriculum (2<sup>nd</sup>) Kerby (\$1,377)**

Classroom set of 25 Lego Kits that will be utilized in the classroom to complete project-based learning activities across the curriculum. These second grade students will have access to Lego building pieces that will enhance creative, synthetic and evaluative skills. *Submitted by Kirk Sattelmeyer, Elizabeth Kern and Brooke Farrell*

#### **5. Sensory Room Materials (K-5<sup>th</sup>) Poupard (\$1,603)**

Heavy duty sensory equipment designed to help children with autism or other developmental disabilities. This equipment will allow Poupard to build a sensory environment that will provide individual special needs students the opportunity to stimulate, develop or balance their sensory systems which in turn will reduce negative behaviors and make learning more successful. *Submitted by Amy Kaltz, Mackenzie Hebert, Lis Galvin and Heather Carroll*

#### **6. Projector for Gym (K-5<sup>th</sup>) Poupard (\$7,530)**

An electronic projector for the Poupard Gymnasium to be utilized for whole school presentations. Poupard currently uses the character education program called "Leader in Me" which was funded by a Steven Covey Foundation grant. This program is dependent upon videos and large group presentations that will be more effective and meet the demands of this school's population with a high tech projector. *Submitted by Penny Stocks*



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### **7. Hydroponics Station (1<sup>st</sup>-3<sup>rd</sup>) Trombly (\$3,000)**

Hydroponics equipment that will create a real life growing environment within the current Trombly greenhouse. Students will be able to monitor the stages of the plant cycle regularly with this hands-on learning center. It will also foster learning about environmental concerns as well as community service when plants are donated to local urban community gardens. *Submitted by Marta Weaver and Rebecca Golus*

### **8. Middle School Broadcast Journalism iPads and Accessories (7<sup>th</sup>-8<sup>th</sup>) Pierce, Parcels, Brownell (\$8,425)**

This is for 26 iPad minis with durable cases for the middle school broadcast journalism program. The iPads will be available for students to use in addition to the current editing software. Using these iPads for filming and editing will make the transition to high school technology and applications more seamless. *Submitted by Michelle Stackpoole, Sean Kifer and Corey Ernst*

### **9. First Tech Challenge Team “The Blown Fuses” (6<sup>th</sup>-8<sup>th</sup>) Parcels (\$1,200)**

This grant assists in the development of a self-sustaining robotics team, which plans to compete against other middle schools across the United States. Students at Parcels will have hands-on experience with problem solving, computer coding, website design, wiring and building. Mathematical skills and budgeting will also be addressed. *Submitted by Eileen and Craig Reickert, Tom Favenyesi and Sean McCarroll*

### **10. Freshman Assist Mentoring Program (9<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>) North (\$10,000)**

This literacy program pairs struggling learners with mentors to create a culture of shared leadership. Mentor education and training sessions are provided by this partial grant, as well as a set of iPad minis to enhance engagement and learning. *Submitted by Jonathan Byrne*

### **11. Drum Line Instruments for the Pep Band (9<sup>th</sup>-12<sup>th</sup>) North (\$3,500)**

New snare, bass and quad drums and cymbals will be purchased to replace old equipment and extend North’s Pep Band. Instruments will give students a chance to expand musical skills learned in class, and perform in the community- providing a climate of “One GP”. *Submitted by David Cleveland*

### **12. The Gearheads Robotics Team (9<sup>th</sup>-12<sup>th</sup>) North and South (\$2,000)**

Materials, parts and machinery maintenance assist this high school robotics team as they build a competition-ready robot, which cultivates STEM concepts in a unique extracurricular activity for BOTH high school communities. Over 90 students work with the ongoing team members to learn skills such as metal-working, electronics, programming and CAD/CAM design. *Submitted by Sean McCarroll*



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### **13. Enhancing and Updating South High Orchestra Inventory (9<sup>th</sup>-12<sup>th</sup>) South (\$14,000)**

A partial grant allows the purchase of two new cello outfits and begins a much needed replenishment of instruments in South's Symphony Orchestra and Concert Orchestra. Newer, high level instruments will replace current extremely old models and improve a student player's artistry and the tone of the entire orchestra. *Submitted by James Gross*

### **14. Tuba (9<sup>th</sup>-12<sup>th</sup>) South (\$5,000)**

Another effort to replenish and renew South's music inventory. A new tuba will meet the needs of a growing number of students interested in low brass instruments and benefit the quality of South's Band, in class, in performances and in MSBOA competitions. *Submitted by Chris Takis*

### **15. Grosse Pointe South Aerospace Club (9<sup>th</sup>-12<sup>th</sup>), South, (\$990)**

This grant allows the establishment of an extracurricular club devoted to competing in the Team America Rocket Challenge. Materials will be purchased and students will apply concepts learned in Physics, Calculus, Chemistry and Computer Science classes as they design and build a rocket for the competition. *Submitted by Scott Bern and Jason Schwessinger*

### **16. Grosse Pointe South Solar Car Team (9<sup>th</sup>-12<sup>th</sup>) South (\$2,000)**

A student-run engineering team builds a fully functioning solar powered car, tested in the field and entered in the Solar Car Challenge. This grant funds the design and building of a vehicle, which requires STEM skills, learned in Physics, Math and Business classes. *Submitted by Michael Rose, Marshall Vyletel, and Shantrell Griffin*

### **17. RAZ- Kids (K-3<sup>rd</sup>) District (\$21,331)**

RAZ-Kids online licenses to support 97 Kindergarten to 3<sup>rd</sup> grade classrooms throughout the district. The Raz-Kids program allows students to listen to and read books online at their "just right" level to improve fluency, decoding and comprehension. The automated data allows for immediate feedback to monitor student growth. RAZ continues to align and enhance other district reading initiatives like Reader's Workshop and Tattum F.A.S.T. *Submitted by Keith Howell*

### **18. Sensory Room Materials (K-5<sup>th</sup>) Defer (\$1,911)**

A multitude of specified sensory equipment designed to help children with autism or other developmental disabilities. This equipment will allow Defer to build a sensory environment that will provide individual special needs students the opportunity to stimulate, develop or balance their sensory systems which in turn will reduce negative behaviors and make learning more successful. *Submitted by Erin Amos*

### **19. Innovation Through Integrated Technology (1<sup>st</sup>-3<sup>rd</sup>) Trombly (\$3,662)**

Six iPad Air 2s, Six Chromebooks and a USB camera for the Trombly multiage classroom. This new technology added to other technology already in the classroom will allow each student to develop and expand their own digital portfolio as well as collaborate with other classrooms in the school. Presenting work in authentic forums creates real world context and adds purpose and motivation for students. *Submitted by Mary O'Meara*



## GPFPE Grant Cycle 2015-2016

### **20. Grant for 10 Android Tablets (3<sup>rd</sup>-5<sup>th</sup>) Defer (\$1,718)**

Ten Android tablets for 3<sup>rd</sup> through 5<sup>th</sup> grade use on projects and research in the school library. Students will benefit by learning new technology and research techniques with collaboration between the library media specialist and the classroom teacher on units of study. *Submitted by Cheryl Quinlan*

### **21. Destination Imagination (4<sup>th</sup>-12<sup>th</sup>) District (\$2,000)**

Team supplies and registration fees for several Destination Imagination teams throughout the district. DI is an educational program in which student teams, made up of 2 to 7 members, solve open-ended Challenges and present their solutions at local and state competitions. DI believes in the importance of play, learning by doing and inspiring more students to get involved with STEAM (Science, Technology, Engineering, Arts and Math). *Submitted by Elizabeth and Herman Wang*

### **22. Meeting the Needs of Students with Disabilities (6<sup>th</sup>-8<sup>th</sup>) Parcels (\$1,500)**

Two Kindle Fire tablets with a multitude of graphic digital novels, five ball chairs and five stand up desks. Students with mild to moderate disabilities receive special education services in the Learning Resource Center and this equipment will outfit this center with the tools needed to encourage “movement” opportunities while learning. The technology as well as the specified furniture will increase student focus and engagement in the classroom. *Submitted by Jackie Sage-Phillips*

### **23. Enhanced Math Materials for Special Needs (6<sup>th</sup>-8<sup>th</sup>) Parcels (\$1,508)**

Able Net Equals online technology and curriculum mathematics materials for students with special needs which includes a content kit, a manipulative kit, a web-based Technology Lesson Center and access to a members-only site. Since the Equals program is differentiated for students with mild to moderate developmental disabilities, it will engage a broad range of learners and foster inclusive instruction. *Submitted by Gina McEveney, Amy Bolzman, and Lauren Brown*

### **24. Gizmo Library Renewal, (6<sup>th</sup>-8<sup>th</sup>) Brownell, Parcels and Pierce (\$10,500)**

Explore Learning Gizmos are a library of interactive online Math and Science simulations which help students develop a deep conceptual understanding of STEM topics through inquiry and virtual exploration. This grant provides a one year renewal of a subscription contract to support Science instruction in all three middle schools, where students currently are enthusiastically and successfully using this program. *Submitted by Mark Sonnenberg.*

### **25. New Instruments for Instrumental Music (6<sup>th</sup>-8<sup>th</sup>) Brownell (\$3,500)**

This partial grant helps to replenish worn out large orchestra or band instruments at Brownell, some of which are 40-50 years old. New instruments will improve tonality and balance within the overall musical groups at the school and allow students to have good quality instruments that are reliable and advanced. *Submitted by Dean Doss.*



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### **26. New Cellos for the Parcels Orchestra (6<sup>th</sup>-8<sup>th</sup>) Parcels (\$3,500)**

New cellos will replace old and malfunctioning cellos at Parcels. Current cellos lose good tone frequently and repairs or adjustments interrupt music class progress and impair blend during concerts and performances. This is a partial grant which may allow the purchase of 2 middle school appropriate cellos. *Submitted by Noah Zogas.*

### **27. Enhancing and Updating Pierce Musical Instruments (6<sup>th</sup>-8<sup>th</sup>) Pierce (\$3,500)**

New cellos to replace 35 year old outdated and unreliable models currently in use at Pierce. Constant repairs, such as cracks and broken bridges limit the advancement of students studying the cello, and interrupt classroom instruction. The modern technology found in new middle school appropriate cellos will enhance the artistry of students playing them and improve the blend and tone of the entire Pierce orchestra. *Submitted by James Gross*

### **28. Drumline Musical Instruments and Stands (9<sup>th</sup>-12<sup>th</sup>) North (\$2,500)**

Snare drums, cymbals, a bass drum and 10 drum stands will replace worn out equipment currently being used by North's pep band. These new instruments will allow students to progress with musical skills emphasized in class and in performances throughout the "One GP" community. *Submitted by David Cleveland.*

### **29. Enhancing and Updating South's Musical Instrument Inventory (9<sup>th</sup>-12<sup>th</sup>) South (\$7,000)**

One cello set for the high school music program at South. This partial grant works toward the expensive replacement of five out dated cello sets that are in constant need of repairs and upkeep; including one instrument dating back to 1960! Adjudicated festivals look for excellence in tone production, which can be adversely affected by the condition or age of an instrument. *Submitted by James Gross*

### **30. Grosse Pointe North Student Collaboratory, (9<sup>th</sup>-12<sup>th</sup>) North (\$5,565)**

Two iMac computers, eight tractor stools, one conference table and four desks to begin to equip North's Media Center with a new updated space for learners. This supervised area will serve as a satellite station for courses within the school community where students need to access equipment and technology outside of their scheduled class time. *Submitted by Amanda Pata and Brian Stackpoole.*

### **31. iPad Video Studio for Tower Pulse and Honors Journalism, (9<sup>th</sup>-12<sup>th</sup>) South (\$4,645)**

Five iPads to create a mini studio, in which the journalism students at South will cover stories using digital media and multimedia in video storytelling. Students will learn to effectively shoot and edit video, and tell compelling visual stories in a modern journalistic manner. *Submitted by Rod Satterthwaite*