



## GPFPE Grants Cycle 2016-2017

### **OCTOBER 2016 APPROVED GRANTS**

1. iPads Lending Library (K-5<sup>th</sup>) LRC Rooms in each Elementary Building ~ \$4,795
2. Peer to Peer Program (K-12<sup>th</sup>) Entire School District, Special Education ~ \$2,500
3. Creating A Culture Of Leadership (K-5<sup>th</sup>) Ferry ~ \$11,850
4. Dot and Dash Wonder Workshop (2<sup>nd</sup>) Maire ~ \$960
5. 21st Century Learning With Classroom iPads (1<sup>st</sup>-2<sup>nd</sup>) Mason ~ \$2,970
6. Handwriting Without Tears (K) Monteith ~ \$1,285
7. Math Workshop (2<sup>nd</sup>) Poupard ~ \$489
8. Twelve iPad Minis for the Classroom (4<sup>th</sup>) Trombly ~ \$3,563
9. Project Based Learning- Inspire Kindness (3<sup>rd</sup>) Trombly ~ \$450
10. Life Skills Supplies for the Classroom (6<sup>th</sup>-8<sup>th</sup>) Brownell ~ \$2,300
11. Purchase of a 3D Printer (7<sup>th</sup>-8<sup>th</sup>) Brownell ~ \$1,300
12. Machines and Testers (6<sup>th</sup>-8<sup>th</sup>) Parcels and Pierce ~ \$2,524
13. Blown Fuses, FIRST Tech Challenge Team (6<sup>th</sup>-8<sup>th</sup>) Parcels ~ \$1,200
14. Sewing Machine Maintenance (6<sup>th</sup>-8<sup>th</sup>) Parcels ~ \$1,300
15. Gearheads (9<sup>th</sup>-12<sup>th</sup>) North/South ~ \$2,000
16. Chromebooks for Counseling Center (9<sup>th</sup>-12<sup>th</sup>) North ~ \$1,000
17. GPN Model Classroom (9<sup>th</sup>-12<sup>th</sup>) North ~ \$4,400
18. ARTFEST Boards (9<sup>th</sup>-12<sup>th</sup>) South ~ \$7,000
19. Recording Equipment to Improve Choral Instruction (9<sup>th</sup>-12<sup>th</sup>) South ~ \$3,000
20. Computers Everyday (9<sup>th</sup>-12<sup>th</sup>) South ~ \$7,465
21. Solar Car (9<sup>th</sup>-12<sup>th</sup>) South ~ \$2,000
22. Makerspace (9<sup>th</sup>-12<sup>th</sup>) South ~ \$3,000
23. Makerspace Student Grant (9<sup>th</sup>-12<sup>th</sup>) South ~ \$2,000
24. Milling Machine Upgrade (9<sup>th</sup>-12<sup>th</sup>) South ~ \$5,249
25. Chromebooks for the English Department (9<sup>th</sup>-12<sup>th</sup>) South ~ \$9,528

**Total Grants Awarded October 2016 = \$84,128.00**



## GPFPE Grants Cycle 2016-2017

### **MARCH 2017 APPROVED GRANT**

1. Increasing the Complexity of Play Skills (Early Childhood) Barnes ~ \$1,171
2. Creating a Culture of Leadership (K-5) Ferry ~ \$10,850
3. A Whiteboard for the French and Spanish Room (grades 6-8) Parcels ~ \$800
4. Explore Learning Subscription Renewal (grades 6-8) District Middle Schools ~ \$8,395
5. Using Graphing Calculators in Math (grades 9-12) North ~ \$5,354
6. iStudies, Raspberry Pi's (grades 9-12) North and South ~ \$2,500
7. TV Studio Upgrade (grades 9-12) North and South ~ \$5,000
8. Digital Camera for Photography Classes (grades 9-12) South High ~ \$500
9. Grosse Pointe Learning Network (District) all schools ~ \$1,250

**Total Grants Awarded March 2017 = \$35,820.00**

**TOTAL GRANTS AWARDED 2016-2017 = \$119,948**



## GPFPE Grants Cycle 2016-2017

### GRANT SUMMARY

#### **1. iPads Lending Library (K-5<sup>th</sup>) LRC Rooms in each Elementary Building (\$4,795)**

This technology grant allows the purchase of 12 iPad Airs and the software needed to support written expression, improve speed with written tasks, build independence and allow Special Education students opportunities to access the general education curriculum. *Submitted by Megan Marshall, Lisa Newbold, Mackenzie Hebert, Dianne Stall, Kristen Topper and Lynne Roby*

#### **2. Peer to Peer Program (K-12<sup>th</sup>) Entire School District, Special Education (\$2,500)**

This partial grant will allow the purchase of T-shirts for students involved in the LINK/KNOTS program, which pairs general education students with Special Education students to support academic achievement and positive socialization. This pairing helps all students relate to people with different needs and encourages increased understanding of individual differences. *Submitted by Patti Cohan and Meaghan Post*

#### **3. Creating A Culture Of Leadership (K-5<sup>th</sup>) Ferry (\$11,850)**

“The Leader In Me” character education program is being implemented at Ferry Elementary School. These funds will aid the school staff as they bring the “7 Habits of Highly Effective People” to Ferry students. Teacher training and a “Leader In Me” Symposium for 8 staff members plus student books will be purchased using this grant. *Submitted by Gloria Hinz, Jenny Tyler, Kamille Samborski, Carrie Balderson, Lindsey Diehl, Kim Moskwa, Julie Walkley, Glenda Lassiter, Karen Listwan, Anne Flanagan and Cheryl Fox*

#### **4. Dot and Dash Wonder Workshop (2<sup>nd</sup>) Maire (\$960)**

This teacher of one of the district’s 21<sup>st</sup> Century Classrooms wishes to use the Blockly and Wonder coding program to support collaboration, critical thinking, communication and creativity in her classroom. These second graders will learn and practice coding, and control robots as an introduction to computer science. *Submitted by Sarah Neely*

#### **5. 21st Century Learning With Classroom iPads (1<sup>st</sup>-2<sup>nd</sup>) Mason (\$2,970)**

This grant supplies 10 iPad Minis and software for use in Science, Math, Reading and Social Studies to allow students to discuss and problem solve together. Teachers plan to create an environment where students will be actively engaged while working in small groups or individually with a hands-on approach to lessons. *Submitted by Anna Collins and Gina Green*

#### **6. Handwriting Without Tears (K) Monteith (\$1,285)**

The entire Kindergarten team at Monteith wishes to adopt the “Handwriting Without Tears” program previously piloted by two team members last year. Their grade level goal is to focus on improving handwriting with their students. The team sees this program as a research based, consistent method to encourage effective writing instruction in the Kindergarten classrooms. *Submitted by Theresa Comilla*



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### **7. Math Workshop (2<sup>nd</sup>) Poupard (\$489)**

This model of Math instruction, a part of the district's Everyday Math curriculum, allows students to move through four different stations, which consist of teacher instruction, a technology station, a hands-on station and independent work station. The grant will specifically enhance the "hands-on station" which contains interactive differentiated Math games. This workshop model divides students into small groups to minimize distractions, promote on-task behavior and encourage collaboration. *Submitted by Danielle Pedersen and Angela Skrip*

### **8. Twelve iPad Minis for the Classroom (4<sup>th</sup>) Trombly (\$3,563)**

This instructor hopes to use technology to engage his 4<sup>th</sup> graders in different learning styles, encourage problem solving, increase student collaboration, promote active learning and increase opportunities for the students to demonstrate their learning in a differentiated fashion. They will use the iPad Minis to write blogs, code, take notes, and do live video feedback coinciding with benchmarks in Math, Social Studies, Science and Language Arts. *Submitted by Matthew Eszes*

### **9. Project Based Learning- Inspire Kindness (3<sup>rd</sup>) Trombly (\$450)**

Third grade students are working on a year-long project to inspire kindness at their school. This grant supplies t-shirts to the students to easily identify them as participants in their "Be Kind Club" and encourage other students to engage in problem solving as it pertains to citizenship and socialization skills. *Submitted by Dona Johnson-Beach*

### **10. Life Skills Supplies for the Classroom (6<sup>th</sup>-8<sup>th</sup>) Brownell (\$2,300)**

This partial grant provides 15 new sewing machines and a thread serger for the Life Skills classrooms at Brownell. This allows students to create sewn objects effectively by helping replace decades old machines which are constantly in need of repair. *Submitted by Taylor Barczyk*

### **11. Purchase of a 3D Printer (7<sup>th</sup>-8<sup>th</sup>) Brownell (\$1,300)**

Art and Graphic Design students at Brownell will be able to use this 3D printer to see their initial digital design evolve into an actual 3D prototype. The printer will serve as a tool for both product based learning and a student driven study, as students must analyze, reconfigure, assess and synthesize information to develop a realistic product design. *Submitted by Margaret Rose*

### **12. Machines and Testers (6<sup>th</sup>-8<sup>th</sup>) Parcels and Pierce (\$2,524)**

This partial grant will fund the purchase of equipment needed by this Industrial Technology teacher. A scroll saw, CO2 car raceway and a model bridge tester will replace old and poorly working equipment in these project based classrooms as well as decrease student wait time. Industrial Technology classes are growing in popularity each year. *Submitted by Matthew Kotes*

### **13. Blown Fuses, FIRST Tech Challenge Team (6<sup>th</sup>-8<sup>th</sup>) Parcels (\$1,200)**

The Blown Fuses is a STEM educational robotic experience club, hoping to compete in a regional competition in November, and perhaps move to the state level competition in December. Funding of this grant will go towards the purchase of the materials used by the club to construct their robot, and registration fees for the competitions. *Submitted by Tom and Sheri Favencyesi*



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### **14. Sewing Machine Maintenance (6<sup>th</sup>-8<sup>th</sup>) Parcels (\$1,300)**

Funding of this grant goes toward routine maintenance of the sewing machines used in Life Skills classes at Parcels. Properly functioning machines are imperative to student success in the sewing components of 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grade Life Skills classes. Oiled, cleaned and well-maintained machines should last for many years. *Submitted by Andrea Gruenwald*

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

This partial grant is for the combined North/South robotics team to improve infrastructure with a trailer to be used to transport equipment to and from events. This STEM club not only teaches applied Science and Engineering but also helps students learn to work together, value learning over winning, share experiences and make learning fun. *Submitted by Eileen Reickert, Jeff Santrock and Sean O'Grady*

### **16. Chromebooks for Counseling Center (9<sup>th</sup>-12<sup>th</sup>) North (\$1,000)**

This partial grant is to be used for 5 Chromebooks for the Counseling Center. In small group settings as well as one on one, these Chromebooks will aid the counselors at North High School with many counseling tasks such as NWEA and other online testing, college exploration, student group work and monthly counselor workshops. *Submitted by Barbara Skelly*

### **17. GPN Model Classroom (9<sup>th</sup>-12<sup>th</sup>) North (\$4,400)**

This partial grant will help fund Chromebooks for a 21<sup>st</sup> Century high school model classroom. This newly outfitted learning space will be used for the staff to try out innovative arrangements, furnishings, lighting, color and technology to see how students respond to new learning spaces. Data will be collected to aid future classroom set up decisions and student impact. *Submitted by Jonathan Byrne, Devin Cox, Allison Dunn, Karin Eberhard, Amanda Pata, Sheryl Russell, Rebecca Ruth, Marti Steiner, Katy Vernier and Geoffrey Young*

### **18. ARTFEST Boards (9<sup>th</sup>-12<sup>th</sup>) South (\$7,000)**

ARTFEST is an annual event featuring the work of approximately 500 student artists at GP South and visited by approximately 2,000 community members. This partial grant will fund new art display boards to replace the unstable, dry rotting and overused current boards as well as to be shared throughout the district as available. *Submitted by Susan Trudeau and Kit Aro*

### **19. Recording Equipment to Improve Choral Instruction (9<sup>th</sup>-12<sup>th</sup>) South (\$3,000)**

This partial grant is specifically to be used for recording equipment for the choral classroom. Students will be able to have their work product recorded and played back in the rehearsal setting which in turn will identify areas of improvement for vocal tone and production dynamics. *Submitted by Christopher Pratt*

### **20. Computers Everyday (9<sup>th</sup>-12<sup>th</sup>) South (\$7,465)**

This grant is for 35 Chromebooks and a charging cart for the Social Studies department to share at GP South. With computer lab time limited, as the need for all teachers to use it has skyrocketed, this department will use these new computer devices in the classroom every day for group work, global issues, stock budgets, online testing and project based learning. *Submitted by Kendra Caralis*



## GPFPE Grants Cycle 2016-2017

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

This partial grant is for supplies for the student-run engineering team to build a fully functioning solar powered car, tested in the field and entered in the Solar Car Challenge. The mission of this club is to provide real-life experience in engineering and business to each student. *Submitted by Ponette Rubio, Jack Campau and Jack Burgoyne*

### **22. Makerspace (9<sup>th</sup>-12<sup>th</sup>) South (\$3,000)**

This partial grant is for 8 coding tablets and 1 Microsoft Surface Book to be utilized in the new state-of-the-art collaboration space at GP South. This Makerspace will be an area of collaboration and discovery for clubs, extra-curricular exploration and new classes at South like the iSeries. *Submitted by James Adams, Micki Buksar-Cecil and Moussa Hamka*

### **23. Makerspace Student Grant (9<sup>th</sup>-12<sup>th</sup>) South (\$2,000)**

This partial grant is for modern and classic tools for the Makerspace Club to use in a collaborative STEAM space at GP South. This interactive workshop area will provide students with real-world experiences that will guide and motivate them towards their future endeavors. *Submitted by Ponette Rubio*

### **24. Milling Machine Upgrade (9<sup>th</sup>-12<sup>th</sup>) South (\$5,249)**

This is for a new Spectra Light Mill including software, electronics, installation and training for the GP South Industrial Technology students to learn and use. This machine will further advance the students' Computer Aided Drafting (CAD) skills which will better prepare them for future engineering endeavors in higher learning. *Submitted by Jeanne Dolson*

### **25. Chromebooks for the English Department (9<sup>th</sup>-12<sup>th</sup>) South (\$9,528)**

This grant is for 37 Chromebooks to be shared throughout the English Department at GP South. This classroom set of portable devices will address the critical need for technology in the classrooms and prepare the high school students to become better researchers and better writers. *Submitted by Danielle Peck*

### **26. Increasing the Complexity of Play Skills (Early Childhood) Barnes (\$1,171)**

This Special Education grant strives to improve social communication in developmentally delayed students through play activities that will stimulate socialization and strengthen gross motor skills. Materials such as soft tile mats, weighted blocks and other high interest play items will be purchased, and staff will be trained to use them to benefit student development. *Submitted by Kelly Vess and Lauren Bradley*

### **27. Creating a Culture of Leadership (K-5) Ferry (\$10,850)**

This is a second phase to *The Leader In Me (TLIM)* program training lunch supervisors, classroom assistants, custodial staff, office staff, Kids Club staff and Preschool staff in the common language and tenants of the Franklin Covey character education program. Ferry teachers have been trained in the 7 Habits of Highly Effective Practices already, and this grant will complete the training for the entire instructional community as the school adapts the *TLIM* process. *Submitted by The Ferry Lighthouse Team: Gloria Hinz, Jenny Tyler, Kamille Samborski, Carrie Balderson, Lindsey Diehl, Kim Moskwa, Julie Walkley, Glenda Lassiter, Nicol Brumme and Anne Flanagan*





## GPFPE Grants Cycle 2016-2017

### **28. A Whiteboard for the French and Spanish Room (grades 6-8) Parcels (\$800)**

This updated and larger replacement of a small, ineffective portable whiteboard will assist this instructor to more efficiently teach her foreign language students. It will allow students to see the teacher's writing more clearly. *Submitted by Elizabeth Hill*

### **29. Explore Learning Subscription Renewal (grades 6-8) Brownell, Pierce and Parcels (\$8,395)**

This partial grant is a one year renewal of "Gizmos", an online science lab and math simulation, avidly used by students at all three GPPSS middle schools. The Grosse Pointe Foundation for Public Education funded this successful program last year. This amount will renew these inquiry based programs for all three middle schools for one more year. *Submitted by Mark Sonnenberg*

### **30. Using Graphing Calculators in Math (grades 9-12) North (\$5,354)**

Graphing calculators are used in Algebra I, Geometry, Algebra II and Pre-Calculus classes to support Michigan Common Core Math Standards. This partial grant will fund the purchase of one classroom set of calculators so that all students will be able to work collaboratively, access authentic learning and enhance mathematical understanding. *Submitted by Catherine Vernier*

### **31. iStudies, Raspberry Pi's (grades 9-12) North and South (\$2,500)**

Both high schools have classes in Innovative Studies (iStudies) which are new programs built around the district's Digital Seminar courses. Students learn the fundamental principles behind end-user design or the result of prototyping and making innovative solutions to real human needs. Raspberry Pi's are programming mini computers that allow students the opportunity to create computer automated products. This grant will be split evenly between the two high schools. *Submitted by Sean McCarroll and Micki Buksar-Cecil*

### **32. TV Studio Upgrade (grades 9-12) North and South (\$5,000)**

This partial grant helps support the upgrade of video switchers for the Television Production programs at the two high schools. This allows students to record and broadcast high definition video. Other functions will include: mixing live cameras and video feeds, enhancing presentations with titles, graphics and animations, adjusting camera input sources and many other creative broadcasting features. *Submitted by Stephen Geresy and Brian Stackpoole*

### **33. Digital Camera for Photography Classes (grades 9-12) South High (\$500)**

Allowing for the purchase of one digital camera, this partial grant helps assist in the creation of a class set of cameras for the Photography I and Photography 2/AP courses. Having an eventual class set will allow students to have a hands-on opportunity to use cameras in class and learn technology forward digital photography. *Submitted by Emily Wolfe*

### **34. Grosse Pointe Learning Network (District) all schools (\$1,250)**

This partial grant funds the hiring of speakers who will share modern learning techniques to be offered to all staff as part of a professional development program. This established program links educators across the district to rich conversations and a set of new teaching tools to bring back to their schools and classrooms. These sessions enhance the teacher's ability to feel supported with current curriculum and to integrate best practices that are a part of modern learning. *Submitted by Taylor Barczyk, Dona Johnson-Beach, Elizabeth Lulis and Jodie Randazzo*