



Grant Cycle 2017-2018

OCTOBER 2017 APPROVED GRANTS

1. Piloting of *Story Champs*, A Multi-tiered Language Intervention Curriculum (Early Childhood)
Barnes ~ \$557
2. Early Literacy Lending Library for Preschoolers with Autism (Early Childhood)
Barnes ~ \$1,491
3. Formative Loop-Math Numeracy Program (Elementary) Defer and Mason ~ \$420
4. Motivating More With Manipulatives (Elementary) All Elementary Schools ~ \$2,688
5. Improving Informational Discourse, Reading and Writing with *Story Champs* (Elementary)
Mason and Poupard ~ \$616
6. Positive School Culture (K-5 and Head Start) Poupard ~ \$2,500
7. Middle School STEAM Robotics and Electronics (6th -8th) Brownell and Pierce ~ \$5,718
8. Chromebooks & Cart for English Department (6th-8th) Parcels ~ \$8,484
9. Chromebook Class Set & Cart for Science Department (6th-8th) Parcels ~ \$8,484
10. New Choir Uniforms (6th-8th) Parcels ~ \$500
11. VEXnet ARM Microcontrollers and Squarebots (10th-12th) South ~ \$2,000
12. Physics Motion Sensor Tracks (9th-12th) South ~ \$940
13. Gearheads (9th-12th) North/South ~ \$2,000
14. Peer to Peer Program (K-12th) School District, Special Education ~ \$2,500

Total Grants Awarded October 2017 = \$38,898.00



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MARCH 2018 APPROVED GRANTS

1. Science Olympiad Team (Grades 3-5) Ferry ~ \$500
2. Middle School Robotics Program (Grades 6-8) Parcels ~ \$1,200
3. GPN “Cool Down Space” and GPS “Chill Room” (Grades 9-12) North and South ~ \$1,000 each for a total of \$2,000
4. AVID Career and College Readiness (Grades 9-12) North and South ~ \$8,700
5. Wireless Probes for Science Department Chromebooks, (Grades 9-12), South ~ \$3,945
6. Explore Learning Gizmos, (Grades 6-8), Brownell ~ \$2,850
7. 3D Printers for the Art Department, (Grade 6-8), Parcels and Pierce ~ \$5,443
8. Graphing Calculators, (Grades 7-8), Pierce ~ \$5,110
9. Grosse Pointe Learning Network (Grades Pre-K to 12), All Schools ~ \$1,000

Total Grants Awarded March 2018 = \$30,748.00

TOTAL GRANTS AWARDED 2017-2018 = \$69,646.00



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GRANT SUMMARY

1. Piloting of *Story Champs*, A Multi-tiered Language Intervention Curriculum (Early Childhood) Barnes (\$557)

This program aims to improve oral expression through narrative story retelling. It will be used with preschoolers having developmental disabilities to improve language and literacy skills. The *Story Champs* program has also been successful in increasing critical thinking abilities. Two curriculum kits will be purchased by this grant award. *Submitted by Kristen DeVooght and Kelly Vess*

2. Early Literacy Lending Library for Preschoolers with Autism (Early Childhood) Barnes (\$1,491)

Kits purchased by this grant will contain books, communication boards and manipulatives that aim to empower parents to provide an interactive 'story time' experience with their child at home. This teacher feels that the use of this lending library will result in social, emotional, physical, receptive and expressive language growth for students on the Autism spectrum. *Submitted by Marinel Gaitan*

3. Formative Loop-Math Numeracy Program (Elementary) Defer and Mason (\$420)

This online math program will be used with Title 1 students to track student progress and identify areas of need. Digital data generated by the program will provide information to the Title 1 teacher and the regular classroom teacher, and allow the students to feel more confident and be more successful in their daily math class. The grant award will purchase Formative Loop licenses for 60 Title 1 math students. *Submitted by Karen Labarge*

4. Motivating More With Manipulatives (Elementary) All Elementary Schools (\$2,688)

This grant updates materials used in the Tattum FAST/Foundations program across GPPSS elementary schools. Students will benefit from an increased amount of time on task, as they learn phonics, phonemic awareness and vocabulary, using new and improved letter boards. *Submitted by Kathleen McClanaghan*

5. Improving Informational Discourse, Reading and Writing with *Story Champs* (Elementary) Mason and Poupard (\$616)

Speech Pathologists at these two elementary buildings wish to utilize the *Story Champs* 2.0 program to improve their speech students' abilities to understand and use language in order to expand reading comprehension, which has been shown to be integral to classroom reading success. Story retelling, vocabulary improvement and grammar elements are part of this program from Language Dynamics Group. *Submitted by Tracy Gillette and Elisabeth Galvin*



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6. Positive School Culture (K-5 and Head Start) Poupard (\$2,500)

Aligning with the Leader In Me program in place at Poupard, this grant purchases Spirit wear for all participants, to help them continue to feel connected to the school environment. New students will also receive a shirt and supplies to welcome them to the school. With an expanded sense of belonging to the school community, symbolized by unified Spirit wear, the hope is to sustain a connection that supports the learning environment at Poupard. *Submitted by Suzanne Jabara and Hussain Ali*

7. Middle School STEAM Robotics and Electronics (6th-8th) Brownell and Pierce (\$5,718)

The purchase of a class pack of Little Bit Electronics and 10 Lego EV3 Mindstorm kits will add innovation, ideation and creation in the area of electronics and programming in these two digital design classes. This grant award will allow programming classes at these two middle schools more differentiation and engagement, with students able to create real electronic products, test them and revise them. The instructor is aligning these middle school classes with STEAM principles and the high school i-Studies programs. *Submitted by Todd Whitefleet*

8. Chromebooks & Cart for English Department (6th-8th) Parcels (\$8,484)

This grant award is for the purchase of 32 Chromebooks and a charging cart for the Parcels English Department to share. Both of these English teachers submitted a grant for this specific technology to help their students with a variety of English initiatives including research, document production and inquiry based learning. With a larger screen and a keyboard attached, Chromebooks for each class member will allow students to analyze, produce and create projects as well as receive immediate feedback from teachers via Google Docs. *Submitted by Cory Ernst and Crissy Therriault*

9. Chromebook Class Set & Cart for Science Department (6th-8th) Parcels (\$8,484)

This grant award is for the purchase of 32 Chromebooks and a charging cart for the Parcels Science Department to share. The goal of this grant is to provide middle school science students with the opportunity to participate in Michigan's current science standard's (NGSS) aligned lessons and testing that work best with one to one technology. Students will be able to contribute individually to classwork in real time. *Submitted by Christine Geerer*

10. New Choir Uniforms (6th-8th) Parcels (\$500)

Parcels choir program is expanding and with the addition of more students comes the need for more performance outfits. When a choir performs together after working so hard together, it is important that they look like a team. The uniforms being purchased are for both males and females and make up the dress and tuxedo apparel needed so that all choir members are dressed alike for performances. *Submitted by Leslie Saroli*



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11. VEXnet ARM Microcontrollers and Squarebots (10th-12th) South (\$2,000)

With the new STEM: Bots & Coding class offered at GP South, there is a need to update 10 year old equipment for use with robot platforms in the classroom. This partial grant will purchase newer VEXnet System Bundles and a microcontroller to allow students in the class to be using the same version of RobotC. This will enable students to use the same software for compatibility and coding uniformity purposes. *Submitted by Matt McGuire*

12. Physics Motion Sensor Tracks (9th-12th) South (\$940)

This grant award allows the purchase of two more track systems which would reduce the size of lab groups in each of the Science classes. Instructors feel that this would increase the number of 21st Century learners because more students will be able to have increased interaction with the technology that connects the classroom computers to collect real time data for moving objects. The associated software is also used by most universities. *Submitted by Todd Hecker, Matt McGuire and Troy Hernandez*

13. Gearheads (9th-12th) North/South (\$2,000)

This partial grant is for the combined North/South robotics team to be used toward competition registration fees. This STEAM club participates in a 6 week design and build challenge which culminates in 2 regional competitions followed by States and ultimately World Championships. This 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 Jason Wolfsen*

14. Peer to Peer Program (K-12th) 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*

15. Science Olympiad Team (Grades 3-5) Ferry (\$500)

This grant is for office supplies, competition and organization tools for Ferry's Science Olympiad Team in order to pass on year to year from one head coach to another. Students compete in team based competitions that require knowledge of various science topics and engineering skills. Science Olympiad is "dedicated to expanding the curriculum beyond the classroom" in the STEM areas of learning. *Submitted by Carrie Dollar*



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16. Middle School Robotics Program (Grades 6-8) Parcels (\$1,200)

The “Blown Fuses” robotics team formed in 2013 and has competed at both the Regional and State levels. This grant will provide funds for STEM supplies needed to continue competitions and workshops for these middle school students to gain hands-on experience with problem solving, computer coding, website design, wiring/building as well as practical applications of mathematical skills and budgeting. *Submitted by Tom and Sheri Favenyesi*

17. GPN “Cool Down Space” and GPS “Chill Room” (Grades 9-12) North and South (\$1,000 each for a total of \$2,000)

These two grants are for equipment and supplies still needed in creating the spaces at each high school where students can go to relieve anxiety and stress. These rooms are for mental health staff members to guide students through various issues, compose themselves and return to their learning environment. *Submitted by Jenny Sherman, Christine Kuhl, Beth Walsh-Sahutske and Lisa Khoury*

18. AVID Career and College Readiness (Grades 9-12) North and South (\$8,700)

This grant is for 15 Chromebooks and a locking/docking station for each high school to be used for the new Advanced Via Individual Determination (AVID) program. This program focuses on academically leveling up students from the 2.5 to 3.0 grade point average range in an effort to reach those students that have the ability to achieve high academic level but need further college prep skills and concrete goals. *Submitted by Kevin Minor and Andrew Taylor*

19. Wireless Probes for Science Department Chromebooks, (Grades 9-12), South (\$3,945)

Using Bluetooth technology, these probes allow all South Science teachers and students to interface with Chromebooks, in projects such as lab data gathering and creative inquiries. *Submitted by John Theisen*

20. Explore Learning Gizmos, (Grades 6-8), Brownell (\$2,850)

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 at Brownell, where students have been enthusiastically using this program. *Submitted by Mark Sonnenberg*

21. 3D Printers for the Art Department, (Grade 6-8), Parcels and Pierce (\$5,443)

This grant provides two 3D printers, 3 laptops and a rolling cart to the Art Departments at Parcels and Pierce to fulfill the new middle school art curriculum. It involves the STEAM experience allowing all art students to be innovative and maximize their potential. Brownell Middle School already has this technology. *Submitted by Amber Mades and Jane Plieth*



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22. Graphing Calculators, (Grades 7-8), Pierce (\$5,110)

This grant purchases a classroom set of graphing calculators to be used by Math students who are currently using outdated, aging equipment. Recent technology allows for a higher screen resolution and cost saving rechargeable batteries. *Submitted by Jackie Claeys*

23. Grosse Pointe Learning Network (Grades Pre-K to 12), All Schools (\$1,000)

This district-wide professional development initiative (gpLN) provides meaningful learning opportunities for all district employees and interested community members. This is a network designed to link educators across the district and content area, to allow them to enhance instruction and learn new skills. *Submitted by Taylor Barczyk, Dona Johnson-Beach, Elizabeth Lulis and Jodie Randazzo*