



**FEF Innovative Grant Selections
2019-2020**

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Project	Title: <i>Technology to Enhance Instruction and Engage Learners Through Learning Sciences</i>	Location	Grade/Subject Area	Applicant	Amount Requested	Rubric Score
1	Continuing Construction of an Atomic Force Microscope	FHS	Grades 7-12/Science, Math & Coding 4-6 students involved in construction 100 students will use in research class	Vincent Pereira, Rich Johnson, Louis Inzerilli	\$2,500	32
2	iPad Pro for Art Department-Students will learn to actualize their creative solutions to proposed design challenges using the latest technology available for aesthetic and functional purposes.	FHS	Grades 9-12/Art 1500 students	Thomas Alma, Casey Levine	\$2,712	30
3	Skills Intervention through Tutoring and Mentoring- Using Automatic Computer-Aided-Design with a mentoring component with the technology curriculum to help students not performing at proficiency in math but who are skilled in technology.	Dodd	Grade 8/Math & Technology 20-25 students	Tyrone Bennett, Chris Nappi	\$2,472	32
4	Entrepreneurs: Discovering Food Truck Business- Help students exercise their entrepreneurial muscle and learn what it takes to turn an idea into a potentially profitable business or product.	Dodd	Grade 7/ FACS & Grade 8/Health 120 students every quarter	Dawney Sun, Andrew Kroell	\$2,534	30



5	Coding for the 21 st Century Learner-Create a platform for students to learn different scripts of coding and apply knowledge to create coded programs that can align to the curriculum in other disciplines.	Atkinson	Grade 6/STEM & Humanities 550 students	Dan Reardon	\$6,000	27
6	Technology Lit Club-Focus on Reading Comprehension integrated with social studies and science content to personalize each learning experience while supporting and empowering struggling readers.	New Visions	Grade 3/ELA 20 students	Laurie Trujillo Laura Lund	\$2,507	28
7	Lighting Up Science- The LED light tablets and manipulatives will give students a place for more free interaction with materials from many science and math areas, allowing the children to discover phenomena on their own.	Giblyn	Kindergarten/STEM 72 students	Eileen Moloney, Frances Jonza, Gilbert Hernandez	\$2,035	27
8	Lights, Camera, Green Screen-Students will use Green Screen technology, and corresponding equipment and apps to provide students with ways to discover and cultivate their creativity with project-based learning, use of expression, while promoting 21 st century skills.	Bayview	Grade 1/Science, Technology & ELA 50 students	Kristin Jones-Thom, Nicole Pecora	\$2,382	32
9	I Do! You Do! We Do 2.0- Using LEGO bricks, standards-aligned activities, and an intuitive block-based coding environment, teachers will bring interactive, creative learning to their classroom.	Bayview	Grades 2-4/STEM 20 students	Mary Garguilo, Nicole Pecora	\$1,980	30
10	Digital Sign for Education-students research,	Archer	Grade 4/All subject areas 120	Michele Nicholas,	\$1,619	30



	explore, write, and present school and local/world news using a digital sign.		students Grades K-3 will have access	Debbie Bergen		
11	Fostering Innovative Creative Play-students will work together in small groups during non-instructional recess using Giant Game Equipment including Connect 4, Checkers, Jenga, and Snakes and Ladders.	Archer	Grades K-4/all subject areas 550 students (whole school)	Allison McKeon, Brooke McKenna	\$2,200	28
12	Keep It Simple Machines!-Students will use LEGO bricks and creative activities to make interactive, exploration-based learning easier.	Columbus	Kindergarten/STEM 20 students	Alma Rocha, Nicole Pecora	\$1,650	29
13	Makerspace to Promote Science Inquiry- Exploring their own interests, students will design, experiment, build and invent as they engage in science, engineering and tinkering.	Columbus, Archer Bayview, Giblyn, New Visions	Grades K-2/Science 1500 students	Vincent Pereira, Patricia Arenas, Donna Rusinek, Michelle Stanziale, Michael DeGennaro, Eileen Moloney	\$2,500	27
14	Dance Domain for FSD-Dance Club for students and adults, Summer Academy rehearsals, and to develop more dance programs and dance PDs where our community can learn to move and be in unison with one another.	Districtwide	Grades K-12/Professional Development Dance 200 students	Amanda Rodriguez	\$2,393	31
15	Bringing Science and Writing Together- Incorporating the main facets of literacy, students in the science classroom will explore and discover using Book Creator to document and share their learning.	Districtwide	Grades K-12/Cross-Curricular	Nicole Pecora	\$5,000	29
16	Athletic Beautification Project-	FHS	Grades 9-12	Jonathan Bloom	\$6,835	14



	FHS Softball Scoreboard with logo to be hung on the exterior of FHS behind the home team bench.					
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2019-20 Total of 16 Selected Applications

\$47,319