



FUNDED PROJECTS FOR 2018-19

Falmouth High School Continuing Projects

Ekphrasis 2018- Lauren Kenny (with Jane Baker)

Ekphrasis brings the experience of a piece of art to a reader through poetry. The grant, which FEF supported in 2016-17 and 2017-18, provides transportation and admission charges for a visit to the Isabella Stewart Gardner Museum. The staff will instruct students in the Visual Thinking Strategies technique (teachers.mam.org/.../teaching-with-art/visual-thinking-strategies-vts). The project culminates with a formal reception at which students present their written pieces.

Exploring Evolution at the Harvard Nat. Hist. Museum- Heather Goodwin

This grant, a replication of the very successful 2017-18 project, supports transportation and admission costs for a visit to the museum, where high school students will participate in an "Exploring Evolution" class. They will examine museum specimens and use scientific reasoning to explore evolutionary concepts, such as variation, inheritance, natural and artificial selection, that explain the biodiversity of life on Earth. After the trip, students will choose one concept or theme and create a hands-on activity or game for a specific grade level that will be played by various ages at the 2019 Science Fair.

Card Sharks- Jane Baker

This project, which began in 2008 and was funded again in 2015-16, involves student artwork reproduced on greeting cards which are then sold at various events in the Falmouth community. Each card has the artist's name and work title on the back, with a notation that the project is funded by the Falmouth Education Foundation. New artwork from recent FEF-funded projects will be added, and Eight Cousins Bookstore has agreed to house a stand of packaged cards for sale. The grant will be used for printing supplies, and proceeds from sales support the art program.

Falmouth High School New Projects

Farm to Table- Nancy Fitzgerald (with science, culinary, and Garden club colleagues)

This project begins a Farm to Table initiative at Falmouth High School, modeled on a successful program on Martha's Vineyard. Raised beds will be planted in the high school greenhouse. Science students will participate in landscaping and soil testing, and students from the pre-school and the Learning Center will plant seeds and monitor plants. Students who elect to, will participate in an after-school bee-keeping club run by a professional bee-keeper. Produce from the garden will be used in the culinary program. The grant will pay for bee-keeping and garden supplies.

Clay Tech- Corine Adams (with Graphics teacher)

This grant supports an innovative initiative that brings graphics and ceramics students together to design and create ceramic works. Design will be done utilizing 3D software; creation, through the use of PotterBot, a 3D clay printer. Working in collaborative groups, the technology students will share their knowledge of computer design, and the ceramics students will share their knowledge of the medium of clay. The project includes collaboration and exploration of the intersection of technology and art. Since the printer can reproduce designs many times, students can focus on making ceramic artwork (for example functional pieces, wall hangings, or an abstract sculptures) in multiples. The project culminates with a student exhibit at the Falmouth Library. The grant will pay for the PotterBot and related software, along with clay and glazes.

Spanish Exchange- Bill Mock

This grant will pay transportation costs to support the enhancement of the FHS 2018-19 exchange program with a high school in Spain. This exchange will adopt a theme, namely the respective communities' responses to the challenges of climate change. In addition to visiting traditional tourist sites, Spanish students and their American hosts will visit WHOI, MBL, and WHRC to learn about our community's commitment to environmental sustainability. FHS students, when in Spain, will learn about and visit theme-based sites in various cities, such as a wind farm and a water system canal site. Student teams will create final multi-media products that document their exploration of the theme.

Dionysia- Daria Kasparian (with Jane Baker)

Through the class reading of *Antigone*, students will learn about the ancient Greek Festival of Dionysius and the use of masks in the tragedies of Greek drama. Students will create masks, like the ones they will see at the Museum of Fine Arts; masks will be used as groups of students compose and perform original Greek-style tragedies. The performances culminate in a drama competition, in the style of the ancient Greeks. The grant will fund transportation and admission to the MFA, as well as art supplies.

Zoom In, Zoom Out - Jane Baker

FHS Art, Biology and English Students will read and hear lectures from professional naturalists. From these experiences, it is hoped, they will learn how to take note of their surroundings in the natural world. They will then go on field trips on the Cape and Nantucket to apply what they have learned to their creative writing, artwork and scientific notes. There will be a collaboration with students from Nantucket HS, and their work will be showcased together in a group show of artwork and writings. They will also compile a shared published book documenting the process. Grant money will fund stipends for naturalists, buses for field trips, and supplies for art show and book.

Improvisation- Kayla Peard

This grant will support five visits by professional musicians to the four high school ensembles. The visiting musicians will give master classes in improvisation and non-traditional music techniques. While jazz is built on improvisation, chamber ensembles and concert bands are traditionally built on reading what is on the sheet music. Working with the visiting teachers, students in all groups will have the unusual opportunity to experience the group cohesion and creativity offered by improvisation.

Romeo and Juliet in Boston- Sarah Cox

By funding transportation and admission costs, this grant will allow the entire freshman class to attend a performance of *Romeo and Juliet*, a 9th grade required text, at the Huntington Theater in Boston. The Huntington will provide a free pre-

show visit at FHS, a curriculum guide specific to this production, and an after-show discussion of the play and the performance. Shakespeare is rarely performed at the Huntington, so this is an unusual opportunity for all 9th graders to see professional theater and to engage more deeply with the words on the page, as they experience them the way the playwright intended.

Lawrence School Continuing Projects

Can You Hear Me Now? - Barbara Blumberg (with team teachers)

This grant provides microphones for student use to complete the amplification systems funded by FEF in 2017-18. In a 2016-17 pilot, team teachers noticed that student engagement and attention increased for all students when teachers used a wireless amplification system designed for students with auditory processing deficits. In 2017-18, FEF funded four additional systems, so that each team classroom had a system of its own. The current grant will fund microphones for all seven of the team's classrooms, so that students can work on required presentation and discussion skills with the support of microphone amplification.

Lawrence Makerspace- Sarah Hines

With this grant, the Lawrence Makerspace will be able to add more technologies and supplies that can meet the needs of larger classes and groups. The library media teacher is particularly interested in continuing to collaborate with team teachers to enhance core academics, as she did with a math teacher this year.

Vernal Pools and Pollinator Gardens- Chris Brothers (with art, ceramics and engineering teachers)

This grant will support the expansion of the Lawrence School vernal pool, constructed in spring of 2017 and utilized extensively this school year by every science class. The vernal pools have provided a model for schools in Barnstable and Sandwich. The hope is that these "living laboratories" will develop over the next few years. 2018-19 efforts, funded by this grant, will focus on establishing a pollinator garden for butterflies and bees, installing a water line, demarcating garden borders, and adding educational signage. The 2018-19 plan also includes collaborations with studio art, ceramics, and engineering classes, as well as a "Pollinator Party", where local entomologists present mini-lessons to the Lawrence students.

8th Grade Shakespeare- Liz Liles (with 8th grade ELA teachers)

Teachers reported they were "thrilled with the outcome of the previous year's grant, including increases in student engagement and comprehension of the rigorous text." With the grant, they will bring Shakespeare and Company back to the school to perform *A Midsummer Night's Dream* and to work with students. Teachers will further develop the "Shakes-Off", a cross-team performance competition which will be judged by school faculty and staff, and they will schedule the competition so it can be attended by community people and parents.

Lawrence School New Projects

Bridge Program- Tom Bushy

This Bridge Program helps students transitioning back to school from medical- or mental health-related absences. It has been successfully implemented at FHS, and Lawrence School, recognizing a similar need, wishes to replicate the program at grades 7-8. The grant will pay for training and ongoing first-year support from BRYT (Bridge for Resilient Youth in Transition), based at Brookline Community Mental Health Center, a network of school-based, innovative programs that

address the needs of students re-entering school after absences due to serious mental health conditions or medical illness.

Building Blitz- Bob Porto

The purpose of the grant is to purchase materials for the 8th grade Engineering program's Building Blitz project. Through this project, which combines engineering and community service, students working in small groups use their problem-solving, design, and construction skills to fulfill requests from town-wide organizations. Past examples are display kiosks, park benches, bike racks, and musical instrument stands. This grant will allow the Blitz to expand, accepting more building requests and developing a greater variety of projects that are aligned with community needs and more advanced student skills.

Companion Texts- Liz Liles (with Krista Hennessey)

This grant supports the purchase of companion texts, which align with grades 7 and 8 ELA core curriculum books. Students will choose a text from five or six options and work in literature circle groups to read and discuss how their chosen text connects to the class core reading, looking to analyze how both texts help us to better understand themes and questions of our modern world. The project will also be increasing options for student choice not only in what content they study but in what activities they complete and what assessments they create. The companion texts will better represent the diversity in the student body and the modern world.

TLC Library- Sarah Hines

This grant allows the Lawrence Library Media Center to provide more equitable and inclusive reading options and space for all students. A small section of the library will be organized to hold high-interest/low-level reading materials to provide Learning Center students, students with significant cognitive delays, an opportunity to generalize their skills outside the classroom and discover age - and reading level - appropriate literature. The Library Media teacher's goal is to help LC students feel comfortable and welcomed in the library; she will provide library orientations and lessons in checking out books and researching information.

Morse Pond Continuing Projects

Personalizing the Learning Environment w/ Dynamic Seating- Kerri Whipple

Last year's fully-funded grant allowed Morse Pond to expand a successful pilot into three grade 5 and three grade 6 classrooms. Through tracking of student engagement and behavior, the grantee learned that students' use of a "dynamic learning environment" has increased awareness of their own learning styles in order to improve attention, and it has decreased off-task behaviors. This grant will be used to expand the use of dynamic seating; the grantee, as building assistant principal, will distribute to classrooms in need. Results, including surveys, logs, and achievement data, will be tracked.

Morse Pond New Projects

Empowering English Learners through Civics- Christine Nicholson (with K-12 ELL teachers)

This grant provides transportation and books appropriate for K-12 students, so that English Language Learners K-12 can increase their understanding of state and local government. Teachers will create and implement civics-based lesson plans, and students will travel to local sites to observe government in action. The project will culminate with student presentations.

North Falmouth Elementary Continuing Projects

Makerspace Expansion- Kristin Bergeron

This grantee says that use of Makerspace has "exceeded my expectations" and has expanded into an after-school club. This grant will continue to provide opportunities to enhance the Makerspace through the purchase of additional supplies. Students will have access to more non-tech hands on engineering and building materials, arts and crafts supplies, and additional STEAM and Makerspace-related books.

North Falmouth Elementary New Projects

Student Art Gallery- Kathryn Sodaitis

In an effort to raise awareness and excitement among staff, children, and parents about the art program, this project seeks to create an art gallery of framed student art in and around the school's office. The gallery will honor selected students by displaying their artwork in more formal areas other than on the traditional bulletin boards. The grant will be used for printing in full size color and framing. The artwork will be changed every year.

Vulnerabilities- Nancy McGee

In this project 30 regular ed and special ed students with ADHD and other attentional and self-regulation issues, will be involved in the exercise intervention program. Funding will be used to buy 30 pedometers, which will record the duration of their exercise, total number of steps, steps per minute and number and intensity of workouts. Research suggests that non-pharmacological, physical exercise intervention is increasing student participation and on-task behavior. Similar interventions are being used at other district elementary schools.

Teaticket Elementary New Projects

Story Exploration with Second Graders- Jody Kirincich (with grade 2 teachers)

This grant supports a project that experiments with how students access literacy in order to improve fluency, comprehension, and writing skills. Teachers will create a personalized learning environment for reading and writing using digital story models such as RAZ Kids on iPads, which includes a variety of literature set at students' own reading levels. Students will be able to hear fluent models and then practice and record themselves reading and responding to the text. In addition, students will use the Book Creator application to create and publish their own digital books.

Renewal of Elementary Curling- Carrie Shanahan (with elementary PE teachers)

This grant will help support the renewal of the Falmouth Public Schools' elementary curling program, in which all students in the four elementary schools participate. One teacher described this as his favorite unit, as students' success doesn't depend on innate athletic ability or past experience. The program teaches basic curling skills, rules, and terminology and includes school-wide play-offs which lead to a district-wide "bonspiel." FEF's share of the project will pay for new equipment for the schools and transportation for a field trip to the curling club.

Mullen Hall Elementary Continuing Projects

Fourth Grade Reading Olympics- Lilia Davis (with 4th grade teachers)

This grant, which was last funded in 2016-17, provides funds for the purchase of books for 4th graders to participate in the "Battle of the Books". Students engage in literary conversations with peers in other 4th grade classes as they compete in Reading Olympics. In 2016-17, more than 40 students met the goal of reading 15 books and won a prize.

Mullen Hall Elementary New Projects

Disability Awareness Lending Library- Ann Marie landoli

This grant will fund a lending library of carefully-selected books depicting a wide range of characters with special needs. This valuable resource for students, parents, and teachers, can be integrated into lesson plans and will be available for individual students and families, and those new to the school. These resources will promote empathy and understanding and will enrich the school environment.

Taking a Bite Out of the Makerspace- Meghan Andersen

With materials purchased with this grant, the Mullen Hall Makerspace will be expanded to include activities geared to Kindergarten, first, and second grade students. Students will have the opportunity to invent, create, and problem-solve, using both technological and non-technological materials. In addition to promoting creativity, persistence, and problem-solving skills, Makerspaces activities can help students meet the state standards in Digital Literacy, Computer Science, and STEM. spaces.makerspace.com

East Falmouth Elementary Continuing Projects

21st Century Classroom- Jill Meserve

A Twenty-first century classroom is designed to create learning through collaboration and meeting the essential needs of all students. The seating being requested in this continuing grant will add to the flexible seating model which allows them to wobble, rock, bounce, lean, or stand and will add one more facet-pedal. The addition of the pedal desk, stability balls, disc seats, and boomer bounce seat will allow students to choose where they work best. It also allows them to change their location and position as needed.

Making It Up: Expanding Our Makerspace- Tara Draper

This teacher says about her Makerspace, "On a daily basis I have been able to watch students gain confidence, independence, new knowledge, patience, and the ability to teach their peers, all the while challenging themselves and creating new ways to innovate, make, learn, and explore." The grant will supplement Makerspace materials, specifically for K-2 students, that will stimulate innovative thinking and spatial reasoning and provide more opportunities to learn coding concepts.

East Falmouth Elementary School New Projects

Bringing Technology Into the Speech Room – Lisa Willcox

This project will bring iPad Mini 4s and various speech-language iPad applications into the speech classroom to work with students in small groups and in individual therapy sessions to improve their attention to task, provide immediate

feedback, and motivate them to work toward achieving their goals. Many of the requested apps also track student progress, making assessment and planning more data-driven.

Surround Yourself with the Classics- Tara Draper

While new books are popular with elementary school students, they shy away from many of the older, well-loved but well-worn classic children's classics. This grant will enable the library to purchase new, fresh copies of the classics. The project also includes an introduction to the new books and three "Book Tasting" events to further encourage students to explore the classics.

Baroque to Folk: Recorders- Korey Charles

Recorders are used in 3rd and 4th classrooms around the world. While the most common one is the soprano, recorders come in all sizes which add more sound layers to the songs. The \$1120 granted will buy 144 various recorders – soprano (sopranino), alto and tenor. Students will learn how to perform base lines and harmonies to children's folk songs and simple baroque style melodies.

STEAM'n Through Second Grade- Tracy Chorches (with grade 2 teachers)

This grant requested a variety of technological and non-technological materials for use in second grade classes. The teachers have been doing STEM projects throughout the year using materials shared among all the classrooms in the school. While the school does have various forms of technology and STEM materials to share, these grade 2 teachers hope to expand and make more frequent use of resources within their own classrooms to continue their STEM programming and add the arts, to make STEAM.

VIPS Continuing Projects

*Supporting Student Development Through Girls' Circle and Work It Out! for Boys-*Tracey Crago

This grant supports the continuation of Girls Circle, a partnership between VIPS and Falmouth Human Services and a new program for boys called Work It Out!, partnering with Advanced Performance Training. The Girls Circle program, which promotes self-confidence, personal strength and communication skills has been very successful since its start in 2009. The boys program focuses on personal strength, teamwork and respect through physical activity. Both are offered at Morse Pond for 5th and 6th grade. Grant money will be used for a program coordinator, updating curricula and supplies, formalizing the boys program and training facilitators.