

AFEE Spring 2015 Approved Grants

The following grants were approved at the Spring 2015 AFEE board meeting for the 2015-2016 school year:

Brookside AFEE Grants <i>(Over \$133,500 in funding was approved)</i>	Hillside AFEE Grants <i>(Over \$19,000 in funding was approved)</i>
<p>Morris Museum Loan Program (5th grade – Social Studies & Science): The Museum Loan Program offers teachers the ability to borrow from the Morris Museum in Morristown, NJ more than 1,400 portable boxed exhibits containing hands-on objects and interpretive materials that relate to subjects in the arts, sciences, history, and humanities. Artifacts, models, charts, reproductions of artwork, science experiments, classroom activities, and mounted specimens such as mammals, birds, and insects will enhance students' classroom learning experience in social studies and science.</p>	<p>Introduction to Engineering (Kindergarten): This Engineering Program trains and teaches teachers how to teach STEM (Science, Technology, Engineering and Math). Engineering and Technology have recently been added as a 4th core discipline after earth, life and physical science. This program will challenge students to think innovatively and creatively in answering problems that are tied into the current curriculum as well as the next generation science standards.</p>
<p>Author Visit (5th-8th grade): The Allendale School District emphasizes the importance of the writing process in our lives. Having an author visit gives the children an opportunity to meet and engage with someone who makes their living by writing. Author visits help students understand the writing process from the perspective of a successful author. The children are given the chance to meet the author of a book they have read and in turn a special connection between the reader and the author is formed. Michael Northrop, the author of several novels for young adults, including the Tomb Quest Series, will give students in grades 5 through 8 insight into ways that they can come up with ideas for writing. As well as the writing and editing process and how ideas take shape.</p>	<p>Rainforest Butterflies Program (2nd grade): This program enriches and extends the current 2nd grade butterfly science unit. Students will be given a presentation by an explorer/naturalist on butterflies. They will observe spectacular displays of tropical rainforest butterflies and moths, many collected by the presenter during his numerous expeditions. Students will learn about the differences between butterflies and moths, insect body parts, predation, camouflage, life cycle and other biological topics and concepts.</p>
<p>Law Adventure (6th-8th grade): This grant will enable students to participate in a statewide "Law Adventure Competition" through the NJ State Bar Foundation. Participants from the 6th, 7th and 8th grades will develop and argue a trial case. Law Adventure will stimulate and encourage a deeper understanding of the law and our justice system.</p>	<p>John Fell House History Tour (3rd grade): The NJ Militia-Heard's Brigade will perform a reenactment of the arrest of John Fell to make the past come alive for students. The presentation will include reenactors dressed in period costume with muskets and drums. This grant will enhance the current history tour of the John Fell home and property and how it relates to Allendale and New Jersey history.</p>
<p>MusicFirst (4th-8th grade band members): This program will provide access to software for both students and parents of students who participate in the instrumental music program. The software is accessible from anywhere. Accessing this information will enable individuals to track the progress that a student is making in band and in turn will help improve performance, practice and participation.</p>	<p>Limits Do Not Define You (K-8th grade): This anti-bullying assembly will be performed by Mighty Mike. He will use a basketball to convey his message of "Bounce Out The Stigma" for atypical and unique children present in our community. Ideally the message will resonate with the students for the remainder of their lives.</p>

<p>Legos (6th-8th grade): This program will enable Brookside the ability to fund a science and technology extracurricular activity. The mission of the Lego League is to inspire young people to be science and technology leaders by engaging them in exciting programs that build science, engineering and technology skills. Over 290,000 students are expected to compete. Each team will have 10 students. Each team will design, assemble and program a robot to the challenge of the current year's theme.</p>	<p>Theater Week (2nd-3rd grade): The Theater Week program introduces students to performing arts. Performing arts have been shown to benefit students' physical development, intrapersonal skills, artistic development, mental development, and interpersonal skills. Anecdotal reporting shows that performing arts also allows a multi-sensory experience where children learn time management, commitment to a project, the establishment of goals and a sense of achievement. Self-confidence is often boosted and communication skills increased as a result of theater education.</p>
<p>Creative Workshops (4th grade): This program will allow students to develop creativity in the classroom. A rolling cart full of activities, projects, and how-to's will allow students to learn independently and within small groups. The stations will focus on developing and enhancing creativity in Math, Science and Fine Arts.</p>	<p>Lenape Indian Presentation Assembly (3rd grade): This interactive and hands-on assembly teaches students about traditional Lenape foods, clothing, shelter and how they were obtained. It is an extension to the social studies curriculum in studying Allendale's past and present, the state of New Jersey, and how the Lenape life shaped the place in which we live now.</p>
<p>Educational Learning Center (4th-8th grade): The funding of this project will transform the current library at Brookside into an Educational Learning Center. Revamping the current structure of the library and its physical appearance will change the students' educational experience tremendously. The room will become a place where students will have the academic freedom to work individually or in small groups. The project will touch all aspects of grades 4th through 8th curriculum that the students are learning. The Educational Learning Center will also incorporate a STEM Center.</p>	<p>Birds of Prey (3rd grade): Students will have the opportunity to witness 15-20 birds of prey from diverse habitats during a live presentation. This program supports and enhances our school's Wetlands/Birds unit of study.</p>
<p>Vernier Projectile Launcher (8th grade): Physics is a large part of the 8th grade science program. Students will be able to investigate important physics concepts regarding speed and velocity. The launcher will help students to understand Newton's Laws of motion.</p>	<p>High Touch High Tech – Weather or Not (1st grade): Kids will become a scientist and learn about the weather by doing actual experiments in the classroom. They will take an "up close" and hands-on look at a real tornado. Students will also discover all the amazing properties of air and air pressure, make thunder and touch lightning!</p> <hr/> <p>Colonial Life Interactive Theatre (2nd grade): The second grade students will participate in this performance of colonial life and allow them to star as folks in a village. The program focuses on a day in the life of an indentured servant. This will enrich and enhance the second graders study of colonial life and demonstrate the differences between the 18th and 21st centuries.</p> <hr/> <p>Sounds Like Fun (2nd grade): The High Touch High Tech program delivers a 90 minute, in school science field trip that transforms the classroom into a Living Laboratory! Kids become scientists and learn by doing the actual experiments.</p> <hr/> <p>Penguins (K): This program will help students write Non-Fiction Text. The students will learn how to gather facts and information from several different sources. The sources will include books, videos, websites and experts from Jenkinson's Aquarium who will bring a LIVE penguin and use a hands-on, interactive approach to teach our students about Penguin biology, geography, care and feeding and conservation.</p>

	<p>Reading Pen (Special Ed 2nd-3rd grade): This tool will lessen the amount of time that it takes for the Special Ed students to find a word's meaning. The pen would encourage students not to skip over words but to read, pronounce and understand them.</p>
	<p>Earth Balloon (2nd grade): Earth Balloon is a 20' diameter model of the earth. It is an inflatable globe made up of a high resolution satellite image with true to earth colors. Assemblies of 30 students at a time will be conducted. 12 classes per day will view the earth balloon with a facilitator provided by Earth Adventure. Students will see the earth in its entirety inside the globe.</p>
	<p>Animals & Habitats (1st grade): This assembly is an extension of the 1st grade writing and science curriculum. Outragehiss Pets will conduct the program and show students animals and discuss habitats of the rain forests and deserts.</p>
	<p>Perfection of Wheels (1st-8th grade): This assembly is a BMX stunt bike presentation performed by athletes. The presentation teaches respect and assists in instilling key values in the students' lives. Respect, accountability and kindness are the key points in this anti-bullying assembly. The Perfection on Wheels Bicycle Stunt Team has a zero-tolerance policy when it comes to bullying.</p>