Cape Cod Five's 18th Annual Educational Mini-Grants Awards Reception



Barnstable Community Horace Mann Charter Public School

Amanda Rogers
Jumping into Social Studies and Science

Students will benefit from hands-on materials that will enhance the science and social studies curriculum, promoting higherlevel thinking skills, inspiring creative thinking and creating a multi-sensory classroom environment to meet the needs of all students.



Barnstable Community Horace Mann Charter Public School

Patrice Michael & Kelly White Upcycled Trashed Books and Book Pages



This project will encourage students to get excited about books by collecting discarded books, reading the pages for inspiration and then creating as a group an art project using the pages. Students will learn collaboration, advance their reading skills and utilize their creativity.



Barnstable High School

Beth Anderson & David Gorrill Individual Student DNA Analysis

Students will have the opportunity to extract, isolate and analyze their own individual DNA sequences while learning about DNA. This will increase student engagement as they learn about how each student's individual DNA sequences vary.

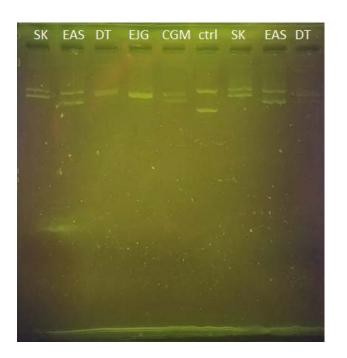


2017 Highlight Individual Student DNA Analysis

Beth Anderson & David Gorrill

Barnstable High School







Cape Cod Collaborative (Bourne)

Melissa Bissonnette Good Catch

This project will introduce, teach and help students fall in love with a positive activity, fishing. Students will learn fishing rules and regulations, equipment and species identification in addition to learning practical skills like baiting, casting, knottying, measuring and cleaning.



Cape Cod Collaborative (Bourne)

Kimberly Gainey (McArdle) Growing A Business

Students will participate in this cross-curriculum project, where they will grow herbs in the classroom and develop and execute a model business plan for processing, packaging and distribution of the agricultural products.



Cape Cod Collaborative (Osterville)

Christine Dailey More Little Books for Big Readers

The goal of this project is to create a school library of leveled books for early readers with special needs for use at school and at home, providing the opportunity for students to read books that are "just right" for them. This will allow students to learn to read increasingly more difficult books, promoting the ability to read independently.

Cape Cod Collaborative (Osterville)

Patrice Fraser Reading on the Go

This project will provide additional reading opportunities to students with language-based reading disabilities by providing books that students can take home to practice reading with family, mentors and friends, increasing fluency and comprehension skills and promoting reading literacy.



Cape Cod Lighthouse Charter School

Mary Marvullo
Alcohol Awareness

This project will provide 7th and 8th graders with a program about alcohol and other drug abuse prevention, presented by a theater company of young professional actors who are in long-term recovery. Students will have the opportunity to talk about this issue in advisory groups in addition to being provided tools and resources to help combat this issue.

Cape Cod Lighthouse Charter School

Deborah Greenwood Making Movement with Art – A Mobile Workshop

Students will combine art, physics, math and teamwork to interpret the theme of movement using color and shape and then create pieces for mobiles using art supplies, working cooperatively with the class to balance the pieces. The mobiles will be displayed in the school for all to enjoy.



Chilmark Middle School

Susan Stevens Community Lunch



The community lunch will bring together students, parents, teachers and local visitors to share a meal together. Students will learn about local and healthy foods in addition to learning manners at the table, including staying seated during the meal, waiting for others before starting to eat and having conversations with adults during the meal.

Dennis-Yarmouth Regional High School

Julia Sigalovsky First Time at DYRHS – Advanced Placement Chemistry Course

Students will have the opportunity to take an Advanced Placement Chemistry course for the first time to gain exposure to college-level chemistry. This will present opportunities for students to learn advanced lab skills and expand their college and professional career options.

Dennis-Yarmouth Regional High School

Dale Fornoff & Lisa Fedy
The Tassle is Worth the Hassle

The goal of this project is to create a culture of continuing education and promoting graduation amongst younger students. Graduating high school seniors will march to the neighboring elementary school to celebrate their graduation with younger students, promoting long-term excitement and reducing the drop-out rate.

East Falmouth

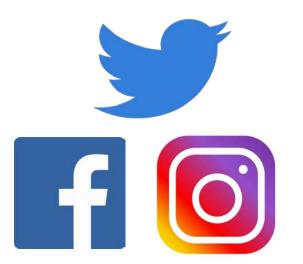
Lisa Willcox Bringing Technology into the Speech Classroom

Technology will be used to enhance speech therapy by providing an alternative to traditional therapy approaches. The use of an iPad and applications will motivate and excite students, increasing their attention to the task while meeting their varied speech and language goals.



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Eastham Elementary School

Maggie Brown Kid Coders and Engineers

Using creativity and innovation, students will design, engineer and create a solution to a problem using literature as a basis. This project will increase collaboration and problem-solving skills, promoting the ability to generate multiple solutions to basic problems.



Eddy Elementary

Elizabeth Andac Eddy Elementary Culinary Club

This project will provide an after-school enrichment club where students are introduced to the basics of cooking, including reading a recipe, measuring, mixing and baking with a partner. Students will develop skills beyond baking, such as cooperation, teamwork, problem solving and responsibility.



Eddy Elementary

Elizabeth Andac Kids Are Crafting



The goal of this project is to provide students with an afterschool activity where they will learn sewing and knitting, providing an opportunity to relax and connect with other students. Students will develop pride in their ability to create something with their own hands for themselves and others.



Eddy Elementary

Allyson Joy, Barbara Doucette, Carol Rubin & Oona Melanson Let's Get Moving!

This project will provide the opportunity for students to participate in a series of fun, after-school physical activities, helping students stay in shape, feel more confident, be alert and stay motivated in school. Activities will include hoola hoop, games, yoga, pilates and dance.

Falmouth High School

Donna Dickerson Graphic Writing Tablets

Students will have the ability to use graphic writing tablets to write out math formulas and equations and show work in real-time, improving the teacher's ability to provide feedback in real-time and assist students mid-work.



Forestdale Elementary School

Joanne Saunders Cape Cod Brochure

Students will create a printed brochure based on their research of landforms of Cape Cod, a map of geological features, local plants and animals and Cape Cod's balanced ecosystems, advancing the students' learning of science and social studies while being actively engaged with the local community.



Forestdale Elementary School

Lisa Fox 3D Printer for Digital Art

The goal of this project is to provide the opportunity for students to create 3D digital art designs and then have a real-life model printed. This will promote creativity and innovation by allowing students to see the end result of the design process from developing an idea to creating a prototype.



Carol Fiocco Morning Snack Exchange

This project will promote healthy eating habits by providing students who come to school without a snack or with a snack of questionable nutritional value with a nutritionally-dense snack. Students will also have the ability to exchange a snack to try something new to further encourage healthy eating.



Franchesca Jorgensen & Laura Morris Mosaic Mirrors

Students will learn about area and perimeter and then apply their knowledge in a hands-on way by making mosaic tile mirrors, demonstrating their understanding with a real-life art piece.





Kate Serafini Pickle Ball

This project will introduce the racket sport Pickle Ball to students by teaching paddle skills, basic game rules and game play with teams, providing students with a fun, competitive team sport that will help keep them healthy and active.



Donna Chase Sensory Solutions for Sensitive Students

Students will benefit from using sensory solutions and tools in the classroom to promote self-regulation, improve focus and increase participation. Sensory tools will support the various sensory needs of students, helping to increase the number of inclusive hours for learning.



Hyannis West Elementary School

Gaile Nolan Cape Cod Maritime STEM Program

The goal of this project is to teach students about climate, meteorology and the Cape Cod peninsula's unique weather patterns in addition to how wind direction and speed can affect erosion. Students will gain exposure to the unique maritime culture of Cape Cod, increasing their understanding of the environment in which they live.

Kenneth C. Coombs School

Kim Palmer & Amanda Hough Passing the Technology Torch from High School to Kindergarten

High school students will inspire students at the elementary school to use technology by creating their own robot or light-up artwork. The younger students will benefit from hands-on learning and guidance by the high school students, who will benefit by building their confidence in using technology.

Tiffany Van Mooy Art Studio Stools

The goal of this project is to replace the existing chairs in the 7th grade art studio with stools to increase physical space and freedom of movement. The stools will also allow the use of color theory as part of the classroom.

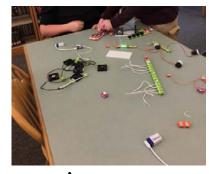


Bob Porto Bike Repair Apprentice Workshop

This project will promote a strong cycling culture by providing materials to enhance bike repair workshops held after school throughout the year. Students will learn how to repair and maintain their own bike with several students being trained as apprentices to assist others as the program grows.



Sarah Hines Coding in the Lawrence Makerspace



Students will benefit from an enhanced coding repertoire available in the school's makerspace, where students can invent, create and tinker in groups or independently. Challenges will be held with the new supplies where students must use STEM objectives and critical thinking skills to complete obstacles using coding.

Robin Bowerman Round-the-Room Algebra

Students will learn and apply Algebra using easel-sized portable whiteboards to practice new concepts, apply concepts to problem-solving and present their results to their peers, allowing students to move around the classroom to participate in multiple sets of problems and improve presentation skills.



Marguerite E. Small Elementary

Susan Gubbins, Carol Conway, Suzanne Ferreira, Beth Hollister & Nancy Timoney 'Just Me and My Dad' Camp-Out

This project will create a night out for fathers and their preschool children to connect, create and bond over a pretend camping trip with tents, pretend campfires and a bedtime story. The night out will provide a welcoming environment for fathers and create lasting positive family relationships.



Youth & Education Donation Advisory Committee

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John P. Farrell

Jo-Ann M. LeMoine

Robert A. Maffei

Julie P. Richmond

Sarah Ruder

Judy Walden Scarafile

Patti Smith



Martha's Vineyard Regional High School

Brooke Ditchfield
Costumes for Musical Theater Performance

The goal of this project is to enhance the theater program by augmenting the costume department for use in current and future productions, allowing more opportunities for creative growth and exploration to all students.



Martha's Vineyard Regional High School

Michael Tinus MVRHS Bowling Club

Students will have the opportunity to learn the basic principles of bowling, including scoring, how to throw the ball and lane etiquette. Students will benefit by learning a lifelong sport, developing teamwork, exercising and utilizing math and geometry while playing.



Martha's Vineyard Regional High School

Bill Narkiewicz Pro Tools Audio

The goal of this project is to provide Pro Tools software that is used by commercial radio stations for students to process audio using a computer and the Cloud. Students will be able to learn this software, advancing their qualifications for work after graduation.



Mashpee High School

Anthony Chiuppi Audio Engineering

Students will learn the audio engineering process and will gain hands-on experience using equipment to record and manipulate sound as well as produce it through various mediums. This project will allow students to explore new career opportunities in audio engineering and benefit the school with new skills.



Mashpee High School

Amanda Hough
Exploring Electronics



Students will be introduced to electronics by exploring wearable electronics and electronic circuity during class and in the makerspace, increasing engagement among underrepresented populations of students in STEM and promoting creativity and the ability to work collaboratively.



Mattacheese Middle School

Regina Wood Levitating Model Trains

This project teaches students about forces and magnetism by making levitating trains. Students will use the engineer design process to design the track, draw diagrams and build model trains powered only by the forces of magnets, applying their knowledge of magnetic fields and seeing how it is used in a real-world situation.

Minot Forest

Lisa Ottaviano Minot Meditates!

The goal of this project is to teach and practice mindfulness and meditation with students using mindfulness glitter globes and meditation sessions, allowing students to improve their cognitive skills, social-emotional skills and well-being.



Minot Forest

Teresa DeFilippo
Tactile Coding with Makey Makey

Students will design video games and other coded projects, incorporating circuitry to manipulate the designs to solve realworld design challenges in an environment that fosters curiosity and creates vibrant learners.



Minot Forest

Rachel Kuklinski

WeDo Lego Innovation for Literacy through Science & Engineering

This project will provide differentiated instructional activities using Lego Education Kits to facilitate the development of students by aligning engineering and science with support in literacy skills through open-ended and hands-on activities.



Monomoy Regional High School

Kerri Robinson Best Buddies

The goal of this project is to provide a Best Buddies program, enabling students with special needs to be a part of a club where they are treated equally and will gain a friend for life. Students will grow and learn from each other through activities, including Special Olympics, dances, projects and weekly meetings.



Monomoy Regional Middle School

Michael Schaffer Sustaining and Protecting Our Local Estuaries

Students will learn about protecting water quality by creating a natural shellfish population that will filter water and remove excess nitrogen. This project will enable students to connect with community representatives, develop research and communication skills and learn how to analyze water quality.



2017 Highlight Sustaining and Protecting Our Local Estuaries

Michael Schaffer Monomoy Regional Middle School









Nauset Regional High School

Courtney Simpson Personal Genomics and Conservation Biology

This project will allow students to participate in two hands-on, inquiry-based learning activities in biotechnology. Students will experience current, real-world applications using personal genomics and conservation biology to hypothesize, analyze data, problem solve and draw conclusions through inquiry.



Nauset Regional High School

Amy Roberts Slo News in Spanish and French

Students will gain a global perspective in the classroom by participating in activities based on authentic text and audio. This project will provide authentic learning opportunities to increase engagement with the curriculum, proficiency and cultural awareness and perspective.



Nauset Regional Middle School

Greg Johnson Aquatic Mural/Cape Cod

The goal of this project is to create a realistic mural of aquatic life and local landmarks on the walls of the cafeteria, capturing the essence of Cape Cod's traditions of sea life and historical seashore character. Students will work collaboratively to decide the overall design, creating a pleasing environment for all of the students and faculty to enjoy.

Nauset Regional Middle School

Margaret Glennon
Podcasting to Preserve History

Students will produce short podcast episodes highlighting historical events from U.S. and local history. Students will develop skills in researching, writing, editing and production while working with a creative platform.



Nauset Regional Middle School

John Bonanni & Kristen Caira We Mean Business

This project will provide students with special needs the opportunity to develop functional math skills, social skills and life skills. Students will develop real-world math and social skills at local businesses through direct instruction and community integration.



Oak Ridge School

Shannon Bechard, Kristin MacDonald, Kara Black & Carli Smith

Positive Reflections

The goal of this project is to improve students' self-image by painting positive quotes and affirmations on the school's walls. Students will focus on the positive, thereby increasing self-esteem, kindness and confidence and improving social and emotional health.

Oak Ridge School

Linda Paltrineri HONK! Jr.

Students will learn creativity and performance skills as they prepare for the musical performance HONK! Jr., a story about self-discovery and celebrating being different. Students will learn songs, stage directions and performance skills and will develop community and trust within the group.



Oak Bluffs School

Jennifer Robinson Read. Think. Write.

This project will provide new, exciting reading materials to students that can be used in small groups to increase reading level, comprehension, fluency and critical thinking skills. Students will also write about the stories they read, extending their understanding.



Old Rochester Regional High School

Sheryl Briggs
South Coast G.R.I.T.

Students will experience the benefits of goal-setting, character development, adult mentoring and improved health by training for and completing the Providence Marathon. This project will provide the opportunity for incremental accomplishments and a supportive environment to build life-long positive habits.



2016 Highlight Mashpee Marathon Monday

Margaret Mitchell Kenneth C. Coombs School









Dawn Steber
Beginning Robotics for Elementary Students

Students will be introduced to beginning robotics and programming using a familiar Star Wars droid robotic component, increasing students' motivation to explore and experiment as they build, program and complete assignments using the engineering design process.



Carina Da Silva Building a Bilingual Library

The goal of this project is to build a multicultural/bilingual library, representing diverse cultures and languages to support bilingual students' literacy in their first language. This project will provide support to parents to help students maintain their first language and will build respect for different heritages.

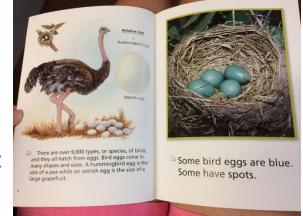


Kara Yuen & Lisa Chappel Literacy and Nutrition Curriculum Connection

This project will connect literature and nutrition through thematic displays in the cafeteria with books, decorations and activities featuring healthy eating and foods from different regions around the world. Students will gain an understanding of how literature and food are integrated, increasing their interest in reading and learning about food.

Anne Moronta, Martha Jenkins & Karen Frankel We Both Read Books

The goal of this project is to promote literacy at home with the use of leveled books that have one set of text for parents and another set of text for the student to read. This project will engage more families to read with their children at home, increasing motivation and improving reading levels.





Sarah Floyd, AnnMarie Ridings, Jennifer Ward & Deb Quinn

"Kids Cope Corner" – Resources to Support Social Emotional Learning

This project will provide materials to support social emotional learning, improving prosocial behaviors, student attitudes toward school and academic achievement while reducing depression and stress among students.



Heather Sivil
Dyslexie Library Tablets

Students with reading disabilities will be able to access books with the Dyslexie and OpenDyslexic fonts on an e-reader to encourage independent reading. Students will also be able to listen to books using audio, expanding student options and allowing emerging readers to use technology as a reading tool.



Jennifer Ward Nutrition Food Baskets

Students will learn about food groups and nutrition through the use of toys to provide a hands-on connection. This project will help students understand food groups, how each group provides nutrients and where food comes from in addition to providing an important step to a lifestyle of healthy food choices.



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Molly Henriksen-Rowland & Eva Sheehy Soup Bowls for Hunger

The goal of this project is for students to work collaboratively with a local potter to create soup bowls that will be donated to Soup Bowls for Hunger. Students will gain clay building skills, learn about the career of a potter and build character while feeling empowered to make a positive change in the community.



Provincetown Public Schools

Tracey Anderson Lego Club – Building the Town!

Students will work together to build scale models of important places in Provincetown, teaching creative observation and mathematical and engineering problem solving skills. This project will allow students to engage in peer-to-peer teaching and learn about history from community members.



Provincetown Public Schools

Nancy Flasher Observe and Inquire

This project will provide students with the opportunity to document the environment around them using cameras as they are immersed into a study of the dunes and dune shacks. Students will be able to reflect and communicate their findings and ideas with the use of photographs and video footage.





Sandwich High School

Amy Abbott Cultural Tour of Cape Cod and Neighboring Towns

This project will provide cultural experiences to students with intellectual disabilities, allowing them to acquire life skills through hands-on learning opportunities and community based instruction. Students will practice time management, planning and scheduling, using websites and maps and documenting trips through photographs and journals.

Sandwich STEM Academy

Renee Fudala Spadefoot Toad Headstarting Project

Students will raise and care for the spadefoot toad, an endangered species, experiencing the process of metamorphosis of the toads from eggs to tadpoles to adults. This project will spark a passion for science and discovery, instill respect for endangered species and make science accessible to a diverse student population.

Stony Brook Elementary

Carey Raimo Stony Brook Elementary Green Team

The goal of this project is to collaborate with community resources and educate students on the importance of recycling by having students actively participate in a school-wide recycling program to reduce the amount of waste produced on a daily basis.



Stony Brook Elementary

Emily Degnan, Jane Palazzolo & Kathleen Hannon The Read-Write Project

This project will provide students with hands-on instructional materials to increase their comprehension, accuracy, fluency and vocabulary, improving student achievement through engaging literacy experiences while developing independence and creating life-long readers.



Sturgis Charter School (East)

Eric Porteus, Lee Moynihan & Danielle Massey Books on Tape

Students who struggle with a variety of disabilities will be able to listen to educational texts using text-to-speech software, providing equal and appropriate access to texts. This project will enhance the ability for students with documented disabilities to understand written language and increase their independence.



Sturgis Charter School (East)

Stacey Strong
MATE Robotics

Students will learn about the field of marine technology by building a MATE Remotely Operated Vehicle (ROV). Students will learn how to solder a working circuit, create a 3D design and participate in building the MATE ROV while being exposed to the Cape's marine technology industry.



Sturgis Charter School (East)

Dia Prantis Pottery Club

The goal of this project is to introduce students to clay as an art form, providing the opportunity for students to make hand-built pieces using their own expressive styles. Students will learn the construction and alteration of ceramic forms, improving their technical skills and gaining confidence through guided practice and repetition.

Teaticket Elementary School

Maureen Dwyer, Ann Chicoine & Michelle Mokeler Grade Four Classroom Libraries

This project will replace books for the 4th grade classroom libraries, which were contaminated with asbestos and discarded for safety purposes. The new books will span different reading levels and interests, providing students with the opportunity to choose a book that suits their individual needs.



The Edgartown Elementary School

Teresa Temple & Kevin Casey
Accent on Focus

The goal of this project is to supply students with "wobble seats," allowing students to move as seated without distracting others. This type of flexible seating allows students to move while doing work, initiating focus and improving student attention and performance.



The Edgartown Elementary School

Janet Hurley
Lifting the Level of Literacy



This project will lift the level of students' literacy skills by pinpointing individual student reading levels and a class student reading level using a comprehensive system of assessment, helping students to choose "just right" books that they can read independently and enhance their reading growth.



The Edgartown Elementary School

Kiely Rigali On Cloud Nine

Students will enhance their math skills by using an intervention kit that is visual and hands-on either one-on-one or in small groups, allowing students with math disabilities to benefit from learning basic math skills so that they can have success in the real world.



Wareham Cooperative Jr./Sr. High School

Aislinn Weintraub STEM Learning Through Hands On Activities

The goal of this project is to use a low-stress medium to teach STEM skills and hands-on activities to build students' math and science knowledge base. This project will create an environment in which students become open to learning new information with increased confidence in math and science.



Wareham High School

Patrick Parks
Android Tablets

Students will use multi-purpose Android tablets in Physics, Chemistry and Computer Science Education for hands-on science lab activities and development of school-built mobile computing applications, allowing students to use wireless sensors in experiments and test code in real-time.



Wareham High School

Amy Dion & Tom Tricker Connected by Clay

High school students will teach 2nd graders about the properties of clay through the construction of a pinch pot. The high school students will learn how to present the techniques and process and serve as good role models while the younger students will be introduced to a new material.



2017 Highlight Connected by Clay

Amy Dion Wareham High School





Wareham High School

Monice Maurice
The Viking Career Closet



This project will create a professional clothing retail outlet where students will feel comfortable finding clothing for career and college interviews and school events at greatly reduced costs, allowing students who do not have the financial resources the ability to purchase professional attire, increasing their confidence and participation.

Wareham High School

John Flynn The Viking Times Newspaper Project

Students will create and produce a student-run school newspaper, working together as reporters and editors to determine the content and layout. Students will benefit from having a "voice" in the school, being informed about upcoming events and having the ability to review school performances and athletic competitions.

Wareham Middle School

Janice Barton & Jeffrey Egger Cranberry Bog Outdoor Classroom Compost Project

The goal of this project is to establish a composting system to support the school's sustainability and agribusiness curriculum. Students will research composting and what types of foods and materials can be composted and will use the engineering design process to decide which type of composting equipment and process would work best.

Wareham Middle School

Kristen Kelley Viking T-Shirts for Charity

Students will design and sell T-shirts to understand the process of buying and selling a product and making a profit. Students will learn to use math to solve real-world problems and make decisions using data. The profits will be donated to a charity, allowing students to participate in a community service activity.



2016 Highlight Creating, Designing and Building in Kindergarten

Mary Van Cleef & Barbara Noble Forestdale Elementary School







Wareham Middle School

Bonnie Lasorsa Whiteboard Walls

Using whiteboard paint, this project will turn the classroom wall into a dry erase board where students will be able to explore and try new ideas. The whiteboard wall will allow students to move around the room, collaborate with other students, be creative in solving their math problems and encourage them to write out problems to enhance precision and attention to detail.

Wellfleet Elementary School

Andrew Staker & Karen Pagano A Piece of Peace

The goal of this project is to provide art, music and social skills activities throughout the year to prepare for a school-wide peace parade. This project will help students develop more compassion, understanding of self and others, confidence and a sense of purpose and connection to the school and community.



West Tisbury School

Laura Edelman Health & Wellness at WTS

This project will provide materials for the new health and wellness class where students will be provided with skills and knowledge to make healthy choices. The comprehensive, skills-based health education curriculum will provide age-appropriate activities to address the major youth health risk behaviors, helping young people to live happier and healthier lives.

West Tisbury School

Lauren Keaney-Serpa Multicultural Cinderella Stories

The goal of this project is to create a multicultural library of Cinderella stories from around the world, introducing students to other cultures and teaching the value of diversity. Students will read the stories, create their own and then will compare and contrast the details and evaluate story plots.



West Villages Elementary School

Maggie Donahue & Mary-Beth Capobianco Patriot Symbols Come Alive

Kindergarten students will learn about well-known American symbols and will perform a play for their families, increasing their learning of U.S. history, including names of Presidents, patriotic songs and more.

