

BYRAM HILLS CSD



THANK YOU,



...for 25 years of supporting our children and programs!

A FOREWORD FROM DR. JEN LAMIA



The Byram Hills Education Foundation just celebrated 25 years of extraordinary work supporting the Byram Hills Central School District. The BHEF, consisting

of dedicated parent volunteers, continues to change the learning landscape for all children today. On behalf of the Byram Hills school community, I extend our gratitude with a photo brochure to commemorate the BHEF's remarkable contributions over the years.

When I came to Byram Hills as a middle school teacher in 1990, school operating budgets did not account for innovation in curriculum and instruction, staff development, technology, and changing student needs regarding the school environment.

Since then, Byram Hills has worked hard to construct school budgets aligned with the changing needs of our educational landscape, but it is also through the support of the BHEF that we have become one of the most innovative and renowned districts in the area.

Typical of all public schools, our tax base supports salaries and benefits, professional development, maintenance of facilities, and extracurricular and athletic opportunities for our children. It is difficult - if not impossible - for a school budget to support large-scale changes that have been the trademark of the BHEF, such as the 1:1 technology initiative, Library 2.0 (Coman Hill, Wampus and HCC), the Peaceful Playground and Indoor Playspace, Wellness for Life Initiative (with Stanford University), and smaller pilot programs that have become signature programs at Byram, such as robotics, 3D printers, green screens, E-books, and artists in residence.

Through the BHEF and donations from the Debra Leipman Yale Memorial Fund, Byram Hills educators provide our school community with a distinctive education that school budgets cannot provide alone. Please join me in thanking the BHEF and the generous families who have supported their work for 25 years.

Thank you,

A handwritten signature in orange ink that reads "Jen Lamia". The signature is written in a cursive, flowing style.

Dr. Jen Lamia, Superintendent of Schools

A look back at the last decade of BHEF and Debra Leipman Yale Memorial Fund Grants...

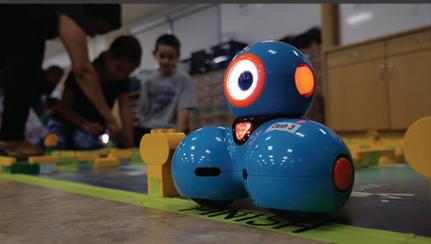
Library 2.0 Renovations - Coman Hill, Wampus, and HCC * STEAM Labs (4) * 1:1 Chromebooks * 21st Century Classroom Renovations * Solar Telescope * Vex Robotics Competitions * **Maker's Spaces** * Cubelet Education Robot Kits * Ecosystem Motion Cameras * Portable EEG for Science Research, Biology, Statistics, and Health Curriculum * **3D Printing and Engineering Design** * Media Technology for Physical Education * Vernier Data Systems for Physics, Applied Engineering, and other STEAM Applications * **Electronic Music Technology and Software for Guitar Electives Recording and Composition** * Mobile Apps and Programming Tablets for Computer Science Courses * E-readers; Dance Studio Technology * SuccessMaker Multimedia Program * Solar Powered Weather Station * Smart Document Cameras for math classes * **Arduino Microprocessor Kits for Computer Science, Physics, and Engineering** * Flexible Learning Spaces with LED Monitors, Language Learning Listening Stations, Whiteboard Spaces * Walls That Teach Murals * Place-Based Experiential Learning Navigation and Survey Tools * Ecosystem Study Cameras * **Stanford University Challenge Success** * Student Voice Circles * Professional Development and Parent Education Workshops * Wellness Day Keynote Speakers * CPR Instruction * **Social Skills Development Training** * Coman Hill Educational Playspace * Coman Hill Buddy Bench * Wampus Obstacle Course * Wampus Peaceful Playground * Bullying and Cyberbullying Assemblies * **HCC Wellness Center** * Physical Education Exercise Equipment * **Cognitive Behavior Therapy Training** * Social Skills Development Training * Physioballs for BHHS Health Classes * GAGA Ball * BHHS Wellness Den * Resident Artists Music Instruction * Photography Studio * Wampus Creative Arts Community Center * Teaching for Artistic Behavior Summer Institute * **Theater Stage Manager Stations** * Potterbot 3D Ceramic Printer * Mackie Digital Sound Mixer * SmartMusic Software * Hudson Valley Shakespeare Company Workshops * MacBook Pro for Digital Photography * Green-Screen Technology * HCC Band Conductor Workshops * NYU A Cappella Workshops * Art Therapy Classes * **Wolf Conservation Center Study** * Bruce Museum Nature to Life Trip * Storyworks Reading Program * National Geographic Reading Sets * Foundations Reading and Writing Program * **Professional Development for Global Competency Initiative** * Service Learning Exploration Professional Development * Windows on the World Library Collection, and more.

Thank you, BHEF, for 25 AMAZING years!



Library 2.0 Learning Space

The new library extends recent 21st Century learning grants and captures the power of media, technology and learning spaces. This grant integrates STEAM and Makers Spaces, updates presentation technology, utilizes active learning spaces, and connects the library and computer labs.



Have You Filled a Bucket Today?



Winner of Nine Awards!



A Guide to
Daily Happiness
for Kids

By Carol McCloud ... Illustrated David Messing

Auditorium Multimedia Technology

Advanced multimedia technology equipment for the Coman Hill gymnasium stage greatly enhances current school performances and various other faculty/community presentations.



The Buddy Bench

Students learn strategies and techniques if they are seeking a buddy or if they want to make a positive difference by being a buddy!



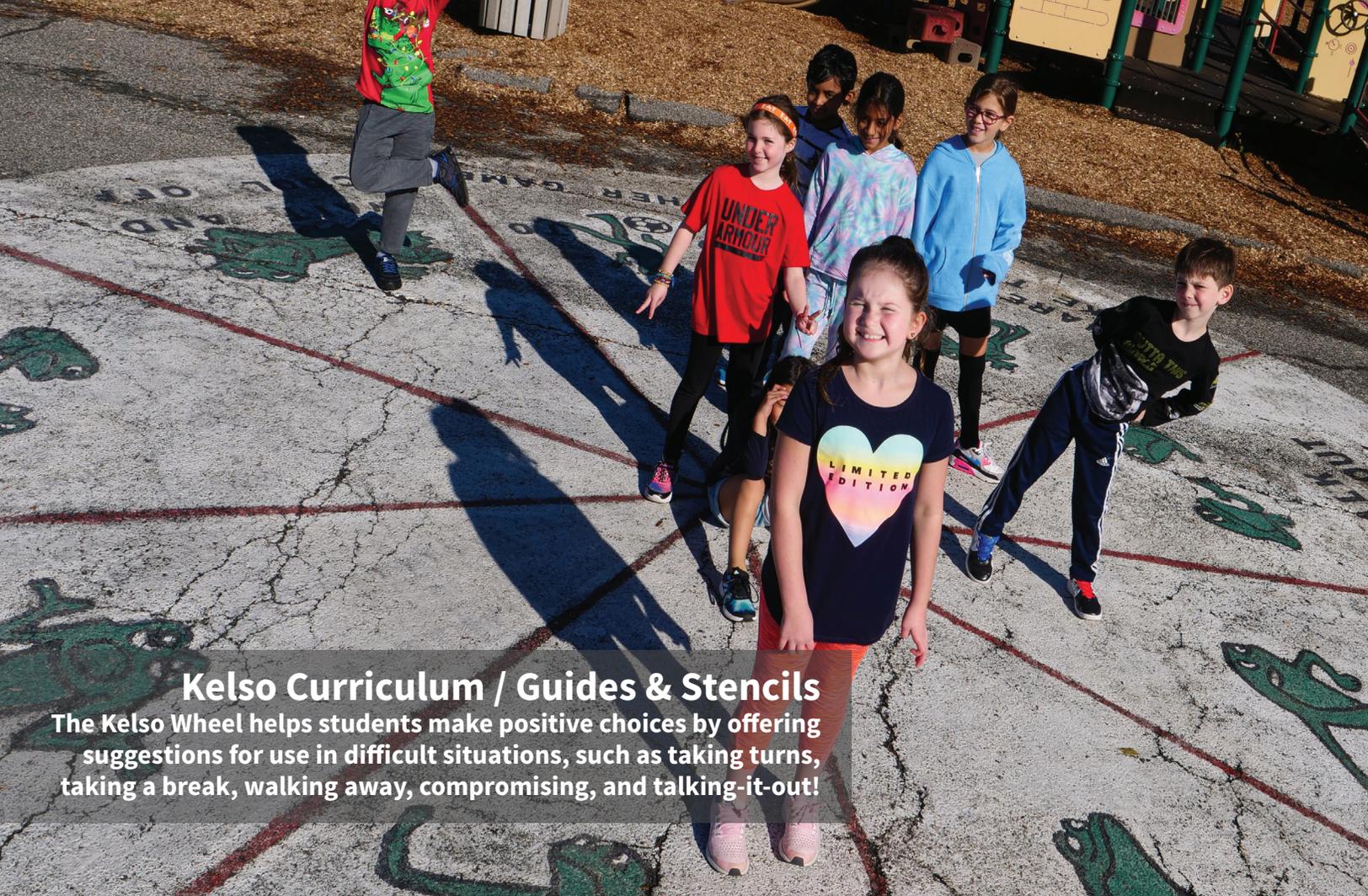
Walls That Teach

Students from each classroom work with a professional artist to brainstorm ideas and participate in the design and painting of curriculum-based murals which adorn the school hallways. The goal is to foster a sense of collaboration and community among all students, generate excitement and school pride, while creating beautiful, lasting works of art.



Mindful Learning / Wiggle While You Work

Students differentiate their learning environment, enabling them to fully engage in and access the curriculum in a way that best meets individual learning needs.



Kelso Curriculum / Guides & Stencils

The Kelso Wheel helps students make positive choices by offering suggestions for use in difficult situations, such as taking turns, taking a break, walking away, compromising, and talking-it-out!



Indoor Educational Playspace

The massive indoor Educational Playspace is used year-round to enhance skills such as collaboration, creativity and problem solving!



GAGA Ball Pit

The GAGA Dodge Ball Pit for the Wampus playground is for use during recess, FUEL and PE. GAGA enables students to develop strategic thinking along with agility, jumping, striking and dodging as part of this fun and interactive activity.



Obstacle Course

The obstacle course is an integral part of our physical education curriculum, supporting movement, individual and group challenge, and teamwork.



Peaceful Playground

The design is geared for students in grades 3-5 to maximize the number of students involved in physical activities. The program provides for several different games on blacktop utilizing balls, beanbags, and other items, which promotes physical exercise to minimize safety hazards. Nearly 100 activities can be done with the program.



Nature Trail

The Nature Trail extends the science curriculum by allowing our students to make observations in their outdoor environment. Students record temperatures, use the nature walks for narrative writing in their literature pieces, and connect to nature through the integrated social studies curriculum.



Believe in Your Shelf

Be The REASON Someone

LOG IN TO Destiny Discover

Book

eBook

Audio book

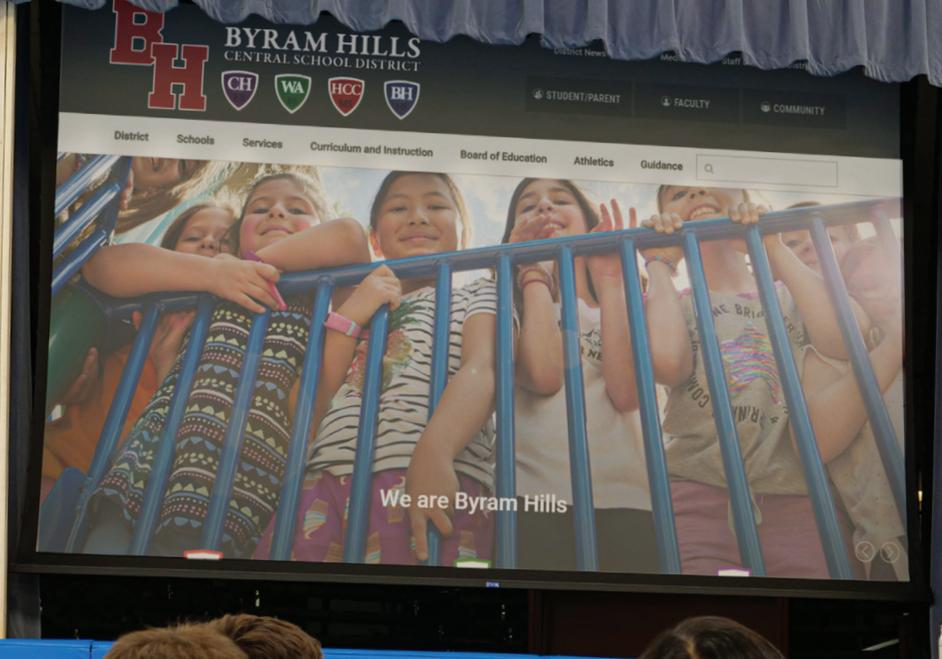
Historical Fiction

Realist Fiction

BYRAM HILLS
PUBLIC LIBRARY DISTRICT

Library 2.0 Learning Space

The Wampus library extends recent 21st Century learning grants and captures the power of media, technology and learning spaces. This grant integrates STEAM and Makers Spaces, updates presentation technology, utilizes active learning spaces, and connects the library and computer labs.



Multimedia Technology

This grant provides the Wampus cafeteria/stage area with the type of high quality multimedia/technology presentations that have become a regular part of the Byram Hills experience.



Creative Arts Community Center

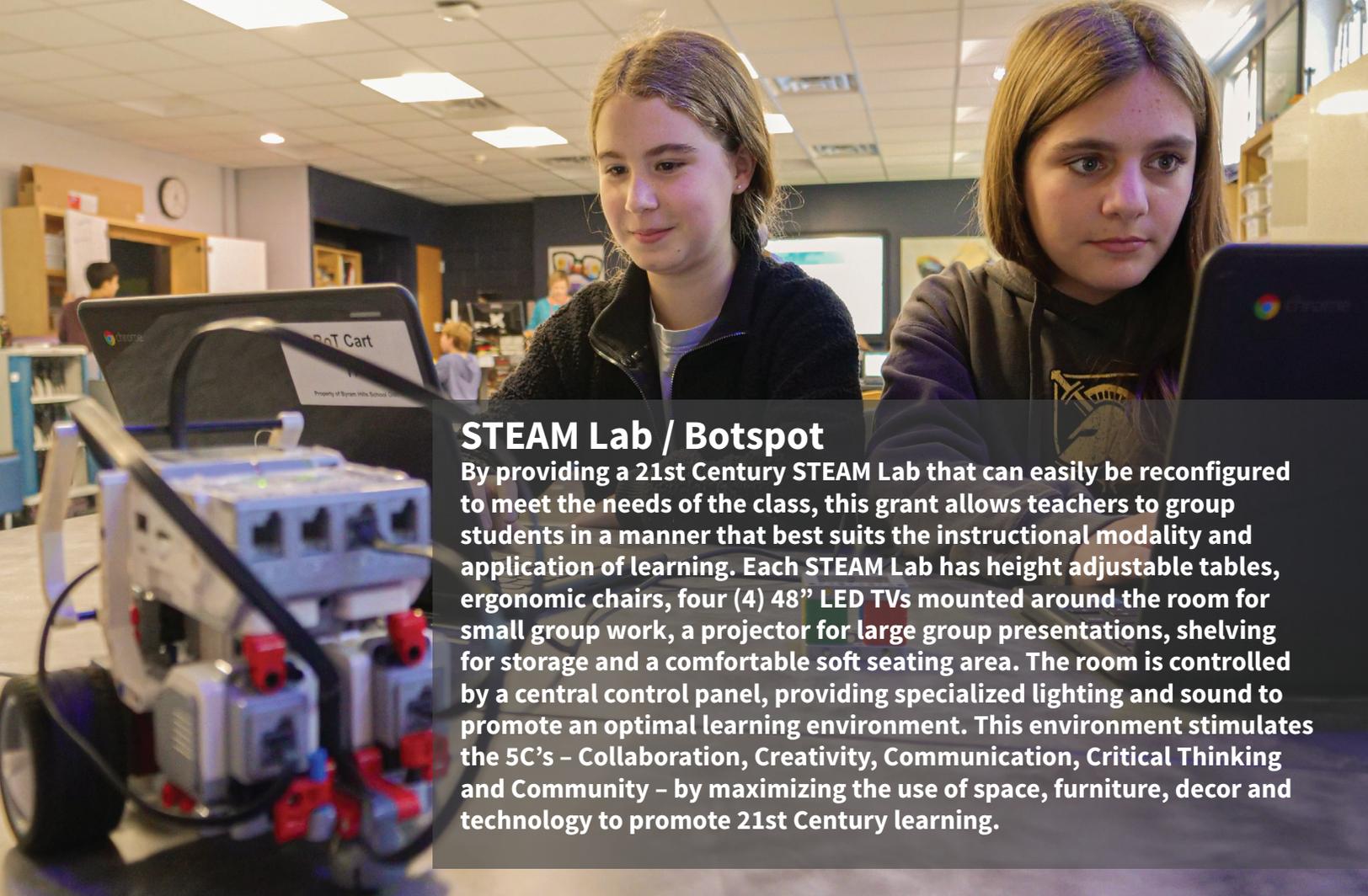
This grant supports an indoor and outdoor community space at Wampus that can be utilized by all grade levels, connecting two contemporary art studios to an outdoor space that will support student learning. This grant enhances the quality of the educational environment for students - the outdoor space serves as a classroom - and encourages community at all grade levels. The art spaces encourage students' passions and interests and support a re-definition of the art programs for elementary students. The art spaces also serve as the heart of the building for other classes to showcase their work for the school community.





Wellness Room

Part of the Wellness Initiative, this grant provides HCC students with a space that supports emotional and physical wellness where students can exercise, decompress, reflect, and recenter themselves.



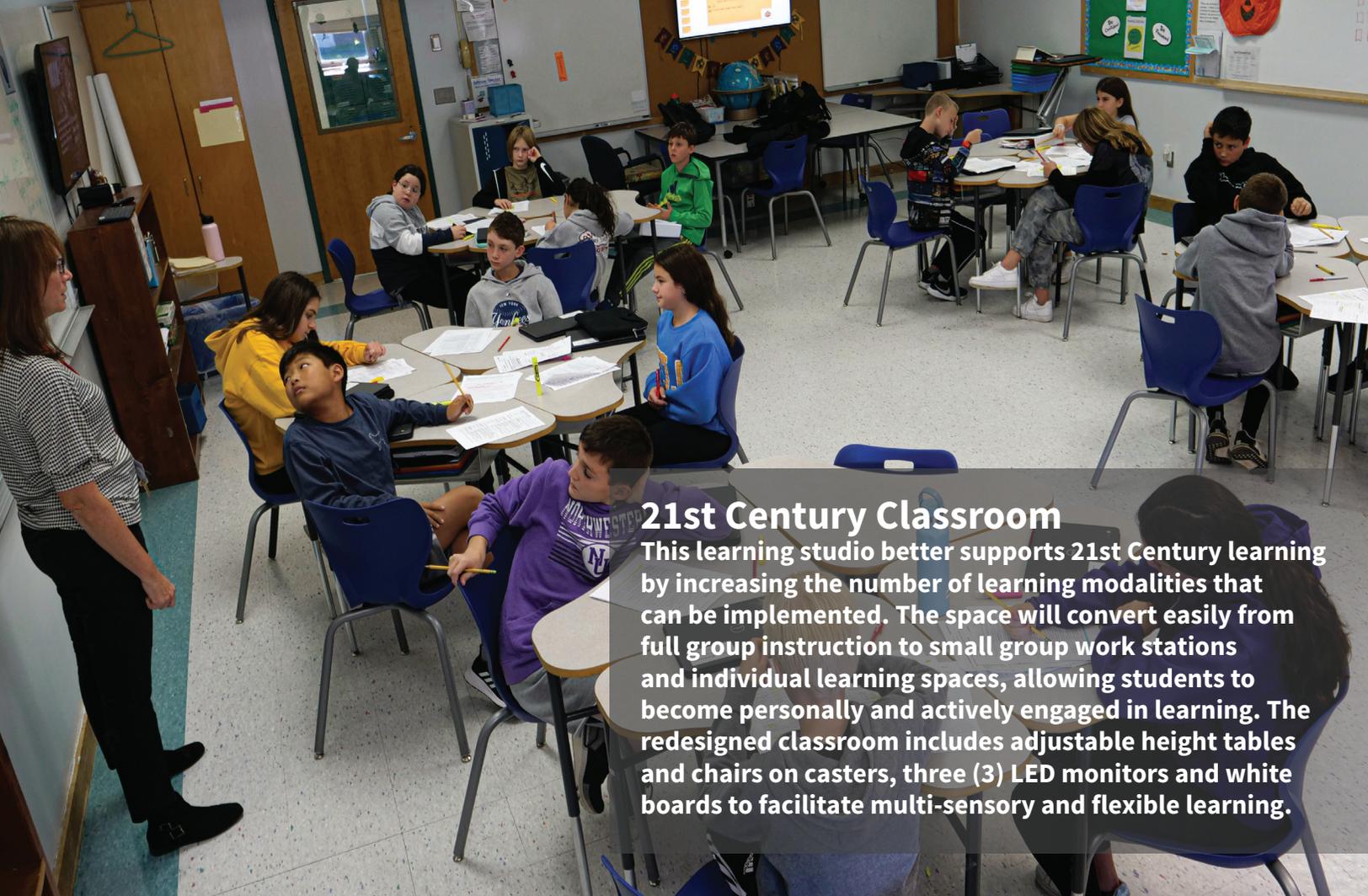
STEAM Lab / Botspot

By providing a 21st Century STEAM Lab that can easily be reconfigured to meet the needs of the class, this grant allows teachers to group students in a manner that best suits the instructional modality and application of learning. Each STEAM Lab has height adjustable tables, ergonomic chairs, four (4) 48" LED TVs mounted around the room for small group work, a projector for large group presentations, shelving for storage and a comfortable soft seating area. The room is controlled by a central control panel, providing specialized lighting and sound to promote an optimal learning environment. This environment stimulates the 5C's – Collaboration, Creativity, Communication, Critical Thinking and Community – by maximizing the use of space, furniture, decor and technology to promote 21st Century learning.



Library 2.0 Learning Space

The H. C. Crittenden library extends recent 21st Century learning grants and captures the power of media, technology and learning spaces. This grant integrates STEAM and Makers Spaces, updates presentation technology, utilizes active learning spaces, and connects the library and computer labs.



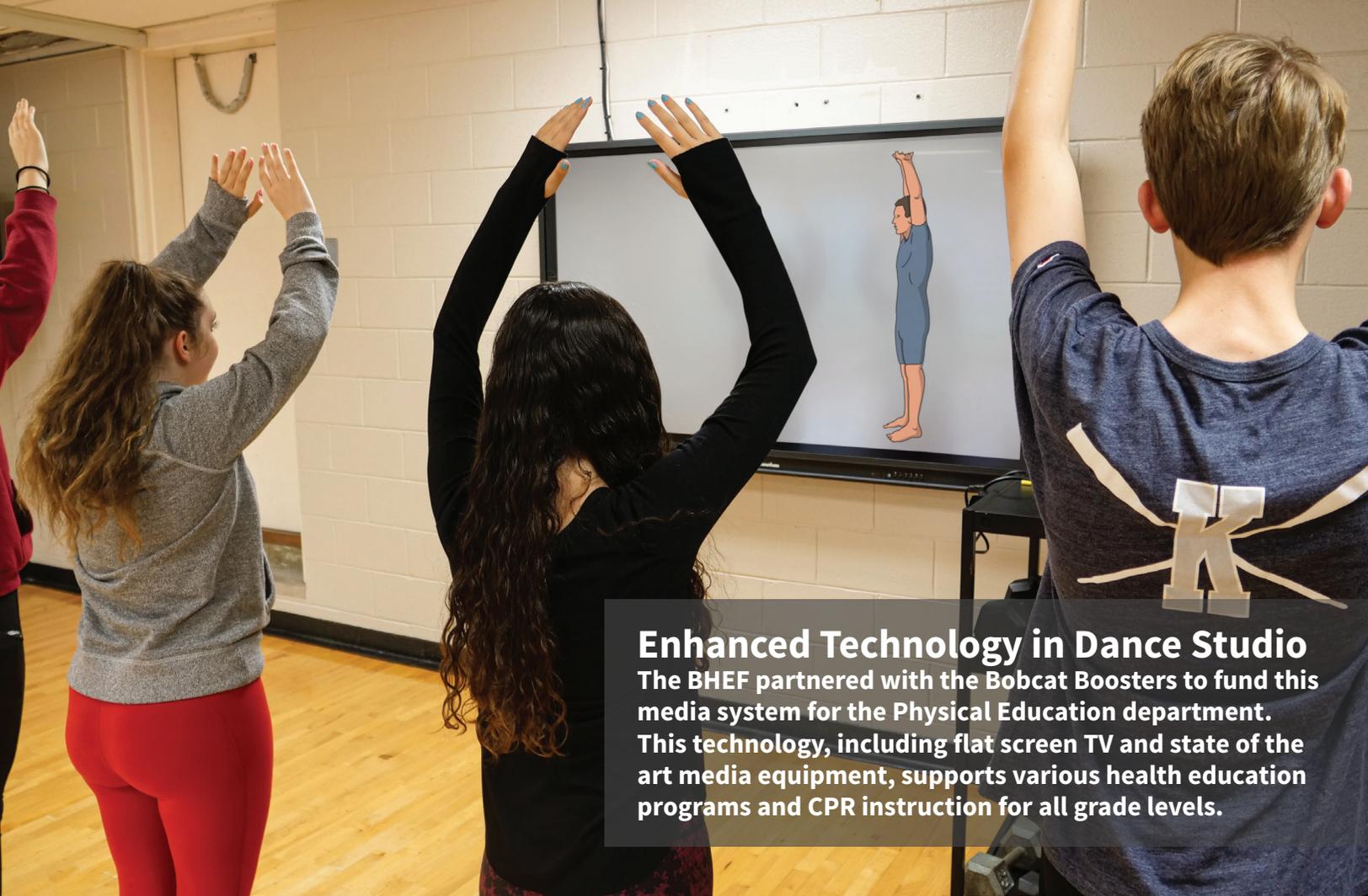
21st Century Classroom

This learning studio better supports 21st Century learning by increasing the number of learning modalities that can be implemented. The space will convert easily from full group instruction to small group work stations and individual learning spaces, allowing students to become personally and actively engaged in learning. The redesigned classroom includes adjustable height tables and chairs on casters, three (3) LED monitors and white boards to facilitate multi-sensory and flexible learning.



Room 420 Mac Lab

This grant provided a Mac computer update to a classroom devoted to filmmaking and art, enhancing productivity and creativity.



Enhanced Technology in Dance Studio

The BHEF partnered with the Bobcat Boosters to fund this media system for the Physical Education department. This technology, including flat screen TV and state of the art media equipment, supports various health education programs and CPR instruction for all grade levels.



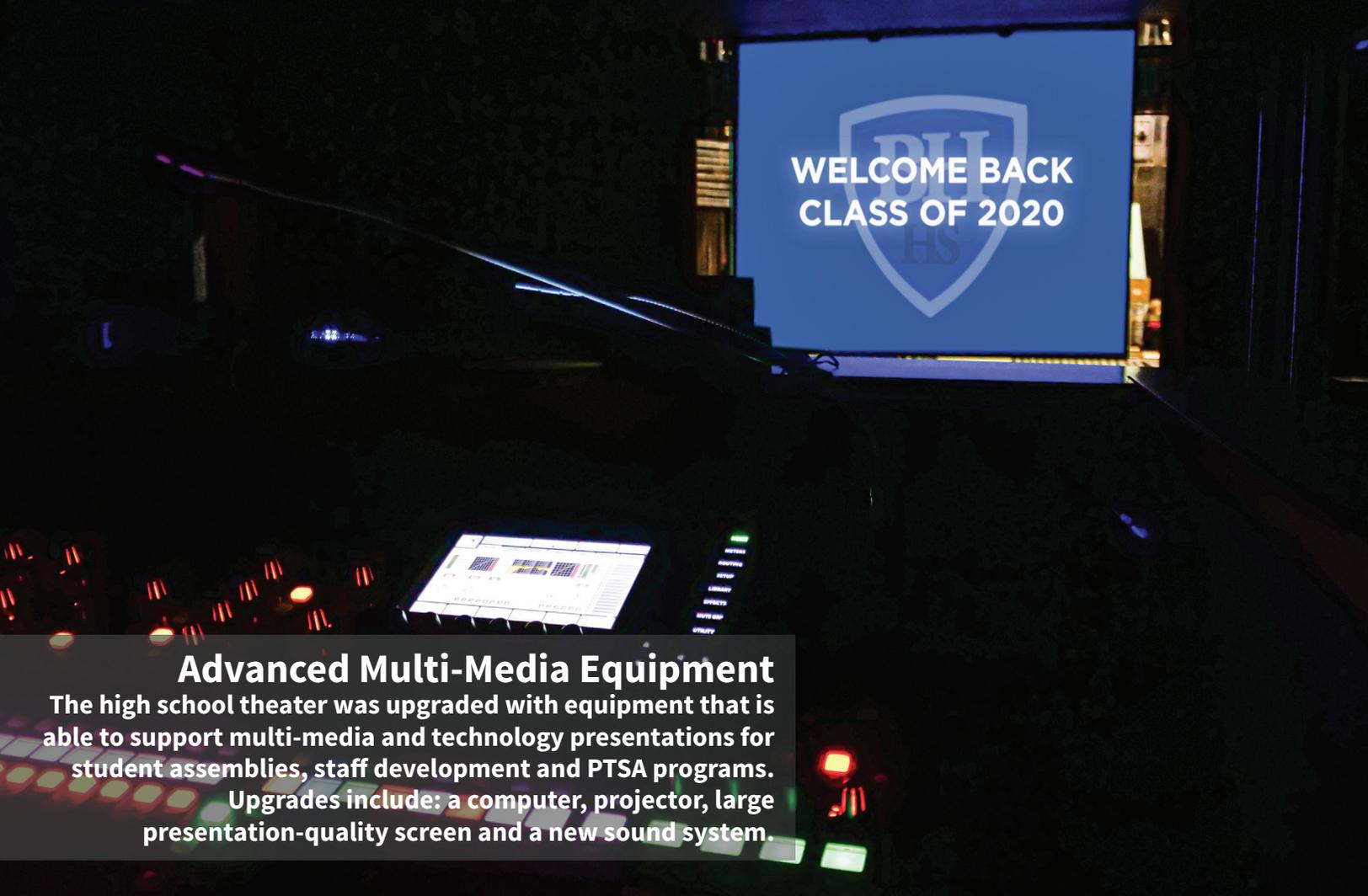
Physioballs

Students experience 'active sitting' which encourages students to stay alert while reducing fatigue throughout the day.



Wellness Den in the Library

Part of the Wellness Initiative, this grant provides BHHS students with a space that supports emotional wellness where students can decompress, reflect, and recenter themselves.

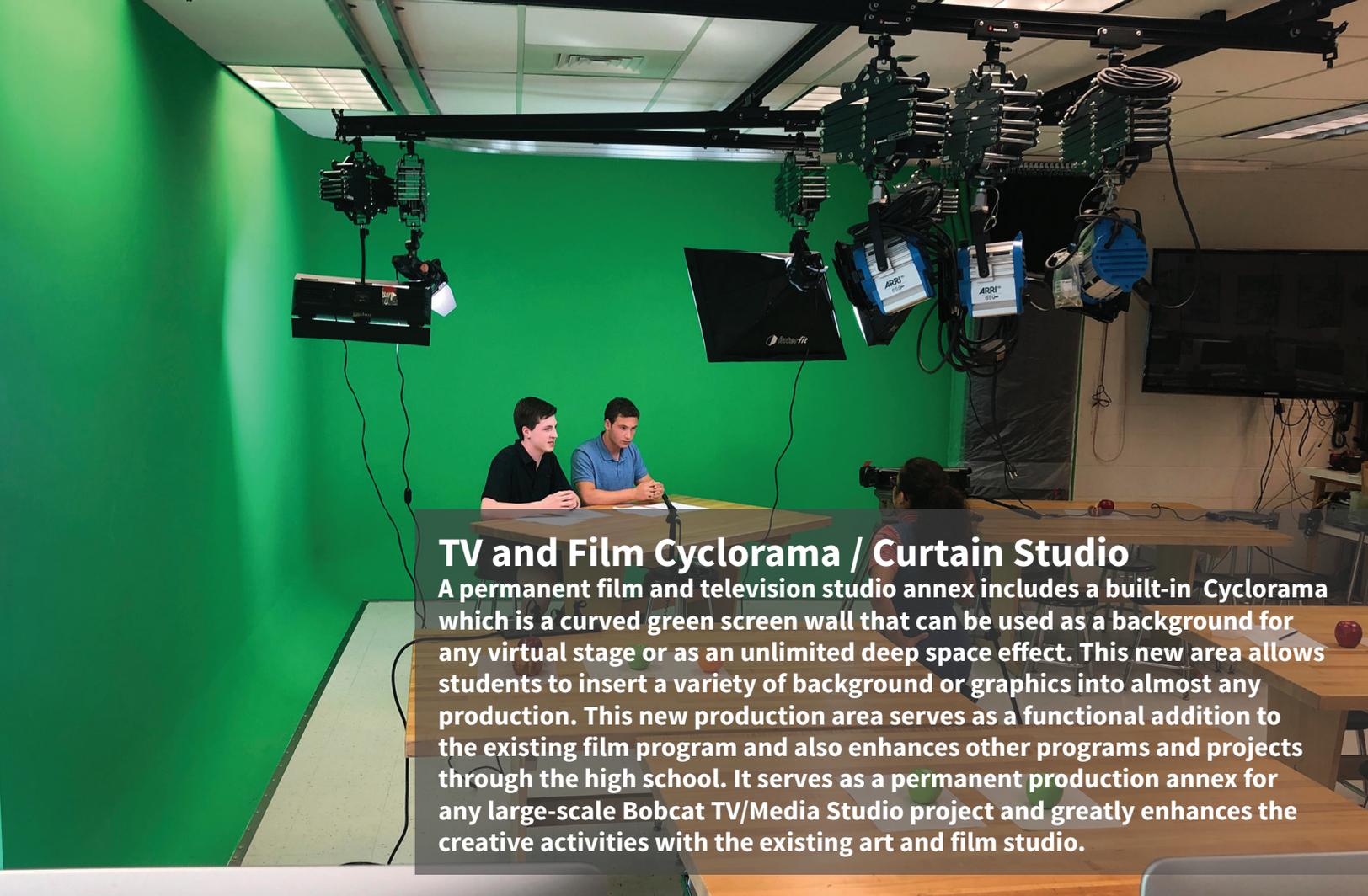


**WELCOME BACK
CLASS OF 2020**

Advanced Multi-Media Equipment

The high school theater was upgraded with equipment that is able to support multi-media and technology presentations for student assemblies, staff development and PTSA programs.

Upgrades include: a computer, projector, large presentation-quality screen and a new sound system.



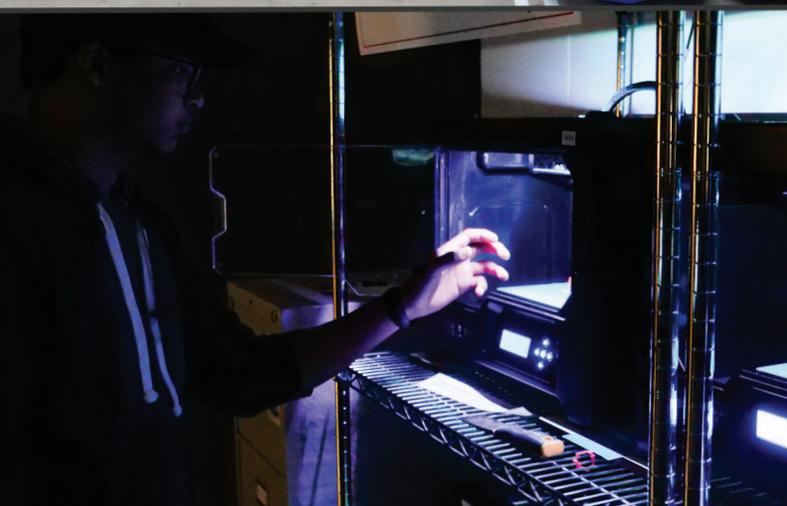
TV and Film Cyclorama / Curtain Studio

A permanent film and television studio annex includes a built-in Cyclorama which is a curved green screen wall that can be used as a background for any virtual stage or as an unlimited deep space effect. This new area allows students to insert a variety of background or graphics into almost any production. This new production area serves as a functional addition to the existing film program and also enhances other programs and projects through the high school. It serves as a permanent production annex for any large-scale Bobcat TV/Media Studio project and greatly enhances the creative activities with the existing art and film studio.



Makerspace Technology

By providing an advanced engineering component to the physics and design classes, this grant enhances a student's connection to abstract ideas, robotics, and engineering.



THANK YOU



BHEF