

Climate Literacy



1st Annual Climate Literacy Faire

Highlights from April, 2023 Events

- 300+ participated in the 1st Annual Climate Literacy Faire
- 350+ BHS 9th graders conducted a climate change mini-conference
- 6 elementary sites held Climate Marches and related climate literacy activities
- 5 elementary sites hosted Climate Resiliency Science Fairs
- 30 teachers and staff participated in the climate literacy kick-off

Learning & Leading

On 11/3/21 the BUSD Board of Education unanimously passed the Climate Literacy Resolution, which commits to graduating students who are well-versed in climate change science, issues, solutions and environmental justice as a civil rights issue. This year, 66 teachers and staff engaged in monthly meetings to plan climate lessons.

2022-23 Journey

August 2022

BUSD Climate Literacy Kick-Off

Oct 2022 / March 2023

Two BHS Community Organizing Trainings for students; 2 BHS students (invited by Rep. Barbara Lee) lobby in Washington D.C. for federal climate literacy funding

Septemeber 2022 - March 2023

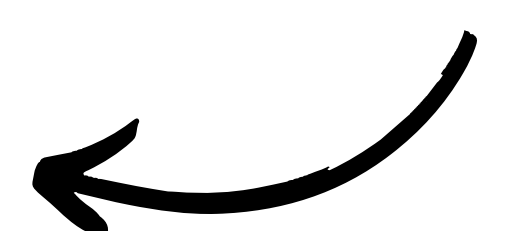
- Monthly meetings for K-5, 6-8, 9-12 teams to plan lessons and projects for Spring Showcases
- Establishing community partnerships

April 2023

First BHS Climate Showcase and First Annual BUSD Climate Faire



**Scan to
hear from
a student
leader**



Learn more www.berkeleyschools.net/climate-literacy/

Sustainability Program



Cragmont Elementary Miyawaki Forest Planting Day

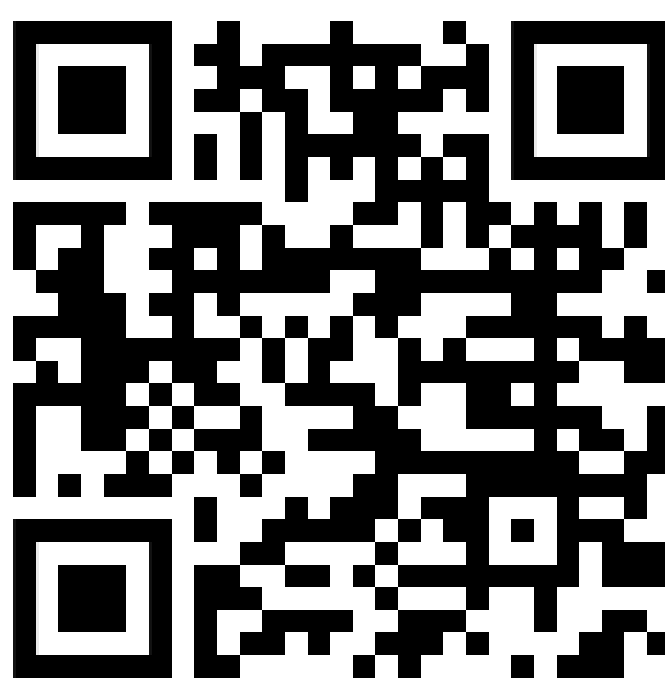
Encouraging Green Transportation

- The Alameda County Safe Routes to School Program celebrated the success of **Berkeley Arts Magnet** for winning the Golden Sneaker Contest. The contest encourages safe walking and biking to school with the goal of reducing congestion and harmful pollutants around schools.
- **770** students walked and **549** biked to school on Wednesday, October 12th for International Walk and Roll to School Day.
- **11** schools participated in the annual Bike to School Day.

Check out our
the Miyawaki
Forest video!



To learn more
about our program
visit



Reimagining Schoolyards at BUSD

One year after planting the **first three** Miyawaki schoolyard forests in the **country**, the community came together to plant a fourth micro-forest at Berkeley Technology Academy. In just two years we have planted approximately **4,000** native trees and plants!

Planting micro forests is intended to help combat climate change, provide habitat for native birds and insects, and be used as an educational tool. BUSD students will have the opportunity to take care of the forests, measure tree growth, and observe the organisms that will make the forests their home.

2022-23 Achievements

August 2022

Formalized a partnership with UC Berkeley to host a College Corps fellow for 10 hours a week.

September-May

K-12 students participate in SR2S events such as Bike to School Day, Walk and Roll to School Day, and the Golden Sneaker Contest.

October 2022

60 custodians attended a 1 hour zero waste training as part of the District's PD Day.

November 2022

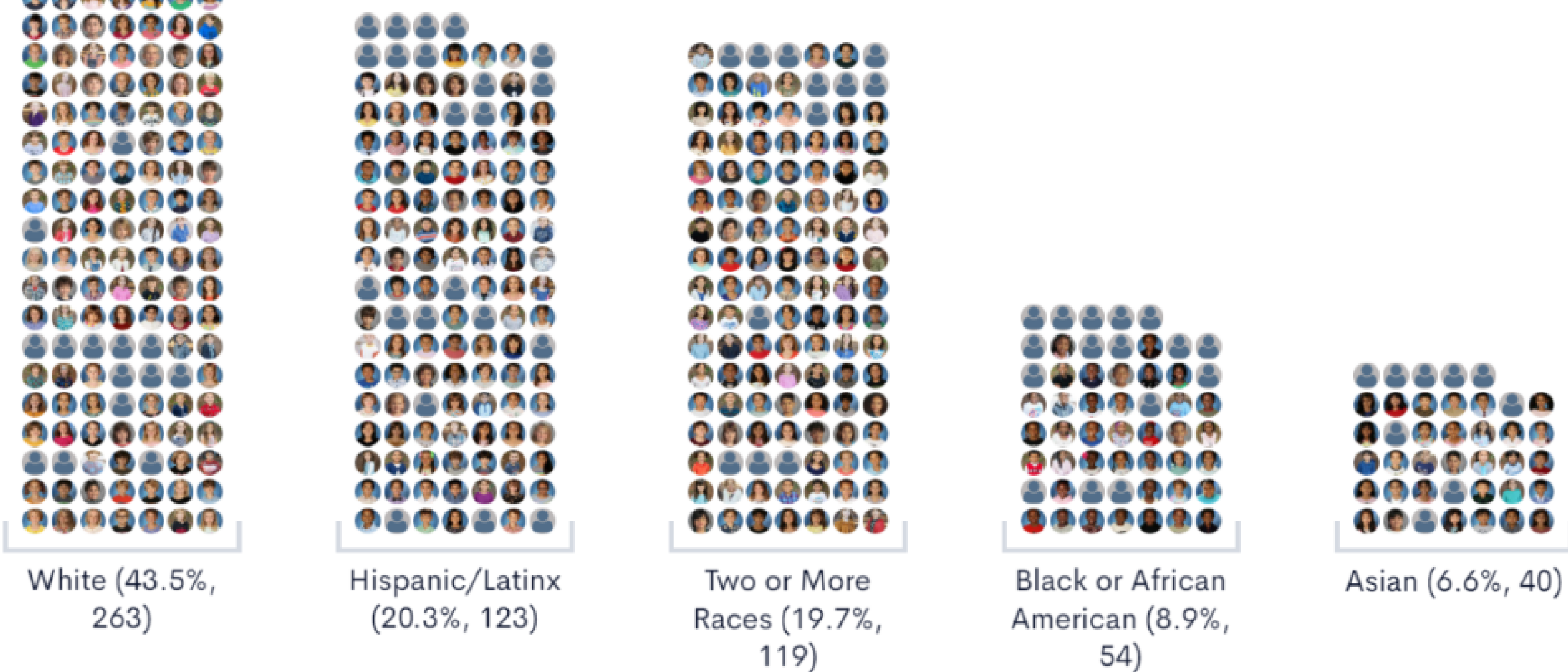
A Miyawaki forest was planted at Berkeley Technology Academy and Berkeley Independent Study.

April 2023

Opening of Reuse Center to prevent gently used teaching and student materials from ending up in the landfill.



1st grade by Race/Ethnicity



Making Data Visible

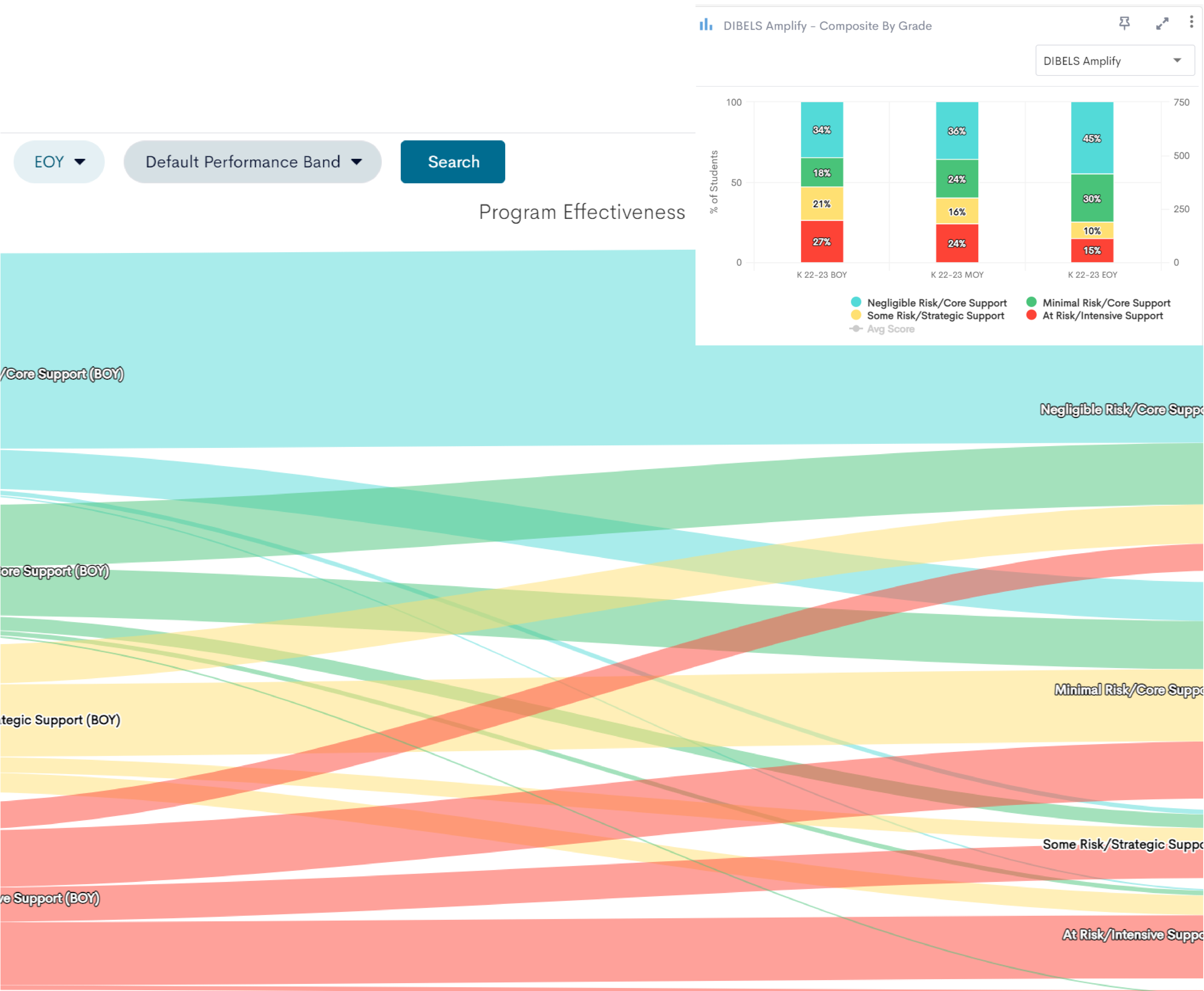
The BREA team built the eduCLIMBER dashboard within illuminate to ensure that data could be used quickly and efficiently by various BUSD stakeholders. It is very easy to access and allows teachers, site teams, administrators and district teams to look at any data that they might want to review and understand. In the 3D mode, each students' face is visible as the data is sorted by groups or filters. This makes the data personal and means that each child can be seen as the data is being sorted and reviewed.

Getting Curious

The image below shows how DIBELS composite scores for kindergarten students across BUSD have changed from August 2022 to May 2023. This "effectiveness" chart, shows which students have moved between the four performance bands on the DIBELS Literacy Screener. If you were accessing this report, you could hover over each band and it would show you the names of the students that are represented by the band. As you can see from this chart, many students were showing upward movement, which means that they were showing improved proficiency on this literacy screener.

Excellence, Equity, Engagement and Enrichment

- EduCLIMBER will enable different stakeholder groups to assess whether BUSD is meeting it's goals in a variety of different areas.
- Data in all of the following categories is available for staff to review: Academics, Assessments, Interventions, Programs, Attendance, Behavior, and an array of demographic information for each child.
- Coordination of Service (COS) teams will be able to review all the information about a child in one sitting rather than having to find it in different places.



See how it works
and hear from two
of our Principals
here:



Focus on Literacy



BUSD's Literacy Action Plan

The goal of the literacy action plan is to provide universal access to core curriculum, reduce inequities, align our systems, and promote partnerships between families and the school, so that every student can flourish.

22-23 Highlights Exploration to Installation

- Provided professional learning K-5 and exploration around literacy acquisition with shared book study of *Shifting the Balance*
- Provided training and support for administrators to cultivate data driven culture
- Increased assessment completion rates for STAR and DIBELS
- Monitored implementation and effectiveness of current curriculum with data and observation
- Began development of BUSD MTSS Process Guide
- Began core program curriculum review



To learn more about
our program visit



Literacy Coaches play
an important role in
literacy development.
Hear from our staff.

**We asked staff : Which literacy topics would you
want to learn more about and go deeper into next
year?**

"Help students
who learn to read
in different ways."

"Upper grade support for
reading and writing. More
strategies to help
students understand
Main Idea and Theme."

"Morphology,
etymology, sound walls,
literary analysis and
reading strategies to
teach."

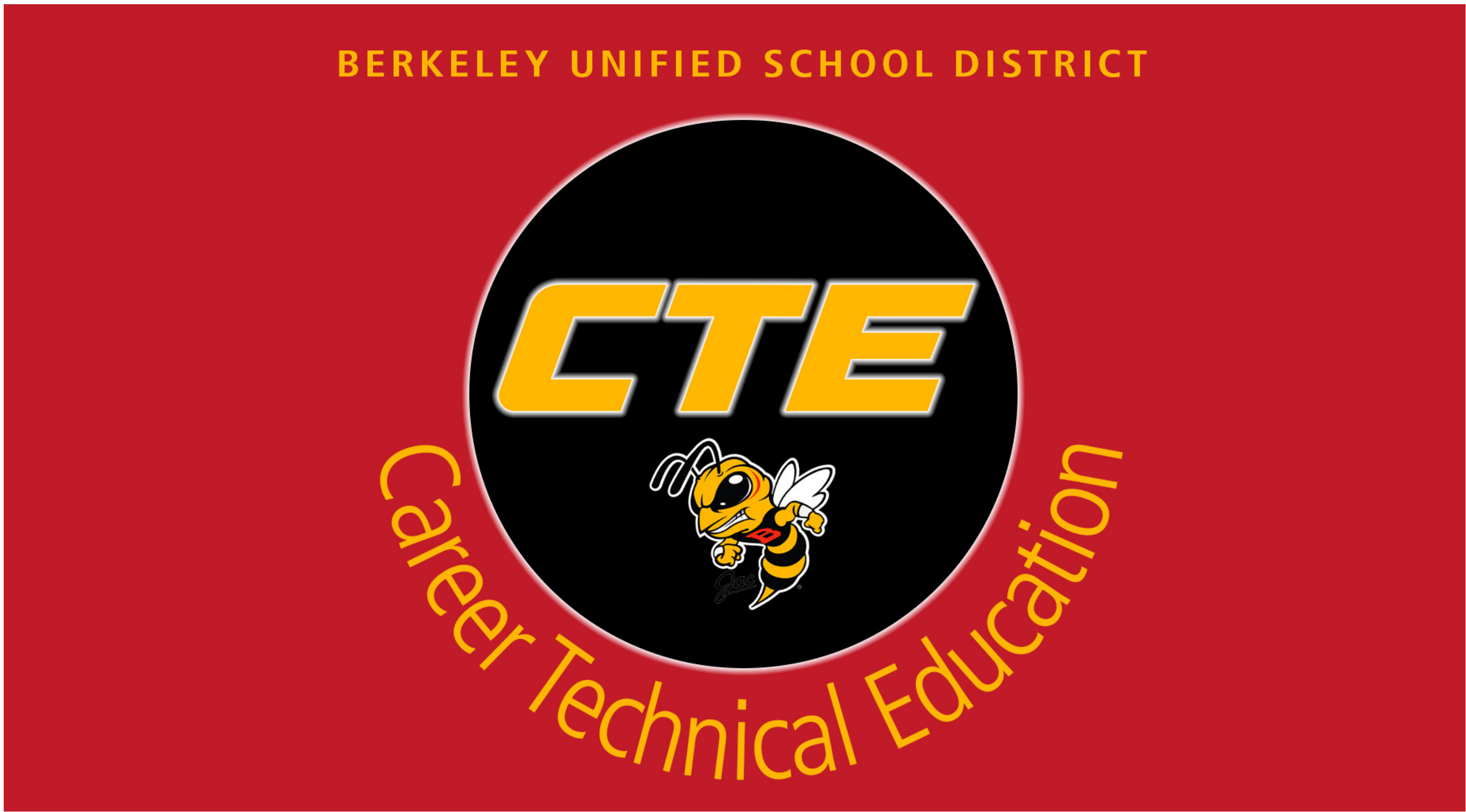
"Continue support with
phonics instruction and
finding time and continue to
learn best practices from
peers at my site and district
wide."

"I would like to go
deeper with the content
over the course of the
entire year."

"As for reading, continuing to
explicitly teach decoding and
model how to use those
strategies when reading a
text."



Career Technical Education



A key goal of CTE is to diversify the STEM-career pipeline.

22-23 Highlights - Middle School

- Access to **Makerspaces** after school for STEM exploration at each middle school
- **Girls Who Code** clubs started at each middle school
- All 7th graders exploring various scientific topics with UC Berkeley scientists through the **Be a Scientist** program
- Year 2 of summer **Maker Camp** serving 250 students currently in grades 5th-9th grade coming up!



22-23 Highlights - High School

- National Society of Black Engineers, Jr. (**NSBE Jr.**) trip to the national collegiate conference in Kansas City
- 12 **STEM Career X** interactive site visits to local STEM employers for Hispanic Engineering Student Society (**HESS**), NSBE Jr. & **Biotech Academy** students
- **Team Berkelium** getting 7th place in the WORLD in the First in Robotics Competition in Houston!
- **Health and Wellness Fair by AMPS** Health Occupation Students of America (**HOSA**)
- Student ride-alongs with Berkeley Fire Department for **Fire Science EMT** students
- **Law and Social Justice** students engaging in a critical investigation of incarceration and reform efforts through visits to corrections facilities and a wide array of speaker panels
- City of Berkeley **Health Justice Internships** for 3 cohorts of 20 students underrepresented in STEM
- Bi-weekly student-run **AMPS Food Pantry** providing over 7,000 lbs of food in partnership with Berkeley Food Network and 18 Reasons Why
- **Mechatronics, Stagecraft, Carpentry, CAD Design & Fabrication and Sound Engineering** students working on an interdisciplinary project to create a Halloween Haunted House & Escape Room
- **AHA** being awarded a 5-year Bayer STEAM ARDA grant

Dual Enrollment

77% of the ~250 Berkeley High students dual enrolled at Berkeley City College are first-generation college students.



Check out our
CTE Pathway
videos!



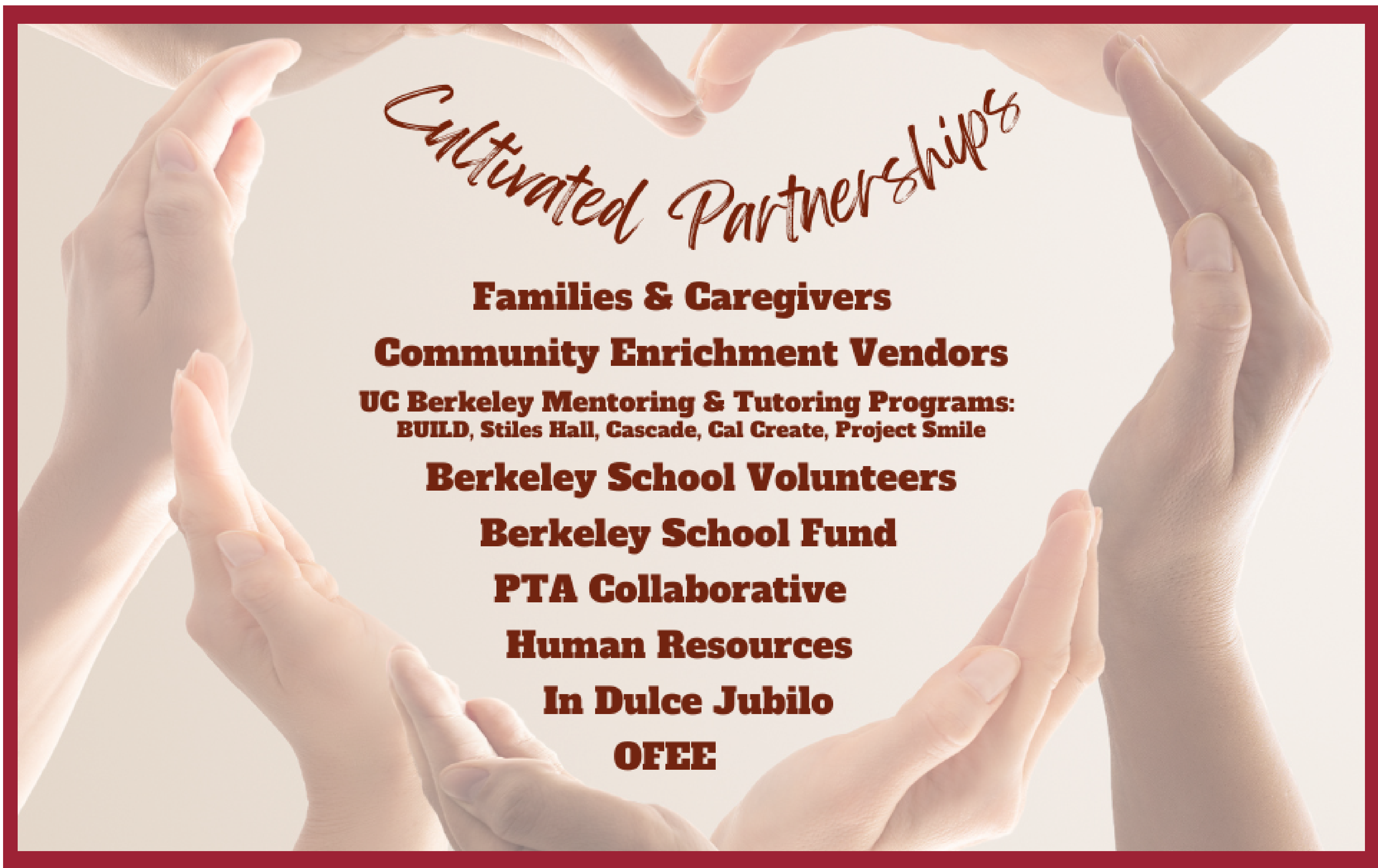
Check out CAS &
BIHS's Film Festival
Trailer



Check out AHA's
spring exhibition
at KALA



Extended Learning



Our Vision

To create a safe and nurturing environment where all children are supported in their development of academic excellence, emotional development, healthy living, and self-expression.

Program Highlights

- Significant progress in grades and test scores through academic support programs
- Excitement and curiosity for science, technology, engineering, and math through STEM activities
- Self-expression and creativity through arts and music programs with impressive performances and exhibits
- Promotion of healthy habits and teamwork skills through sports and fitness programs
- Installation of civic responsibility and empathy towards those in need through community service initiatives
- Dedicated and hardworking staff members who made these programs possible
- Continuing support and commitment from parents and guardians for the success of our programs

Program Sites

LEARNS

Elementary Schools

BAM	Oxford
Cragmont	Rosa Parks
Emerson	Sylvia Mendez
Malcolm X	Thousand
Washington	Oaks

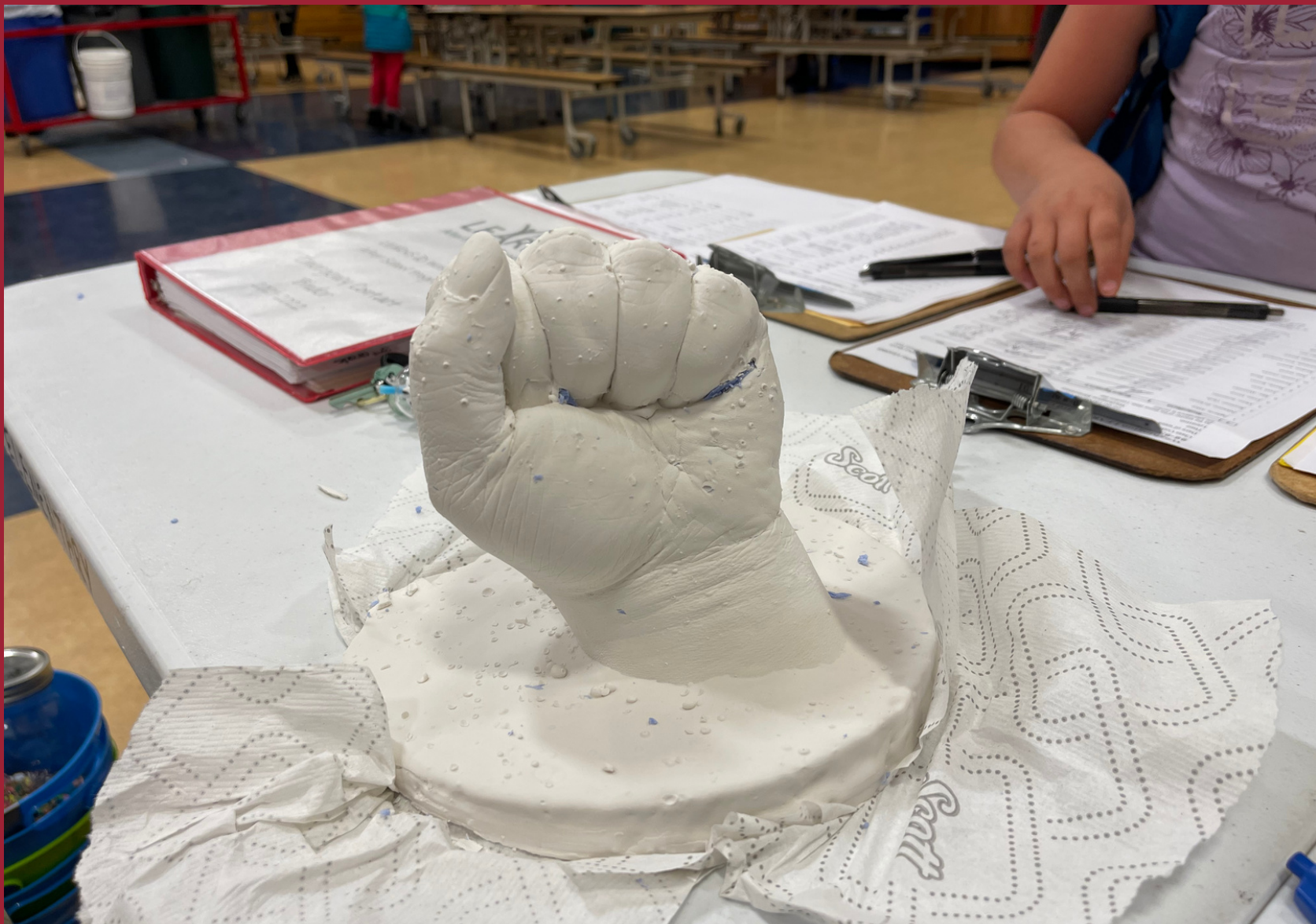
Middle Schools

King
Longfellow
Willard

BEARS

Elementary Schools

BAM
John Muir
Malcolm X
Rosa Parks
Ruth Acty
Sylvia Mendez
Washington



Washington LEARNS & BEARS Enrichment Activities



Scan to see more highlights from Sites

