



Shaker
Heights
Schools



#SHAKERRISING

MEASURING WHAT MATTERS

A QUALITY PROFILE FOR SHAKER HEIGHTS SCHOOLS 2022-2023



hello,

WELCOME TO THE 2022-2023 edition of Measuring What Matters, the District's annual report to the community.

Our theme this year is "Shaker Rising: Excellence is Inclusive." We provide every student the rigorous, world-class education they need to succeed in today's world. Inclusive excellence is a framework that emphasizes the importance of diverse learning environments in which students and staff of all backgrounds can thrive. It creates a sense of belonging for all students, staff and families. It teaches students to learn and engage with people who are different from them and to address real-world problems. These skills and values will help all students succeed throughout their lifetimes.

One way this theme is put into action is through our "Algebra for All" initiative. "Algebra for All" is our commitment that all of our students are prepared to take Algebra 1 in the eighth grade. Research shows that mastering Algebra 1 by the end of eighth grade is a pathway to future academic success—not just in math, but in all academic subjects. "Algebra for All" challenges all children to a high, rigorous level of instruction.

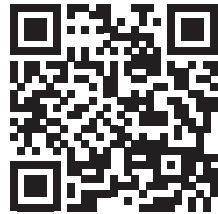
Thank you for your continued support. It is an honor and a privilege to serve in this special community.

Sincerely,
Dr. David Glasner, Superintendent
Shaker Heights City School District

STRATEGIC PLAN ANNUAL REPORT

The District's 2022 annual report explains each objective within the four major goals of 2020-2025 Strategic Plan, including why the objective was developed and the work that has taken place. It also provides a timeline for completing the work and includes data used to assess progress.

The 2022 Strategic Plan Annual Report is available as a flipbook or as a download at shaker.org/strategicplan, or you may scan the QR code below.



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outstanding academics

Inclusive Excellence means all students receive a rigorous, well-rounded, holistic education.

Algebra for All

The District is committed to ensuring all students are prepared to take Algebra I in the eighth grade. We call this initiative Algebra for All. Research shows that mastering Algebra I by the end of eighth grade is a gateway to future academic success—not just in math, but in all disciplines. That’s because students who have mastered Algebra I have also mastered problem-solving, logic and critical thinking.

Language for All

As an International Baccalaureate district, we are committed to giving our students a competitive advantage in this global economy. That’s why we offer a robust and inclusive World Language Program. All students in Grades 1-4 receive instruction in Spanish. In the fifth-grade, students are exposed to a carousel of language choice, and sixth-grade students choose a language to study going forward.

Swimming for All

In the Shaker Schools, all fifth- through eighth-graders learn to swim in our two natatoriums. Learning to swim not only saves lives, but it is a beneficial physical fitness activity which students can use throughout their lives.

BY THE NUMBERS: 2022 STATE REPORT CARD

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In the overall achievement area, Shaker’s performance index jumped significantly from 2021 and continues to return to pre-pandemic levels.

↓

In gap-closing—the component that measures reduction in learning gaps among student subgroups—the District earned five stars, significantly exceeding state standards.

↓

The District earned four stars for its graduation rate, which was up nearly two percentile points from 2021. Four stars means the District exceeded state standards.



Music for All

From the stages of Lincoln Center to the steps of the Parthenon, our award-winning orchestra, bands and choirs have entertained music lovers throughout our community and around the world. In the Shaker Heights Schools, music instruction begins at an early age: by Grade 5, all students learn to play a musical instrument. Research shows that students who participate in music-related activities between Grades 7-12 achieve significantly higher scores on science, math and English exams.

balanced learners

The **IB Primary Years Programme**

(PYP) strives to develop students who demonstrate attributes of the IB Learner Profile by ensuring learning is engaging, relevant, challenging and significant.

A CRUCIAL PIECE OF Shaker Heights Schools PYP learning is the action cycle, which encourages students to take action to make a positive difference in the world around them at school, at home, in the community and beyond, allowing students to be leaders and take ownership of their learning.

IB Learner Profile

As IB learners, our students are encouraged to develop the ten attributes of an International Baccalaureate Learner: Inquirer, Knowledgeable, Thinker, Communicator, Principled, Open-minded, Caring, Risk-taker, Balanced and Reflective.

Key Concepts & Questions

The PYP includes eight key concepts and questions—powerful ideas that have relevance in the subject area that students explore and re-explore in order to develop a coherent, in-depth understanding. They are:

- Form—What is it like?
- Function—How does it work?
- Causation—Why is it like it is?
- Change—How is it changing?
- Connection—How is it connected to other things?
- Perspective—What are the points of view?
- Responsibility—What is our responsibility?





Aniyla
Underwood

STANDOUT STATS:



In the area of early literacy on the 2022 State Report Card, the percentage of Shaker Heights Schools third-graders demonstrating reading proficiency rose by more than 10 percent in 2022.

project-based

The **Middle Years Programme (MYP)** spans Grades 5-10, linking student experiences across Woodbury, the Middle and High School.

THE MYP PROVIDES A FRAMEWORK for integrating state and national content standards in a way that is authentic and relevant, engaging students through inquiry and other learner-centered approaches.

8th Grade Community Project

The Community Project is a collaborative action research project that provides an opportunity for students to develop attributes of the IB learner profile, build their approaches to learning skills, take action on a community issue and foster the development of lifelong learning.

HIGHLIGHT:

In the MYP, curriculum and content remain at the core of teaching and learning, yet serve the greater purpose for the development of attributes and skills fulfilling the mission of Shaker Heights Schools.

During the Community Project, students meet with their Middle School teacher-mentors throughout the year on a service project of their choosing. Projects can range from writing a letter to a company/organization or leaving kind/inspirational messages on student lockers. Project topics have included homelessness, drug awareness and prevention, lead poisoning, bullying prevention, animal rescue and elementary reading programs. Students present their projects at an all-school showcase.

10th Grade Personal Project

The Personal Project is the culminating event of the MYP. This project is a product, event or experience that captures and reflects the learning and development that the student has experienced over the course of their entire education.

The Personal Project provides an opportunity for students to explore their passions, thoughts, capabilities and future trajectory, and it provides evidence of students' dedication to lifelong learning and action.

d learning



standout cou

The **International Baccalaureate Diploma Programme (DP)** enables students to earn college credit or advanced standing at many colleges and universities in the U.S. and abroad.

THE DIPLOMA PROGRAMME (DP) is an elective set of courses and experiences available to Shaker students in the 11th and 12th grades. The program is a two-year commitment with rigorous classes in several subject areas, a course on critical- and creative-thinking, a research thesis and a service-learning project. Available in 140 countries, the DP is internationally recognized as an excellent preparation for higher education. Due to its rigor and its focus on applications and skills, DP students are well-positioned for admittance and scholarships to top-flight colleges and universities, as well as college credit for their high school work. DP courses are taught through inquiry, and students take an active role in constructing their knowledge by examining authentic resources, discussion, projects and more.

In 2022, the District's Diploma Programme cohort was the largest and most diverse cohort of participants ever. One Shaker student exceeded 40 points of the International Baccalaureate Diploma Programme Assessment, placing them in the top 10 percent of IB students in the world.

IB builds on the District's mission to nurture students who are civic-minded; who are confident, competent communicators, skillful in problem solving and capable of creative thinking; and who are knowledgeable of our global and multicultural society.



STANDOUT STATS:

In 2022, 76 percent of Shaker students in the International Baccalaureate Diploma Programme earned their IB Diploma, well above the national average.



urses

Advanced Placement (AP) courses emulate introductory college classes, preparing students for selective colleges and universities throughout the nation.

IN SHAKER HEIGHTS SCHOOLS, AP courses are open to all students, and students can choose from approximately 30 courses. There is no application process or GPA requirement, although some courses require prerequisite courses. All counselors meet with students one-on-one to discuss course selection, and information sessions are regularly held for parents and guardians. Students who are eligible for free-or-reduced lunch are granted a waiver for AP exams in any course they are enrolled. The summer Bridges Program serves to increase the number of under-represented students in AP and other honors courses by creating supportive relationships with faculty and other students.

Most four-year colleges and universities in the United States—as well as institutions in more than 100 other countries—grant credit, placement or both for qualifying AP Exam scores. This means students can save time and money and get a head start on their education when they enter college with credit they earned through AP. Research has shown that students who earn credit, advanced placement or both for their AP Exam scores tend to earn more credits overall.



STANDOUT STATS:

Last year, SHHS students took 890 AP tests in 28 subject areas on which they registered an average score of 3.02 — well above state and national averages.

BY THE NUMBERS

The District's Strategic Plan includes the charge to increase the number of students from underrepresented demographic groups in the Diploma Programme and Advanced Placement programs, and the District is seeing growth in the numbers of students participating.

Number of Black students enrolled in the IB Diploma Programme:	
2020-2021	21
2021-2022	30

Number of Black students earning at least one AP credit:	
2020-2021	54
2021-2022	69

career-mind

There are many pathways to graduation and beyond, and Shaker Heights Schools continues to explore and expand opportunities for our students to determine their individual path to success. This includes a robust offering of **Career Technical Education (CTE)**, which provides strong academic and technical education, preparing students for both college and careers after high school graduation.

THE SHAKER HEIGHTS CTE PROGRAM is offered through the Heights Consortium, which includes Bedford Heights, Cleveland Heights, Maple Heights, Shaker Heights and Warrensville Heights High Schools. Shaker's CTE students attend Shaker Heights High School as their home school and participate in any activities, clubs or sports that they wish, and take core classes for half of their school day. They then attend their CTE program during the second half of the day, either at SHHS or another partner school in the consortium. Most CTE programs require a two-year commitment from students.

Students in the CTE program may earn industry-recognized credentials or college credit. CTE students can also participate in College Credit Plus (CCP) or take AP courses concurrently.

Students who complete the CTE program have gone on to two-year and four-year colleges, as well as entered the workforce in their career of choice having completed the training and necessary credential requirements prior to graduation.

Current CTE program offerings include:

- Audio Engineering
- Automotive Technology
- Biomedical Engineering
- Business Management
- Clinical Health
- Computer Networking
- Cosmetology
- Criminal Justice
- Culinary Arts
- Digital Design - Gaming
- Digital Video Production
- Engineering & Science Technologies – Engineering, Robotics and Manufacturing
- Engineering Technology – Project Lead the Way
- Exercise Science & Sports Medicine
- Firefighting
- Graphic Imaging Technology
- Home Improvement & Maintenance
- Marketing Management
- Pharmacy Tech
- Robotics
- Teacher Academy



College Credit Plus (CCP) allows college-ready students to earn college and high school credit at the same time by taking college courses from Ohio colleges and universities.

PROVIDING A RIGOROUS, CHALLENGING learning environment for students who are ready for college-level material is an integral part of the CCP program. Students in Grades 7-12 have a wide variety of courses to choose from, offering them the opportunity to earn college credit and pursue career pathways.

CCP courses are available at Shaker Heights High school, on site at the college or university, online or a hybrid of onsite and online, depending on the selected course.

By taking CCP courses, students can explore college content while earning college credits and reducing the time and costs of attending college after high school. Some students even enter college as sophomores or higher directly after high school.

CCP Partner Institutions:

- Case Western Reserve University
- Cleveland State University
- Cuyahoga Community College (Tri-C)
- Hiram College
- Kent State University
- Kenyon College
- Lake Erie College
- Lakeland Community College
- Notre Dame College
- Ohio State University Academy Program

artistic exp

Shaker Heights graduates go on to grace the Broadway stage, win Pulitzer Prizes and make award-winning films. Our philosophy is that all individuals should develop their **artistic potential** to their fullest capacity.

PERFORMING, VISUAL AND CREATIVE ARTS are central to the Shaker Heights Schools Experience. At Shaker Heights, commitment to the arts goes well beyond the classroom. Performance opportunities abound – from Lincoln Center in New York City to picturesque landmarks of Greece, Spain, Italy and China, to the galleries and stages of Northeast Ohio. These experiences help our students become globally aware, culturally nurtured and self-reflective about their role in their community and their world.

Art, drama and music instruction build on the District's International Baccalaureate framework that focuses on creative problem-solving, hands-on learning, teamwork and community service. In Shaker Heights, students in the primary grades have access to afterschool activities based in the arts. By the middle grades, all students learn to play a musical instrument. Woodbury Creating Change teaches fifth- and sixth-grade students how to use art for positive. At the High School, nearly 900 students take visual arts courses and nearly 500 are in music classes. At any time, nearly 150 students are involved in theatre arts, either through acting, dance, stagecraft, box office, film or playwriting.

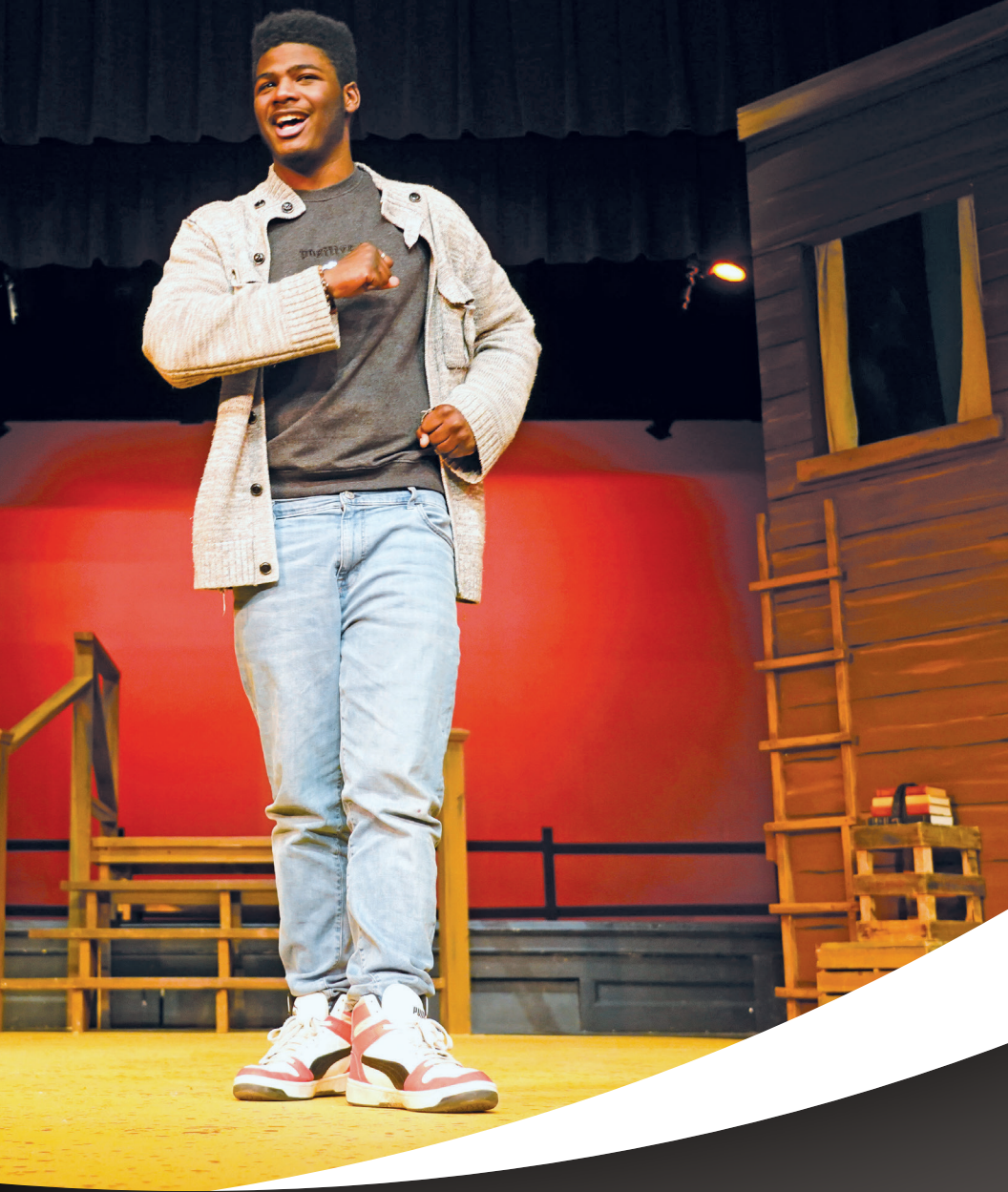
Shaker Heights students participate in award-winning dramas and musicals, orchestras and jazz combos, choir and dance performances. The marching band, which has had concert tours throughout the world, is among Ohio's largest. Our students' visual art and photography are recognized in state and national competitions, as is their creative writing, playwriting, poetry and journalism. Our annual Sankofa presentation is anticipated through the entire community. Each year, the Sankofa performance takes place at the end of Black History Month and showcases the talents of students through dance, song, spoken word and drama. Sankofa celebrates Black history while raising awareness of social issues in the Black community.



STANDOUT STATS:

Nearly 900 High School students take visual arts courses and nearly 500 are in music classes. Nearly 150 students are involved in theatre arts, either through acting, dance, stagecraft, box office, film or playwriting.

ression



inclusive at

At Shaker Heights Schools, the **athletic experience** is an opportunity to build community and inclusivity. The involvement in team sports brings together students who must work together, even if they have different backgrounds or abilities, to get better and achieve a shared goal.

AS THE DISTRICT PREPARES to enter the Greater Cleveland Conference in the fall of 2023, the Athletics Department and Office of Diversity, Equity & Inclusion (DEI) are collaborating to create an Athletics and DEI committee charged with enhancing the staff, student and fan experience. The committee will work both internally through training and policy review to respond to and navigate behaviors that are incongruent with civility, respect and the District's commitment to diversity, equity and inclusion and also externally by collaborating with conference partners.

As the District continues to work with students, families and staff with the goal of creating a more inclusive environment for student athletes, coaches and spectators, we celebrate the opportunities athletics provides Shaker Heights students to continue a path towards excellence.

thirty-five+

Number of sports to choose from at Shaker Heights High School.



NEARLY

50%

Percentage of Shaker Heights High School students who play a varsity, junior varsity or club sport

**MORE THAN
HALF**

Number of Shaker Heights Middle School students who participate in a sport



nineteen

Number of sports to choose from at Shaker Heights Middle School

athletics



beyond the

110

Approximate number of students who will take the stage in Onaway and Mercer theatrical productions this spring. Mercer is producing *Annie Kids*, and Onaway is producing *James and the Giant Peach, Jr.*



WORLD TRAVELERS

More than 300 students this year are traveling to five different countries, including Fiji, France and Germany.

130

Approximate number of Shaker Heights Middle School students who hit the slopes each week as a part of the Ski Club.



40+

Number of students who participate in Boulevard's newly returned Chess Club.



STEAM-BASED FUN

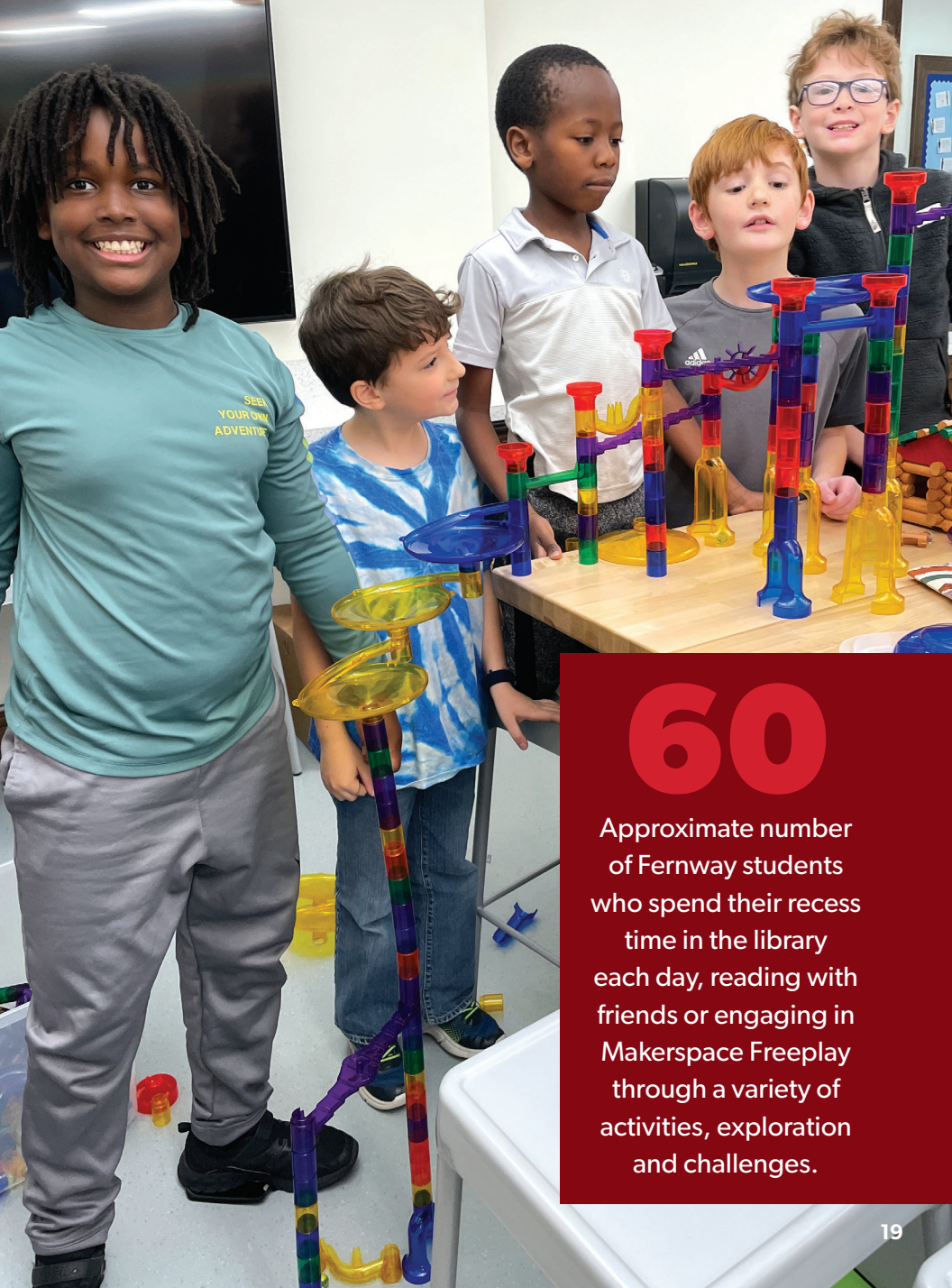
Woodbury introduced STEAM Club this year to encourage students to explore robotics, 3D printing and laser cutting/engraving.

LOMOND LEADERS

A group of more than 30 third- and fourth-grade students that help throughout the building, take on leadership roles with younger students and even conduct a fundraiser each year!



books



60

Approximate number of Fernway students who spend their recess time in the library each day, reading with friends or engaging in Makerspace Freeplay through a variety of activities, exploration and challenges.

our grads ...

PAULETTE DREWA

Class of 2022

By the time she walked across the Commencement stage last June, Paulette Drewa was a certified firefighter and had earned 18 college credits. As a high school senior, Paulette—who graduated from the Fire/EMT program—was inducted into the National Technical Honor Society, an educational non-profit that exists to honor, recognize and empower students and teachers in Career & Technical Education. NTHS honors the achievements of top CTE students and provides close to \$300,000 in scholarships annually.



JOURNEE BYRD-ALLEN

Class of 2022

For Journee Byrd-Allen, pursuing an International Baccalaureate Diploma was a commitment that paid off: She says her challenging high school coursework prepared her for the rigorous biology (pre-med) program at Ohio State University. Journee, a 2022 Shaker graduate, received both the Morrill Scholars Excellence Scholarship and the Elizabeth E. Danka Stanko Scholarship. She believes that without the IB Diploma Programme, she would not be where she is today. Journee says the pathway has given her access to a valuable education and to skills she will use for a lifetime.

Every School. Every Grade. Every Student.

The mission of the Shaker Schools Foundation is to support all students in the Shaker Heights City School District by cultivating community resources to advance equitable access and enhance opportunities in and out of the classroom.

THE FOUNDATION supports the District's strategic initiatives around Educational Equity and the International Baccalaureate (IB) Programme by raising and distributing funds for academics, arts, athletics, social-emotional learning, student opportunity assistance, technology and co-curriculars.

Some of the recent initiatives supported by the Foundation include:

- Facing History & Ourselves program at the Middle School
- ACE Mentoring (Architecture, Construction, Engineering) and Motogo at the High School
- Design Labs - STEM learning supplies at Boulevard, Lomond, Fernway and Woodbury
- Opportunity Scholarships - 100+ grants for extracurricular activities and youth sports
- 6th grade Camperships & Middle School Washington, DC Trip Scholarships
- International Travel Scholarships for high school music, language and service trips
- Positive Behavioral Interventions and Supports (PBIS) programs
- Black Student Athlete Summit - student-led diversity discussions
- Read, Baby, Read - elementary literacy at Lomond and Boulevard
- All Kids Bike - K-4 bike riding and safety instruction in all elementary schools
- Teacher Grants supporting classroom learning, guest artists and field trips

The Shaker Schools Foundation invites philanthropic support from individuals, corporations and foundations to support these important programs and initiatives, and also hosts an annual fundraiser, *A Night for the Red & White*. To contribute to SSF or to find out more about upcoming events, visit shakerschoolsfoundation.org or contact Holly Coughlin, Executive Director, at 216.295.4325.



supporting our schools

class of 2022 g

429
GRADUATES



11 SHHS graduates who earned full-ride or full-tuition scholarships

70 SHHS graduates receiving scholarships



FLUENT LEARNERS

Forty-five students in the Class of 2022 earned the State of Ohio Seal of Biliteracy



\$3,570,572

Total amount of scholarship money awarded

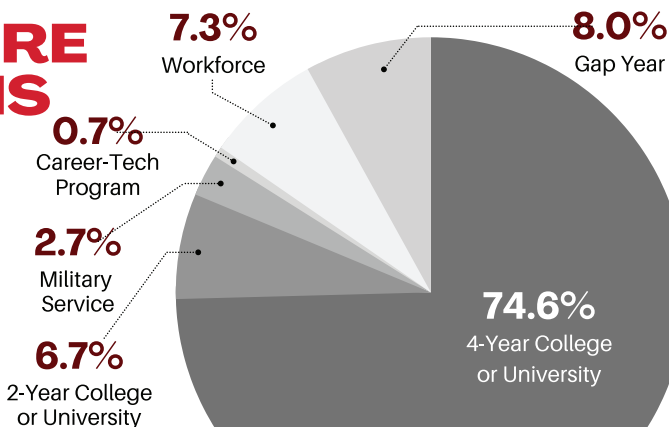


86 Grads who headed to school with college credit through the College Credit Plus (CCP) program.

21 Grads who were poised for certification and/or job placement through the Career-Technical Education (CTE) program.

FUTURE PLANS

What our 2022 grads are up to now!



These percentages represent only the students who self-reported their post-High School plans.

grad stats

SCHOOLS OUR GRADS ARE ATTENDING

Below is a sample list of institutions that Class of 2022 graduates are attending.



WHERE WERE OUR GRADS ACCEPTED?

- 32** Acceptances to the Top 25 Schools
(as ranked by U.S. News & World Report)
- 107** Acceptances from Historically Black Colleges and Universities (HBCUs)
- 2** Acceptances to Institutions Outside the United States
- 6** Acceptances to Ivy League Schools
- 4** Acceptances at Music Conservatory Programs
- 25** Acceptances at Visual Arts Colleges

27 SHHS student-athletes in 11 sports committed to post-High School athletics.

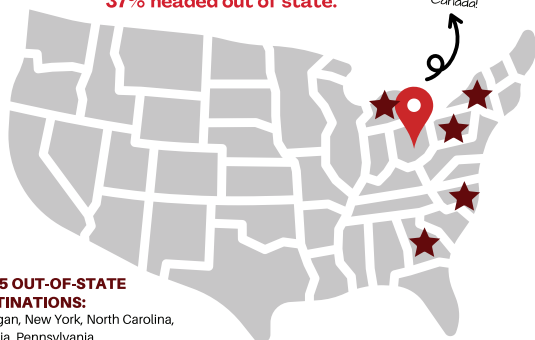


WHERE THEY HEADED

A majority of the Class of 2022 members stayed in Ohio, while ...

37% headed out of state.

*And two students headed to Canada!



TOP 5 OUT-OF-STATE DESTINATIONS:

Michigan, New York, North Carolina, Georgia, Pennsylvania

- University of Akron
- American University
- Baldwin Wallace University
- Barnard College
- Bates College
- University of British Columbia
- Brown University
- University of California, Berkeley
- University of California, Los Angeles
- University of California, Santa Barbara
- Carnegie Mellon University
- Case Western Reserve University
- Chapman University
- University of Chicago
- University of Cincinnati
- Clark Atlanta University
- Cleveland State University
- Colgate University
- University of Colorado
- Colorado College
- Cornell University
- Cuyahoga Community College
- Dartmouth College
- Denison University
- DePaul University
- Elon University
- Emory University
- Fisk University
- University of Florida
- George Washington University
- Hampton University
- Harvard University
- Howard University
- John Carroll University
- Kent State University
- Kenyon College
- Loyola University Chicago
- Miami University, Oxford
- University of Michigan
- Michigan State University
- Morehouse College
- Morgan State University
- North Carolina A&T University
- North Carolina Central University
- Northeastern University
- University of Notre Dame
- Ohio University
- The Ohio State University
- University of Oregon
- University of Pittsburgh
- Princeton University
- Purdue University
- University of Rochester
- Rochester Institute of Technology
- Savannah College of Art & Design
- University of Southern California
- Spelman College
- Syracuse University
- Tennessee State University
- University of Toronto
- Union College
- Vassar College
- University of Vermont
- Villanova University
- Washington University, St. Louis
- William & Mary
- University of Wisconsin, Madison
- The College of Wooster

#IAMSHAKER

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