Horizon Science Academy Columbus High School is open to all students, regardless of academic achievement, race, or economic background. There are no entrance exams or tuition.

Horizon Science Academy Columbus High School is managed by Concept Schools, a charter school management organization that serves 14,000 students in 31 successful charter schools throughout the Midwest.
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
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<tbody>
<tr>
<td>Letter from the Principal</td>
<td>1</td>
</tr>
<tr>
<td>HSA Mission, Vision, &amp; Core Values</td>
<td>2</td>
</tr>
<tr>
<td>Sponsorship</td>
<td>3</td>
</tr>
<tr>
<td>Board Of Directors &amp; School Leadership Team</td>
<td>4</td>
</tr>
<tr>
<td>Student Demographics</td>
<td>4</td>
</tr>
<tr>
<td>Comparison Charts</td>
<td>5-6</td>
</tr>
<tr>
<td>Student Engagement</td>
<td>6</td>
</tr>
<tr>
<td>Awards &amp; Recognitions</td>
<td>7-8</td>
</tr>
<tr>
<td>Athletic &amp; Academic Clubs &amp; Activities</td>
<td>9-13</td>
</tr>
<tr>
<td>Community Engagement</td>
<td>14</td>
</tr>
<tr>
<td>School Initiatives</td>
<td>15</td>
</tr>
<tr>
<td>List of Top College Acceptances</td>
<td>15</td>
</tr>
<tr>
<td>Satisfaction Surveys</td>
<td>16</td>
</tr>
<tr>
<td>Fiscal Responsibility</td>
<td>17</td>
</tr>
<tr>
<td>Concept Schools Success Stories</td>
<td>18-19</td>
</tr>
</tbody>
</table>
Greetings Horizon family members and friends,

I would like to take this opportunity to thank all stakeholders for a successful school year as the new principal of this school.

Returning back to a school as a principal after 12 years where you taught for 4 years is a great honor and privilege for me. I had great experiences and memories with many awesome colleagues and hardworking students in this building.

HSA Columbus High school has always been STEM and college prep oriented, and the challenge to continue to tradition of excellence after so many accomplishments and a Blue Ribbon award is certainly a big one. I can wholeheartedly say that it is possible after seeing the dedicated and passionate educators working tirelessly to provide a great education to our students.

HSA’s college acceptance rate has been 100% in the last several years. With great pride and honor I announce that our students as a whole have shown “above and beyond” growth academically according to the latest Local Report Cards announced by Ohio Department of Education.

Horizon Science Academy is a community of diverse cultures and backgrounds. Living in a workplace where all these differences create a unique, welcoming and positive school culture is an awesome experience for everyone. We celebrate and enjoy the diversity which makes our community even wealthier and stronger.

Please feel free to communicate with us if you should have any questions and suggestions.

Sincerely,

Ugur Zengince, M.Ed.
Principal
MISSION

We prepare students to succeed in college and the world by offering high-quality, college-prep, STEM education.

VISION

Our students will achieve 100% graduation and college acceptance.

CORE VALUES

Horizon Science Academy Columbus High School promotes six core values to guide its interactions with all members of the school community:

Respect – All members of the school community (students, parents, and staff) have equal worth and should be treated with respect.

Responsibility – All people have choices, and teachers, parents, and students should be responsible for their actions.

Integrity – Belonging to a community requires a commitment to the common good. The community is stronger when everyone can be counted upon to be honest and trustworthy.

Courage – Having the courage to try new things expands minds and causes students, parents, and staff to reach beyond their own expectations.

Curiosity – The ability to wonder and to create connections stimulates further learning. Inquiry will be fostered on the part of parents, staff, and students.

Effort – Success is accomplished when students, family, and staff are willing to do what it takes to accomplish their vision of the future.
Ohio Revised Code (ORD) 3314.03 (D)(2) specifies that the sponsor of the school must “monitor and evaluate the academic and fiscal performance and the organization and operation of the community school on at least an annual basis.” In addition, under ORC 3314.03 (D)(3), the sponsor must “report on an annual basis the results of the evaluation conducted under division (D)(2) of this section to the department of education and to the parents of students enrolled in the community school.”

The Educational Service Center of Lake Erie West (ESCLEW) served as sponsor for Horizon Science Academy – Columbus High during the 2016-2017 school year. ESCLEW monitored the school’s academic and fiscal performance, as well as organization and operation of the school, and determined that the school was overall compliant.
SCHOOL LEADERSHIP TEAM

Ugur Zengince, Principal
zengince@horizoncolumbus.org
Colin Poulson, Assistant Principal of Academics
poulson@horizoncolumbus.org
Scott Hawley, Assistant Principal of School Culture
hawley@horizoncolumbus.org
Kylee Peoples, Assistant Principal of School Culture
peoples@horizoncolumbus.org
Celal Sarikamis, Assistant Principal of Operations & Community Engagement Coordinator
celal@horizoncolumbus.org
Melissa Herman, RTI/Intervention Specialist
herman@horizoncolumbus.org

BOARD OF DIRECTORS

Zafer Alpay, President
z.alpay@horizoncolumbus.org
Enver Ozer, Member
e.ozer@horizoncolumbus.org
Oner Kirk, Member
oner.kirk@horizoncolumbus.org
Natenon Tongtae, Member
natenon.tongtae@horizoncolumbus.org
Connie Robinson Carter, Member
connie.carter@horizoncolumbus.org

STUDENT DEMOGRAPHICS

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>2.1%</td>
</tr>
<tr>
<td>Black or African American, Non-Hispanic</td>
<td>84.1%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>4.1%</td>
</tr>
<tr>
<td>Multiracial</td>
<td>4.2%</td>
</tr>
<tr>
<td>White, Non-Hispanic</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>46%</td>
</tr>
<tr>
<td>Female</td>
<td>53.2%</td>
</tr>
<tr>
<td>Other/Unknown</td>
<td>0.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attendance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-2017</td>
<td>95%</td>
</tr>
</tbody>
</table>
Ohio State Test Proficiency or Above % Comparison: High School

<table>
<thead>
<tr>
<th>Course</th>
<th>HSA ColumbusHigh</th>
<th>Columbus City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>35%</td>
<td>31%</td>
</tr>
<tr>
<td>English I</td>
<td>48%</td>
<td>32%</td>
</tr>
<tr>
<td>English II</td>
<td>42%</td>
<td>29%</td>
</tr>
<tr>
<td>Government</td>
<td>67%</td>
<td>48%</td>
</tr>
<tr>
<td>History</td>
<td>66%</td>
<td>41%</td>
</tr>
</tbody>
</table>

Ohio Report Card Component grades

<table>
<thead>
<tr>
<th>Category</th>
<th>HSA ColumbusHigh</th>
<th>Columbus City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achievement</td>
<td>D</td>
<td>F</td>
</tr>
<tr>
<td>Graduation</td>
<td>F</td>
<td>F</td>
</tr>
<tr>
<td>Progress</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>4-year Graduation Rate</td>
<td>D</td>
<td>F</td>
</tr>
<tr>
<td>5-year Graduation Rate</td>
<td>D</td>
<td>F</td>
</tr>
<tr>
<td>Overall Value Added</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Value Added-Lowest 20%</td>
<td>A</td>
<td>F</td>
</tr>
<tr>
<td>Value Added-SWD</td>
<td>F</td>
<td>F</td>
</tr>
</tbody>
</table>
4-year and/or 5-year cohort graduation rates

<table>
<thead>
<tr>
<th>Years</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>84%</td>
</tr>
<tr>
<td>5</td>
<td>95%</td>
</tr>
</tbody>
</table>

College persistence rate (% of graduates remaining in college after one year)

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>42.22%</td>
</tr>
<tr>
<td>2015</td>
<td>45%</td>
</tr>
<tr>
<td>2016</td>
<td>56.57%</td>
</tr>
</tbody>
</table>

ACT: 18.9  SAT: 983

Graduating Class That Received Dual-Credit: 29%

All Students Enrolled In Advanced Placement: 31%

All Students Enrolled In CYSP: 15.9%

All Students Enrolled In Project Lead the Way: 18.2%

STUDENT ENGAGEMENT

Science Night!

On May 10th, our students filled the school with cool science demonstrations and experiments. This year we had rooms for Fire and Dry Ice, Farm Animals, Lovable Liquids, Biomedical Science, Glow in the Dark, Phun Physics and more!
AWARDS AND RECOGNITIONS

State Science Fair

The State Science Fair brings together students from across the state of Ohio to demonstrate their year’s work in the fields of science and technology. A big thanks to Ms. Doup and our science teachers for helping our four young women achieve great success (left-to-right):

- Dikchhya K. (excellent)
- Alyssa Z. (excellent)
- Martha C. (superior)
- Eunice O. (excellent)

Erie Hack

This May, students from Columbus, Cleveland, Akron, Buffalo (NY), and Windsor (Canada), were invited to attend the Erie Hack competition. Students were presented with a problem to solve: this year’s focus was water quality. Students had to work as a team with students from other schools. HSA 11th graders Joseph A. and Josh F. won 2nd place with their team and Fatuma A. and Fadumo A. earned 3rd place.
AWARDS AND RECOGNITIONS

CONSEF STEM

Voted Top School Overall!

Best in Botany: Alyssa Ziegler
Best in Computer Science: Anton Colvin Jr.
Best in Microbiology: Martha Cibasu
Best in Health: Dikchhya Khatiwoda
Best in Zoology: Yakai Kamara

STEM Expo winners:
Emmanuella Opoku

MathCON 2017

This year’s MathCON in Indianapolis, IN brought students from across the Concept network to compete in Mathematics competitions. HSA Columbus High came in 2nd place overall with great individual performances:

Christian Ramos, David Shipe and Alan Sanchez-Salgado all placed in the Top 20!
ATHLETIC & ACADEMIC CLUBS & ACTIVITIES

Fall Sports Banquet

HSA Boys and Girls Basketball Banquet

After a great season, the HSA administration and coaches put on our annual Spring Banquet to honor the work of our boys and our girls basketball programs. A special thanks to all of the supporters who traveled to our teams’ games and tournaments, and especially to the parents who made sure they were at practice every day!
ATHLETIC & ACADEMIC CLUBS & ACTIVITIES

CYSP Spring Camp-Hocking Hills

We did our first CYSP camp at Camp Oty’okwa near the Hocking Hills State Park. We had a lot of fun with 37 students, 10 teachers and 2 guests. A special thanks to all who gave their time to spend time with students, and all the CYSP and admin team who made this activity happen.
ATHLETIC & ACADEMIC CLUBS & ACTIVITIES

International Day

One of the most anticipated events at HSA Columbus High School is the Spring’s International Day festival: a day where all students get to embrace their cultural heritage through fashion, music, food, art, and pride. Mr. Bernard’s Diversity Club puts on the event every year.

Spoken Word Competition February 2017

February 9th marked the second spoken word event at HSA. Students prepared original works and recited their favorite professional pieces. We had a great turnout in support of our creative youth!
Our new band and choir director, Mr. Stahl, held his Fall preview of what he and his students have been working on this school year. To drum up excitement for the Winter Band and Choir concert, they held a “Preview” to show our families and supporters what they have been working on.
ATHLETIC & ACADEMIC CLUBS & ACTIVITIES

Weekend School

The program requires weekend school for grades 9th -11th. Silver candidates must attend eight days and Gold candidates must attend twelve days. Weekend school is optional for bronze level students, but those students are more than welcome to attend. Weekend school can be organized by school for the CYSP program or it can be organized by individual advisers. Weekend school should be 2 hours long in the middle school level and 3 hours long in the high school level. If scholars attend weekend schools at an outside organization/program, scholars must show proper verification.
COMMUNITY ENGAGEMENT EVENTS

HSA Children Champions
Donate $1200 to Nationwide

Giving back to those in need is always a great feeling, and something that HSA Columbus High strives to do through our community outreach programs. This year, Mrs. Wilson and Ms. Sprague’s leadership group was responsible for raising donations to Nationwide Children’s Hospital. Their final fundraiser allowed them to present $1,200 to the hospital!

Japanese Culture at HSA

Our CYSP students are always engaging in activities that help them grow academically as well as culturally. They were recently treated to a presentation on Japanese Culture by Mrs. Parlar from Noble Academy. She taught the students about the Japanese alphabet, Origami paper folding art, and traditional garments.
SCHOOL INITIATIVES

8th Annual Young Writers Workshop at Ohio State University

Two 11th grade students from HSA Columbus High School, Christina Amnathphonthip and Anab Sharif, have been accepted to the 8th Annual Young Writers Workshop at Ohio State University this summer.

Through the encouragement of their teacher, Colin Poulson, they applied and were selected from more than 70 applications throughout the Columbus area. Anab and Christina will spend a week living on campus and studying writing with writers from around the country, including current students and alumni of the Department of English’s MFA Program in Creative Writing. They were selected based on the promise of their writing and have received full scholarships to cover the cost of their participation.

LIST OF TOP COLLEGE ACCEPTANCES

2016-2017

Sudi Yussuf    University of Pennsylvania
Don Cing      OSU Columbus
Nour Abdelrahman OSU Columbus
Darius Gainer OSU Columbus
Zachary Upperman OSU Columbus
Iyanna Foster OSU Columbus
Adrian Carte OSU Columbus
Nimco Mohamud OSU Columbus
Karim Aguado OSU Columbus
Hadia Bouso OSU Columbus
Amenah Mohammad OSU Columbus
Cecilia Taylor OSU Columbus
Emmanuel Agyeman University of Dayton
HSA COLUMBUS HIGH SATISFACTION SURVEYS

**Student**
- 14-15: 49%
- 15-16: 58%
- 16-17: 65%

**Parent**
- 14-15: 79%
- 15-16: 79%
- 16-17: 88%

**Staff**
- 14-15: 64%
- 15-16: 66%
- 16-17: 38%
Horizon Science Academy Columbus High Statement of Activities and Change in Net Position For the Fiscal Year Ended June 30, 2017

OPERATING REVENUES:
- Foundation Payments: $3,678,218.22
- Classroom Fees: 5,701.00
- Extracurricular Activities: 35,966.22
- Other Revenue: 42,487.1

Total Operating Revenues: 3,762,373.00

OPERATING EXPENSES:
- Salaries: 2,281,699.05
- Fringe Benefits: 916,144.09
- Purchased Services: 1,136,844.18
- Materials & Supplies: 189,396.59
- Depreciation: 176,102.55
- Miscellaneous: 111,373.17

Total Operating Expenses: 4,811,560.00
Operating Loss: (1,049,187.00)

NON-OPERATING REVENUES:
- Restricted Grants In Aid-Federal: 790,863.27
- State & Other Grants: 161,043.3
- Interest Income: 584.15
- Interest Expense: 154,561.49

Total Non-operating Revenues: 797,929.00
Change in Net Position: (251,258.00)
Net Position, Beginning of Year: (3,567,580.39)
Net Position, End of Year: ($3,818,838.00)
Chicagoland-based Concept Schools (Concept) is a not-for-profit charter school management organization that currently manages 31 high-quality charter schools in seven different Midwest states. All Concept-managed schools implement the same educational STEM-focused and college-prep design created by Concept. Each school has its own board of directors that consists of local individuals who are scientists, educators, businessmen and women, engineers, attorneys, and community leaders. Concept contracts with local boards to manage the schools and implement its successful design.

Besides providing comprehensive management services to the schools, Concept organizes many events to provide our students with additional opportunities of recognition beyond their schools.

HSA Columbus High is part of a larger network, Concept Schools, with a successful track record.

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Besides providing comprehensive management services to the schools, Concept organizes many events to provide our students with additional opportunities of recognition beyond their schools.

Success from the National Blue Ribbon School Award

Two Concept-managed schools received the prestigious National Blue Ribbon School Award by the U.S. Department of Education: Horizon Science Academy Cleveland High School (2009) and Horizon Science Academy Columbus High School (2012).

Horizon Cleveland was one of the 10 charter schools nationwide and the only charter school from Ohio, out of 350, to receive the award.

Horizon Columbus High School is the only charter school in Ohio to receive the 2012 National Blue Ribbon Award.

Excellent Ratings

Four of the Horizon Science Academies in Ohio are rated “Excellent” by the Ohio Department of Education in 2012. These schools are:

- HSA Springfield
- HSA Cleveland High
- HSA Cleveland Middle
- Noble Academy Cleveland

An Outlier: HSA Cleveland Middle

HSA Cleveland Middle School was featured in a report, “Needles in a Haystack,” by the Thomas Fordham Institute in 2010.

The report identified eight outlier schools that “showed significant achievement for disadvantaged youngsters from depressed inner-city communities.”
U.S. News & World Report Best High Schools List

Horizon Science Academy Cleveland High School made the “America’s Best High Schools” list by U.S. News & World Report twice, in 2008 and 2010. The Report analyzed almost 19,000 public schools in the United States to develop the list. HSA Columbus High School made the “America’s Best High Schools” list by U.S. News & World Report in 2013.

Distinguished School Award

Horizon Science Academy Cleveland High School received the federal “Distinguished School Award” by the National Association of State Title 1 Directors for closing the achievement gap between minority and white students in 2010.

Excellent with Distinction Rating

Noble Academy Cleveland was rated “Excellent with Distinction” by the Ohio Department of Education in 2010. Noble was the only charter school to receive such rating out of 350 charter schools.

Schools of Promise

Three of the Horizon Science Academies made the annual “Schools of Promise” list released by the Ohio Department of Education thus far. These were:

- HSA Cleveland High
- HSA Columbus High
- HSA Toledo High

Stanford CREDO Study High-performing EMO

Concept Schools was named among the highest-performing educational management organizations in 25 states in this in-depth 2013 study.

Second to None

Chicago Math and Science Academy was the highest-performing non-selective high school out of 97 within Chicago Public Schools, based on the Illinois PSAE test, in 2008.

In 2011 and 2012, Gateway Science Academy became one of the highest-performing charter schools in St. Louis in its first two years of operation.

Michigan Math and Science Academy was the highest performing school in its region with an “A” on its annual report card from the Michigan Department of Education in 2011.

Robotics Team Champion’s Award

Horizon Science Academy McKinley Park Hawks on the Horizon are the 2014 FIRST Robotics Competition Midwest Regional Champions. In 2013, HSA Cincinnati Wolves advanced to the World Championship and CMSA RoboTitans were invited to the North America Championship due to their success in Illinois State Tournaments.

2014 STEM Pioneer Leadership Award

The International Association for STEM Leaders recognized Concept Schools for its “world-class academic programming that prepares students for both college and future careers in STEM fields.”