HSA Columbus Middle School is open to all students, regardless of academic achievement, race, or economic background. There are no entrance exams or tuition.

HSA Columbus Middle School is managed by Concept Schools, a charter school management organization that serves 13,000 students in 30 successful charter schools in 32 campuses throughout the Midwest.
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Dear Students, Parents and Community Members:

We are pleased to present you with the Annual Report, which provides key information on the 2015-2016 educational progress for the Horizon Science Academy Columbus Middle School. The annual report addresses the reporting information required by federal and state laws.

We are excited about the educational opportunities that are available at Horizon Science Academy Columbus Middle School. Over the past years, we have implemented curriculum and improved our instructional practices to help students be more successful with their learning. We have high expectations from our students for this reason we started engineering classes, pre-algebra and Algebra classes. We also have a strong Science curriculum, which proved itself with an increase in state test scores. Our students are conducting experiments once a week in the Science Lab, which helps them to understand the topic better. These improvements will help your child be more prepared for the competitive work environments that all students will face within a few years.

At Horizon Science Academy Columbus Middle School (HSACMS), we believe that education is a shared responsibility and that the successful operation of a school depends on the cooperation of everyone concerned: students, parents/guardians and staff. We are trying to create a partnership among the members of this triad. For this reason we visit our students’ homes and meet with their parents. This year we visited 89% of our students’ homes. These home visits strengthen the relation between parents and school and makes a big difference on students achievements.

As it is written in our motto: “A school where dreams come true”, we are dedicated and motivated to create an environment where the students at HSACMS will develop the academic skills, intellectual habits and character traits necessary to maximize their potential in the future. As you can see on our school’s report card, HSACMS makes a big positive impact on our students’ academic achievements. We’ve got an “A” on value added on 2015-16 school report card and this is the result of our staff’s hard work.

All of our policies are intended to provide a safe and orderly environment that will be conducive to learning. Our faculty and staff are eager to share their expertise in academics, special programs and extracurricular activities. We encourage students to make the best out of their school, its faculty and staff, its programs and activities. We also urge them to become active participants in the school through classes, clubs and activities.

Our teachers and staff exceed our expectations and did a wonderful job. They are wholly responsible for creating a culture and environment conducive to learning and thinking at high levels. Our success is a testament to their long hours and passionate commitment to the students of HSACMS. We will continue to change the trajectory of our students’ lives and prepare them for a great future.

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

VISION
Our students will enter high school ready to tackle any academic challenge and will excel in the STEM subjects.

CORE VALUES
Horizon Science Academy Columbus Middle 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 (ORC) 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.”

Buckeye Community Hope Foundation (BCHF) bases its evaluation of school performance on each of the State required indicators and performance measures listed in the charter contract. BCHF monitors the performance of the community school thru attendance at board meetings, bi-monthly visits to the school, monthly reviews of financial reports and quarterly reviews of academic progress reports along with a number of other reports relative to the schools performance. Buckeye Community Hope Foundation served as the sponsor for Horizon Science Academy Columbus Middle School during the 2015-2016 school year, and found the school substantially compliant with the rules and regulations governing community schools.

All community school sponsors are required to submit a written report of the evaluation results of the school’s academic, financial, and organization performance as well as the school’s legal compliance to the Ohio Department of Education and make the report available to parents of students enrolled in the community school. As such, an Annual Report regarding the performance of this school and other schools under the sponsorship of Buckeye Community Hope Foundation will be posted on our website www.buckeyehope.org, no later than November 30, 2016.
BOARD OF DIRECTORS
Mr. Zafer Alpay, President
Mr. Enver Ozer
Mr. Nuh Aydin
Mr. Natenon Tongtai
Mrs. Connie Robinson Carter

SCHOOL LEADERSHIP TEAM
Murat Efe, Superintendent
Okan Celiker-Principal
Gregory Brown-Instructional Coordinator
Mark Monett-Dean of Students
Crystal Seeley- Dean of Students
Jamie Gibson- RTT Coordinator
Grade Chair (6th Grade) - Megan Parker
Grade Chair (7th Grade) - Hope Raschke
Grade Chair (8th Grade) - Brittany McVey

STUDENT DEMOGRAPHICS

Gender
Male: 218 (50.9%)
Female: 210 (49.1%)

Ethnicity
- African American: 88.6%
- Hispanic/Latino: 3.3%
- Multiracial: 2.3%
- White: 4.4%
- Asian: 1.4%
- Other: 4.3%

2015-2016 Average Attendance Rate: 95.7%
COMPARISON CHARTS

6th-7th Grade State Test

- 6th Grade Reading: 46%
- 6th Grade Social Studies: 30%
- 7th Grade Reading: 34%

8th Grade State Test

- 8th Grade Math: 39%
- 8th Grade Science: 40%
COMPARISON CHARTS

COMPARISON OF OH REPORT CARD RATINGS

Letter Grade of Overall Value Added
- HSA COLUMBUS MIDDLE: F
- COLUMBUS CITY: F

Letter Grade of Students with Disabilities Value Added
- HSA COLUMBUS MIDDLE: C
- COLUMBUS CITY: F

Letter Grade of Lowest 20% Value Added
- HSA COLUMBUS MIDDLE: A
- COLUMBUS CITY: F

Letter Grade of Progress Component
- HSA COLUMBUS MIDDLE: B
- COLUMBUS CITY: F

Performance Index Percent
- HSA COLUMBUS MIDDLE: 53%
- COLUMBUS CITY: 50.4%

Attendance Rate 2015-2016
- HSA COLUMBUS MIDDLE: 95.7%
- COLUMBUS CITY: 89.1%
Free-Reduced, ELL, & IDEA Eligibility

- Free/Reduced Lunch: 100%
- ELL: 14%
- IDEA Eligible: 7%
Comparison Charts

National vs School Mathematics NWEA Conditional Growth Percentile (CGP) Comparison

93% vs 50%

HSA Columbus Middle National Average

National vs School Reading NWEA Conditional Growth Percentile (CGP) Comparison

96% vs 50%
National vs School Science NWEA
Conditional Growth Percentile (CGP) Comparison

HSA COLUMBUS MIDDLE  NATIONAL AVERAGE

87%  50%
National vs School Overall NWEA Conditional Growth Percentile (CGP) Comparison

- **HSA COLUMBUS MIDDLE**: 92%
- **NATIONAL AVERAGE**: 50%
VIP GUESTS

Parent Choice Breakfast and Senator Bill Coley’s visit

Horizon Science Academy celebrated National School Choice Week with a breakfast to honor our parents and students. This year was a huge success with over 120 parents and students in attendance. We were pleased to host Senator Bill Coley at our school. His speech was inspirational, focusing on the power of choice and technology in the near future for our students. We thank all of our parents and staff who have chosen to be a part of our school here at Horizon Science Academy.
Reptile show
HOME VISITS

Horizon Science Academy believes that home visits increase communication, trust, and support between families and teachers and result in increased student attendance rates and test scores. Home visits also help create a great learning environment.

A great home-school relationship builds a great student-teacher relationship. In 2015-16 education year our staff visited 89% of our students’ homes. We believe these home visits made a huge positive effect on our discipline and academic progress.

CAREER DAY

This is our 3rd year organizing career day at our school. We invite people from the community with different professions and asking them to meet with our students to answer their questions about their professions. This gives them an idea of what is people's regular day in different professions and open their eyes for the real world and also a very good PR for the school. We had 14 speakers visited our school on December 17, 2015 and they made 15-20 minute presentation to all of our classes. Students were asking questions to the visitors from different careers.
Good Day Marketplace visited HSA Columbus Middle School. The students had a great time and the host of the show has a ton of energy to match the students. H.S.A students conducted some science experiments for Good day marketplace and explained the Science behind them. Overall, it was a good time for everyone involved. Credits for this major occasion go to our science teachers Mrs. McVey and Ms. Blaznek.
H.S.A Columbus Middle School took 2nd Best middle school award with 6 Gold Medals, 6 Silver Medals, 2 Bronze Medals and 2 Honorable Mentions.

ZamZam Mahamud, 7th Grade student, earned Best In Category for Environmental Science in Junior division. With this title ZamZam earned a $50 gift card and all expenses paid trip to GIRLS IN ENGINEERING, MATH AND SCIENCE AT OHIO NORTHERN UNIVERSITY science camp!

Thank you to all the hard work from the science teacher and students who participated!
Science Fair and Science Night

On January 21st 2016, Horizon Science Academy Middle School hosted their annual science fair. HSA honors students’ grades 6th-8th spent three months working on their projects.

They began with developing a scientific, testable question and each student developed their unique project from there. Twenty Judges from the community were invited to come view, and give feedback on the students’ projects. This provided a great opportunity for students to interact with professionals in multiple STEM fields.

In addition to the annual science fair, this year students participated in our first Math and Science Night. Students participated in several math and science activities, including; reptile show, bookmark making, paper rockets, math puzzles and tower building.

This time also provided an opportunity for the students to show off their hard work to parents, families and teacher. Overall, the science fair provided an opportunity for students to explore STEM topics outside of the curriculum. The students worked hard, and had a lot of FUN!
We have penpal friends from France!

Our 7th and 8th grade French students and French Club members received pen pal letters from middle school students at Collège Clément Marrot in Lyon, France! They were very curious to learn about our school and what types of music and TV shows our students like. We’ve mailed our letters back and we look forward to hearing from them again before the end of the year!

International Day At H.S.A Columbus Middle School

At Horizon Science Academy Columbus Middle School, we have a very diverse student body. There are 27 different countries represented at our school. International day at H.S.A.C.M.S is organized every year to celebrate our diversity. Students from different countries prepare a display board about their countries and share the traditional food from their countries with the visitors. Mr. Brown (Instructional Coordinator) says: For the past 8 years that I have been a part of HSACMS, this has always been one of my favorite days of the school year. It truly shows just how awesomely diverse our school is and how great it is to celebrate that diversity. Ms. Rogers and the students have done a great job again this year! Thank you Ms. Rogers!
EXTRACURRICULAR ACTIVITIES

CYSP Winter Camp

On Friday, January 15, an excited mass of students and teachers “flew the Hawk's nest,” boarding two buses destined for Deer Creek State Park. These fifty-six participants in the Concept Young Scholars Program and twelve of their dedicated mentors were eager to spend the next two days bonding together in the pursuit of accomplishing an assortment of the students’ CYSP goals. After feasting on pizza, the students spent their first night at camp crushing their high-scores on video games, watching movies in their cozy cabins, or boogying the night away at an all-girls dance party.

On Saturday, the students immersed themselves in two sessions of Character Education, participating in, and even facilitating, group discussions about empathy, friendship, and the importance of embracing constructive criticism as a tool to help achieve success. The climax of the afternoon was irrefutably the boys versus girls scavenger hunts, two events in which teams of students had to solve complex math equations, translate clues written in Turkish and Spanish, and collectively sing a popular Adele ballad before claiming victory. Students enjoyed hiking along Deer Creek's scenic trails and loved the gorgeous view of the Deer Creek reservoir. The day concluded around a bonfire, during which students made s’mores and practiced teamwork by helping keep the toasty flames aglow!

The air buzzed with excitement on Sunday morning as students and their mentors bundled up in preparation for a day of snow tubing at Mad River Mountain in Zanesfield, Ohio. This culminating activity was a brand-new experience for the majority of our CYSP students; everyone absolutely loved it! Horizon Science Academy Columbus Middle School even helped set a seasonal-record at the resort by forming a tube-train that was forty participants long. In the words of an excited seventh grader, it was “tube-tastic!"

However, after three hours of playtime in the bitter cold, our crew was more than happy to return home to the warm, waiting arms of their families. It was a fantastic weekend that the students and staff have been fondly reminiscing about ever since. After all, when fifty-six CYSP students spend their time outside of the classroom under the guidance of their mentors, they are sure to have a good time.
Horizon Science Academy Columbus Middle School started to offer new foreign language class in 2014; "French". This new option is an alternative to our Spanish and Turkish classes. Here is a brief summary what we’ve done with our French class cultural activity; Bastille Day.

Bastille Day is a French holiday that celebrates the beginning of the French Revolution. In Paris, people celebrate by watching a military parade that goes down the Champs-Elysées in the morning and then ending the day by watching fireworks at the Eiffel Tower at night. On January 29, we had our own Bastille Day celebration at Horizon Science Academy Middle School Columbus! The assembly started with students giving an explanation in French and in English about the history of Bastille Day and how it is celebrated. Then, the choir sang the French national anthem, La Marseillaise. Next, 20 students showed off their dance moves in a Tecktonik dance, which is a street dance that originated in Paris in the early 2000s. One of the music classes then serenaded us with a performance of Frère Jacques. And lastly, students displayed their fireworks inspired art. The celebration continued during lunch, when students got to enjoy some beignets, a donut-like pastry.

Vive la France!
FISCAL RESPONSIBILITY

Horizon Science Academy Columbus Middle School
Statement of Revenues, Expenses and Change in Net Position For the Fiscal Year Ended June 30, 2016

OPERATING REVENUES:

- Foundation payments $3,306,694
- Classroom fees 22,368
- Extracurricular activities 18,945
- Other revenue 71,786
  Total operating revenues 3,419,792

OPERATING EXPENSES:

- Salaries 1,955,317
- Fringe benefits 392,805
- Purchased services 1,510,075
- Materials and supplies 371,706
- Depreciation 136,280
- Miscellaneous 166,113
  Total operating expenses 4,532,295
  Operating loss (1,112,502)

NON-OPERATING REVENUES:

- Restricted grants in aid - federal 894,968
- State and other grants 96,374
- Donated management fee 31,718
  Total non-operating revenues 1,023,060

Change in net position (89,442)
Net position, beginning of year (3,775,178)
Net position/(deficit), end of year ($3,864,620)
HSA Columbus Middle School is part of a larger network, Concept Schools, with a successful track record.

Chicagoland-based Concept Schools (Concept) is a not-for-profit charter school management organization that currently manages 30 high-quality charter schools in seven different Midwest states.

All Concept-managed schools implement the same educational 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.

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.”
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.”