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

HSACMS is managed by Concept Schools, a charter management organization that serves 13,000 students in 30 successful charter schools throughout the Midwest.
Dear HSA Columbus Middle School Families and Friends,

We are pleased to present you with the Annual Education Report, which provides key information on the 2014-2015 educational progress for Horizon Science Academy Columbus Middle School (HSACMS). The administrative team and the staff at HSACMS are caring, competent, dedicated and willing to assist the students. We are working very hard to provide the best possible learning climate for students.

At 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. Our mission is to create a partnership among the members of this triad. Each of us is responsible for doing our part to make our school a place where we can work and play together in harmony. 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. Horizon Science Academy is a reflection of all of us. 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 exceeded 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 work to make HSACMS: “A School Where Dreams Come True.” On behalf of the entire Horizon Science Academy staff and community, best wishes for a great future.

Sincerely,

Okan Celiker
Principal
MISSION

We foster an environment of inquiry and a love of learning so students are prepared to thrive in STEM-focused high school, college, and the world.

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.
Ethnicity  Count  %  
African-American  437  86.2%  
Hispanic/Latino  18  3.6%  
Multiracial  13  2.6%  
White  31  6.1%  
Other  8  1.6%  

Gender  Count  %  
Female  264  52.1%  
Male  243  47.9%  

Economically Disadvantaged  
2014-2015 Average Attendance Rate 93.8%
NWEA 2014-2015: Student Growth

OVERALL READING

HSA Columbus Middle: 57.7
National Average: 50

OVERALL MATH

HSA Columbus Middle: 52.8
National Average: 50

OVERALL SCIENCE

HSA Columbus Middle: 62.5
National Average: 50
Our school did an awesome job at the CONSEF Science Fair! We received the following medals:

6th Grade - 2 Gold

7th Grade - 1 Gold, 1 Silver

8th Grade - 1 Silver, 2 Bronze

We would like to inform you regarding the big success of the students in Robotics Club. As a team they did a great job all year. We had 1st place out of 12 teams in the FLL competition on December 13th. The competition was at Horizon Elementary School. It was an amazing competition. Thank you very much to our staff for visiting the students during club time, and a huge thanks to the parents for supporting us. Special thanks to Mr. Okan (School’s Director) and Mr. Disli (Superintendent) for coming and showing their support for the team, as well as the parents who came out to support!

Alan Sanchez-Salgado (8th Grade)
Jesus Salgado Sanchez (8th Grade)
Christian Ramos (8th Grade)
Jason Nguyen (8th Grade)
Jeremy Achempong (8th Grade)
Justin Nguyen (6th Grade)
Tyler Fowsantia (6th Grade)
Dylan Notoma (6th Grade)
Congratulations to our Spelling Bee participants who traveled to Chicago! The team consisted of Amaya Barrett representing the 6th grade, Jamele Croom Jr. representing the 7th grade, and Yusuf Matan representing the 8th grade. Jamele Croom Jr. won 1st place for the 6th-8th grade category. They also won 1st place in points out of all the other schools. Great job representing HSA Columbus Middle School, and congratulations!

This was the fifth year for the Concept Schools Art Fair. Horizon Science Academy students excelled in their creative works of art, and many of our students’ artistic skills were recognized with awards.
EXTRACURRICULAR ACTIVITIES

HSA Middle School Talent Show

On May 29th's Fun Friday, students were able to perform in the school Talent Show. There were plenty of fantastic singers at the show, as well as a few other talents. HSA is very proud to display each skill our students’ possess, and love that they decided to share their abilities with the rest of the school. Great job to all participants in the Talent Show!

Students, teachers, and parents got to relax and enjoy the time together, whether they were participating in group activities, the inflatable toys, or being an audience for the shows put on by the students. Thanks to everyone who came out! It was a blast!

National School Choice Breakfast

On Jan 23, 2015, HSA Middle School held our National School Choice Breakfast for parents and students to thank them for choosing Horizon Science Academy. As a token of our gratitude all parents were invited to attend a catered breakfast with their child. Many families elected to join us for our National School Choice Breakfast to celebrate the partnership between the parents and HSA. Guests were treated to a performance by the school choir.

15-Year Anniversary Dinner

Horizon Science Academies celebrated our 15th Year Anniversary with a dinner. All Horizon Science Academy staff, parents and community members participated to the dinner at The Ohio State University.
In addition to our strong academic programming, we wanted to offer students another opportunity to make their college applications more competitive. Our primary goal is to give an extra edge and reach to strong students so they can be eligible for more resources in their college life.

IMP is a free college-based mentoring program for selected HSA students that focuses on contributing to the academic achievement and personal development of its participating students.

The Program consists of multiple disciplines and activities combined into one package by working in small groups with the mentorship of an HSA Volunteer Teacher.
College and Career Day

Horizon Science Academy Columbus Middle School hosted College Day on Wednesday, April 1st and Career Day on Thursday, April 2nd, respectively. Our goal was to expose our students to as many professional careers as possible and to get them excited about their futures.

Wax Museum

On March 13th, 6th grade students in Ms. Dunkley's and Ms. Devotie's English Language Arts classes organized a wax museum for 7th and 8th grade classes to come visit during the day. Students and teachers wandered around the “wax museum” listening to students acting as famous and historical figures come to life in various interactive presentations.

Science Expo

Can you walk on eggs, create lightning, or stack liquids? These were some of the feats performed by 6th and 8th grade students. The various science “magic” tricks amazed and stupefied the audience. Each student revealed their secrets by explaining the science behind the trick.

HSA Annual International Day

On May 21, 2015, HSA Middle School celebrated our Annual International Day. Over 26 countries were represented in this fantastic event. Great job to Ms. Rogers for organizing this with the students!
Walk in the Pink Parade

On Thursday, May 28th, we hosted the Pink Parade to raise Breast Cancer awareness to support our very own Ms. Rogers and to raise money for the Stephanie Spielman Breast Cancer Research Foundation! The Ohio State Buckeye National Champs came out to support the cause as well!

Intramurals

Students met after school daily to play sports intramurals with Mrs. Lince. The activities varied throughout the year. Students participated in flag football and cross-country at the start of the year. During the winter months the students moved on to playing basketball and volleyball and soccer in the spring. Many staff members enjoyed participating too. Students enjoyed the challenge and the physical activity.

American Red Cross Blood Drive

HSACMS co-hosted a blood drive with surrounding schools to increase parental interest in donating.

STEM at the Statehouse

HSACMS students performed STEM and robotics demonstrations at the Ohio Statehouse for our elected officials.
Visiting Senators Lehner and Sawyer at Ohio Statehouse

The students visited Senator Lehner and Senator Sawyer from the Senate Education Committee. They were able to ask questions about their jobs and what they do for us in the community.

HSA Visiting Representative Stephanie Kunze

Representatives from our four Concept Schools in Columbus visited Representative Stephanie Kunze at her office on September 25th. Rep. Kunze serves parts of the central Ohio region and was a great influence for our students. She shared her experiences and how she went from a school secretary to serving in the Ohio House of Representatives.

ABC6/FOX28 News Anchor Katie Garner visited HSA Columbus Middle School

On Wednesday, January 14th, Katie Garner from ABC6/Fox 28 News dropped by to visit Dr. Raschke’s 7th period class to discuss character development. She shared some of her own personal experiences and development, including how she became a well-respected member of the community. Students enjoyed meeting Garner, as well as hearing all she had to share!
Senator Bill Coley visited HSA Columbus Middle School

Senator Bill Coley visited HSACMS and gave a speech to our 7th grade character education class students. Senator Coley emphasized the importance of honor, inspiration and passion in his speech.

Author Ms. Shelley Pearsall Visited Our School

Shelley Pearsall, award-winning author of Trouble Don’t Last and All of the Above, visited Horizon's sixth grade students to teach creative writing workshops. As students followed her Elvis-inspired theme of “Walk a Mile in My Shoes,” they learned about all of the hard work that goes into creating memorable characters, what it takes to write a novel and ended the day with an inspiration to write.

Visit to Representative Michael Stinziano

Students from HSA Elementary, Middle, and High Schools and Noble Academy visited State Representative Michael Stinziano at the Ohio Statehouse on November 25th. Representative Stinziano represents the 18th district which includes Bexley, Franklinton, German Village and Merion Village. During the visit, he gave a brief summary about his early background, studies in law, and his daily life as a representative. A native of Columbus, Ohio, Representative Stinziano works for the good of both Democrats and Republicans and is willing to do whatever he can to help his district to be the best it can be.
FISCAL RESPONSIBILITY

Horizon Science Academy Columbus Middle School
Statement of Revenues, Expenses and Change in Net Position
For the Fiscal Year Ended June 30, 2015

<table>
<thead>
<tr>
<th>OPERATING REVENUES:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation payments</td>
<td>$3,140,446</td>
</tr>
<tr>
<td>Classroom fees</td>
<td>14,741</td>
</tr>
<tr>
<td>Extracurricular activities</td>
<td>10,129</td>
</tr>
<tr>
<td>Other revenue</td>
<td>25,293</td>
</tr>
<tr>
<td>Total operating revenues</td>
<td>3,190,609</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OPERATING EXPENSES:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>1,624,573</td>
</tr>
<tr>
<td>Fringe benefits</td>
<td>320,861</td>
</tr>
<tr>
<td>Purchased services</td>
<td>1,457,545</td>
</tr>
<tr>
<td>Materials and supplies</td>
<td>283,400</td>
</tr>
<tr>
<td>Depreciation</td>
<td>124,896</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>148,438</td>
</tr>
<tr>
<td>Total operating expenses</td>
<td>3,959,714</td>
</tr>
<tr>
<td>Operating loss</td>
<td>(769,104)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NON-OPERATING REVENUES (EXPENSES):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted grants in aid - federal</td>
<td>775,716</td>
</tr>
<tr>
<td>State and other grants</td>
<td>66,311</td>
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<tr>
<td>Total non-operating revenues (expenses)</td>
<td>842,028</td>
</tr>
<tr>
<td>Change in net position</td>
<td>72,923</td>
</tr>
<tr>
<td>Net position, beginning of year</td>
<td>(3,838,011)</td>
</tr>
<tr>
<td>Net position, end of year</td>
<td>($3,765,088)</td>
</tr>
</tbody>
</table>

Revenue
- Foundation payments 78%
- Federal grants 19%
- State and other grants 2%
- Other revenue 1%

Exenses
- Salaries 41%
- Fringe benefits 8%
- Depreciation 3%
- Miscellaneous 4%
- Purchased services 37%
- Materials and supplies 7%
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.” 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.

Buckeye Community Hope Foundation (BCHF) served as the sponsor for Horizon Science Academy Columbus Middle School during the 2014-2015 school year. BCHF monitored the school’s academic and fiscal performance, as well as organization and operation of the school, and determined that the school was substantially compliant and found the school to be educating its students in a manner consistent with the school’s mission.

### Board of Directors
- Nuh Aydin, PhD, President
- Enver Ozer, MD
- Zafer Alpay
- Adem Cakmak, PhD
- Veysi Malkoc, PhD
- Jane Smirniotopoulos, PhD

### Administrative Team
- David Disli, Superintendent
- Okan Celiker, Principal
- Mark Monett, Dean of Students
- Crystal Seeley, Dean of Students
- Greg Brown, Instructional Coordinator

### Teachers and Support Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akkan, Orhun</td>
<td>Science</td>
</tr>
<tr>
<td>Berry, Magdalena</td>
<td>Cafeteria / Food Service Staff</td>
</tr>
<tr>
<td>Betsko, Erin</td>
<td>Art</td>
</tr>
<tr>
<td>Blackstone, Danielle</td>
<td>Language Arts</td>
</tr>
<tr>
<td>Brown, Greg</td>
<td>Instructional Coordinator</td>
</tr>
<tr>
<td>Cakir, Tevfik</td>
<td>Turkish Teacher</td>
</tr>
<tr>
<td>Celiker, Okan</td>
<td>Principal</td>
</tr>
<tr>
<td>Gelpis, Siraj</td>
<td>Computer Teacher &amp; IT Manager</td>
</tr>
<tr>
<td>Gibson, Jamie</td>
<td>Mathematics Teacher &amp; Mathematics Dept. Head</td>
</tr>
<tr>
<td>Gipson, Karissa</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Gocmez, Iclal</td>
<td>Title I Math Teacher</td>
</tr>
<tr>
<td>Iacobucci, AJ</td>
<td>ESL Teacher</td>
</tr>
<tr>
<td>Jama, Idil</td>
<td>Translator &amp; Secretary</td>
</tr>
<tr>
<td>Karpuz, Deanna</td>
<td>Science</td>
</tr>
<tr>
<td>Lince, Julie</td>
<td>Physical Education Teacher &amp; Specials Dept. Head</td>
</tr>
<tr>
<td>Lortz, Samantha</td>
<td>Language Arts</td>
</tr>
<tr>
<td>Mays, Lois</td>
<td>Cafeteria / Food Service Staff</td>
</tr>
<tr>
<td>McVey, Brittany</td>
<td>Language</td>
</tr>
<tr>
<td>Monett, Mark</td>
<td>Dean of Students</td>
</tr>
<tr>
<td>Parker, Megan</td>
<td>Social Studies Teacher &amp; 6th Grade Chair</td>
</tr>
<tr>
<td>Raschke, Hope</td>
<td>Social Studies Teacher &amp; 7th Grade Chair</td>
</tr>
<tr>
<td>Rogers, Treva</td>
<td>Social Studies Teacher &amp; 8th Grade Chair</td>
</tr>
<tr>
<td>Seeley, Crystal</td>
<td>Dean of Students</td>
</tr>
<tr>
<td>Smith, Layne</td>
<td>Special Education Teacher</td>
</tr>
<tr>
<td>Sudderth-Turner, Tejina</td>
<td>Administrative Assistant</td>
</tr>
<tr>
<td>Tammarine, Sydney</td>
<td>Spanish</td>
</tr>
<tr>
<td>Tate, Robert</td>
<td>Substitute Teacher</td>
</tr>
<tr>
<td>Wright, Lori</td>
<td>Nurse</td>
</tr>
<tr>
<td>Yagci, Mehmethan</td>
<td>Mathematics</td>
</tr>
</tbody>
</table>
School has friendly and welcoming atmosphere for parents.
School cares about students.
School has high expectations with regard to student achievement.
School has positive atmosphere for learning.
School offers strong academic program.
School is supportive of parents and handles my concerns in a timely manner.
School has resources necessary to work effectively.
School prepares students to do well on the state, district, and classroom assessments.
My child is given challenging work at school.
My child looks forward to coming to school.
School enforces the rules.
School clearly communicates the rules and expectations.
School promotes a drug-free environment.
School makes sure students are safe while on school grounds.
School building is neat, clean, and well-maintained.
School disciplines students fairly.
School helps students improve their behavior when they break rules.
School employs staff who act in a professional manner.
School teaches students to value, respect, and tolerate differences in others.
School allows me to express my opinion or speak up at school meetings.
School sends me information about the school on regular basis.
Administration is easily accessible.
Administration communicates school's mission/vision/goals effectively.
Teachers are easily reachable and get back to me when needed.
School provides parents with opportunities that I would not otherwise have in other schools.
I am pleased with the socio-emotional growth of my child.
I am pleased with the academic progress of my child.
I am always included in decisions by the school that affect my child's performance.
I am very pleased with my child's school.
I would recommend this school to any other parent without hesitation.
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.

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 I 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**

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.”