HORIZON SCIENCE ACADEMY
COLUMBUS MIDDLE SCHOOL

ANNUAL REPORT 2011-2012

HORIZON SCIENCE ACADEMY
COLUMBUS

Managed By

Sponsor: The Buckeye Community Hope Foundation

HORIZON SCIENCE ACADEMY COLUMBUS MIDDLE SCHOOL
2350 Morse Road. Columbus, OH 43229
Tel: (614) 428-6564 Fax: (614) 428-6574
From the Director,

The administrative team and the staff at Horizon Science Academy Columbus Middle School (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, activities. We also urge them to become an active participant 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. On behalf of the entire Horizon Science Academy staff and community, best wishes for a great future.

Sincerely,

Alper SARLI - Director

Per requirements in Ohio Revised Code 3314.03 (D)(2), as the Sponsor of Horizon Science Academy Columbus Middle School, Buckeye Community Hope Foundation monitored and evaluated the academic, fiscal, organizational, and operational performance of Horizon Science Academy Columbus Middle School for the 2011-2012 school year, and found the school to be substantially compliant and determined the school to be educating its students in a manner consistent with the school’s mission.
School’s Mission

Recognizing that educational success will be realized only when the essential underlying triad of student, teacher, and parent/guardian is in harmony, the mission of the Horizon Science Academy Columbus is to create a partnership among this triad that will provide our youth with the support necessary to reach their highest potential, intellectually, socially, emotionally and physically. The educational vision and innovation, which are crucial to accomplishing this mission, are organized under two main headings: specific elements and whole-school design. The specific design elements fall into five (5) categories:

1. Rigorous curricula, instruction, and assessment;
2. Leadership, governance, and staffing;
3. Parent and community involvement;
4. Technology;
5. Financing.

Whole-school design involves the comprehensive and continuing effort to realize these five essential elements in an integrated manner. It is our belief that each child has an inherent curiosity and love of learning; and that each child has a unique intelligence, level of capability, and learning style. With this in mind, we motivate our students and expect them to strive toward their highest levels of capability while addressing their individual learning styles, thus fostering within them a lifelong love of learning.

It is the educator's responsibility to construct a program which engages and motivates students to invest their talents, energy, and enthusiasm in completing their school work in an exemplary manner. Individual attention in the form of one-on-one tutoring, intensive counseling and individualized goals is the key to motivating our students.

Since adolescents thrive in an environment of diversity, we strive to create a diverse learning environment. Diversity is not only a motivating factor, but is an essential element in a well-rounded education. It also serves as a key to success in our diverse American society, our institutions of higher learning, and our interconnected global economy. Multi-cultural aspects are integrated into our curricula not only through geography and foreign language but also within each of our subject areas. Our students are encouraged to make additional contact with other cultures by participating in our student exchange programs and academic Olympiads.

The development of healthy attitudes and values are integral parts to a student's success in the classroom and in the community. These attitudes are instilled most effectively through adult role models. Besides being crucial to implementation of
the mission of HSACMS, staff provides the most immediate role models for our students. Staff are thus meticulously selected and trained, then held to the highest standards of conduct. It is the responsibility of the School Board of Education, in alliance with the community, to guide the school, holding it true to its mission. To this end the School Board of Education provides the school with support, which ensures optimal conditions for the achievement and continuing growth and development of each student.

Continuous improvement, persistent innovation, positive response to change, and a commitment to continuous growth are expected of all the people and programs at HSACMS. The public's resources and those of the School Board of Education are effectively committed to ensure that these expectations are met. That also ensures our tested educational vision, infused with the energy of local innovation, harmonize the triad of student-teacher-parent/guardian support to accomplish our mission, that of providing each student with the motivation and resources to reach his or her highest potential and realize his or her greatest aspirations.

School’s Philosophy
The immediate goal of HSACMS is to prepare students for academic success in their further education, to enable students to keep open a broad spectrum of options for their future endeavors, and to prepare them to be responsible and productive citizens.

We believe that an educated citizen in the 21st century must have the skills and understanding to participate and work productively in a multicultural, globally-oriented environment, including the skills required to use technology to its full potential.

School’s Curricular and Instructional Focus
The school focuses on core knowledge and essential skills so that the children may achieve the mastery upon which further learning will build. The HSACMS’s education program also includes comprehensive health and physical education. The HSACMS’s grade-level outcomes meet Ohio Core Curriculum Content Standards and are defined in part by referring to existing national and international standards.

In the course of their studies, students at HSACMS are expected to develop and sharpen the skills necessary to formulate a question or define an issue. They learn to find relevant information using appropriate tools and to evaluate it through critical thinking and quantitative analysis, based on which they solve problems and make decisions. They are able to organize and present their work both orally and in written or graphic form. HSACMS strives to lead every student to these
accomplishments, which are essential to future success in school and at work, to the responsibilities of citizenship, and to the satisfactions of a cultivated mind.

Excellence and Equity in Education
Interest in rigorous early education crosses all demographic boundaries. HSACMS seeks a diverse student body and offers those students both excellence and equity in education. The school's strong academic program reduces achievement gaps by eliminating an important cause the insufficient mastery of basic knowledge and skills required for further academic achievement. HSACMS uses a variety of teaching methods to ensure mastery of appropriate skills, ideas, and knowledge for all students, regardless of race, gender, or the family's socio-economic background.

HSACMS is responsible for meeting the educational needs of its students without parents resorting to outside tutoring provided parents/guardians support the school's mission by ensuring home study sessions and homework completion. Beyond its core program, HSACMS is dedicated to challenging and stimulating every child.

Choice in Education
Horizon Science Academy Columbus Middle School's third main goal is to provide a real choice among education opportunities for students, parents, and teachers. The availability of choice is an important element in educational accountability and promotes higher standards throughout the system. Those students whose families prefer a rigorous early education may choose HSACMS, while remaining free to return to the regular public schools in the district of their residence if they become dissatisfied. This mechanism puts emphasis on the needs of the students, and helps to ensure that these needs are met in either regular public schools or HSACMS Columbus. The accountability that choice encourages is also to help maintain strong public support for public education as a whole. By meeting its objectives, HSACMS provides children with a positive educational and social experience in a structured, challenging yet nurturing environment. It is a community in which students, teachers, and parents are jointly aware of and committed to the mission and goals of the school.

Specific Objectives
The school incorporates an integrated curricula organized around global themes to ensure that each student acquires and apply core concepts and principles from math, science, technology, social studies, language arts, communication, creative
arts, vocational, and practical living skills to situations similar to what they experience in life.

Each student will gain an understanding of his/her individual learning style and intelligence, and will develop strategies to adapt these to different situations/tasks. Each student will develop life-long learning skills including self-assessment, goal-setting, critical thinking, information processing, problem solving, effective communication, collaboration and cooperation, self-discipline, and creative expression. All work at HSACMS is undertaken in a manner that supports, embraces, and demonstrates the effectiveness and efficiency of participatory and developmental leadership and coalition building. HSACMS promotes the importance to the community of conveying to youth a sense of purpose, belonging, and to foster an understanding of the influence these factors can play in the growth and development of these students.

**About HSACMS**

The Horizon Science Academy Columbus Middle School is a public school, which is funded by public sources and operated independently by a School Board of Education under a charter granted by the Board of Education of the State of Ohio.

The purpose of the HSACMS is to fully prepare students to carry the torch of knowledge, freedom, and prosperity which is passed from generation to generation in this great country. HSACMS is a small, structured school, with approximately 330 students attending at full enrollment in grades 6-8 delivering a rigorous, innovative educational program integrating the following themes:

**Curricula:** The core curriculum is providing students with a rigorous program of studies in the areas of mathematics, science, social studies, and language arts. The school has high expectations of all students, and develops and monitors individual plans for them.

**Attitudes:** Reinforcement of productive attitudes toward work, community, school, friends, and self; a willingness to sacrifice for the common good, as well as for personal fulfillment; deep respect for family, school and community; and the capacity to appreciate the opportunities life offers.

**Individual attention:** The importance and abilities of each individual student is a focal point at all times. Each and every student at HSACMS is regarded as a unique, valued and vital member of the school community;

**Participation:** Community service is embedded through the curriculum to perpetuate constructive participation by students, parents, staff, and citizens in the life of the school and the community and directly carry the school experience into
the real world, through higher education, work, family, and community and civic affairs;

Reform and accountability is the initiating and guiding principle, with excellence as a standard, as well as the goal, the school must achieve to remain in business. Accountability is clear: just as business must adapt itself to new technologies, new demands from its consumers, and the invention of new or the obsolescence of old products to thrive, so must education.

Priorities and policy discussions focus on the students. Teachers lead in every sector. Parents and students will be expected to volunteer their time, and participate from the beginning in programs and policy development, including a dress code, code of conduct, cultivation of a healthy and respectful atmosphere in the school, and selection of exploration programs.

HSACMS is committed to modeling new ways of returning tax and private dollars to the classroom keeping overhead costs at a minimal level so that at least three fourths of total expenditures is at the classroom level. HSACMS addresses social issues such as drugs, violence, and health at an age appropriate level, through the prism of community service learning techniques. In accordance with its staff, the School Board of Education establishes the hiring and employment practices of the school. To correlate to their professional colleagues in the business community, teachers receive performance-based pay, as well as professionally designed training and development programs that draw on the most advanced practices.

In order to support all school families, the school is open from 7:30 a.m. until 4:00 p.m., with academic hours from 7:50 a.m. until 2:34 p.m.

Recognizing the enormous stresses of modern life, families are supported in contributing to the success of their children's education in a manner that enhances family life. The school stresses an atmosphere of trust, safety, structure, open communication, and ownership through use of community service learning, class meetings, assemblies, workshops, community open houses, student performances, and student/teacher/parent goal setting and assessments. The Horizon Science Academy is directly accountable to the people of Columbus just as in any business.

**Transportation options:** Horizon Science Academy is using Columbus School District Buses for the transportation of students. The relationship between HSACMS and Transportation Department of Columbus School District is getting better although we have some ongoing issues.

**Satisfactory discipline:** Educational excellence that is described in our educational philosophy, Horizon Science Academy Columbus must eradicate interruptions and situations that hinder forward progress. Students come to
HSACMS with a firm understanding of the high expectations and commitments that we ask of the student as well as the family. Upon enrollment, all families are asked to review and sign a contract that outlines the standards we expect our students to adhere to without exception. Each family receives a Horizon Science Academy Student/Parent Handbook that explains in-depth each requirement and the conditions of enrollment. Also each requirement is accompanied by the consequence thereof.

**Dedicated staff:** Horizon Science Academy employs its staff on a yearly basis. The point behind this is to be able to hire the most effective and dedicated candidates. Horizon staff attends seminars and workshops to raise themselves to deliver better and well-tailored education. They are also required to provide one-on-one tutoring for after-school hours and sponsor a club activity.

**Five Essentials of Horizon Science Academy**

1. Maximal Expectations
HSACMS has clearly defined measurable high expectations for academic achievement and conduct that make no excuses based on the background of students. Students, parents, teachers, and staff create and reinforce a culture of achievement and support, through a range of formal and informal rewards and consequences for academic performance and behavior.

2. Commitment
Students, their parents, and the faculty choose to participate in the HSACMS program. No one is assigned or forced to attend the school. Everyone must make and uphold a commitment to the school and to each other to put in the time and effort required to achieve success.

3. Determination
HSACMS knows that there are no shortcuts when it comes to success at HSACMS and life. With a determination on extended school day, week, and year, students have more time in the classroom to acquire the academic knowledge and skills that will prepare them for competitive high schools and colleges, as well as more opportunities to engage in diverse extra-curricular experiences.

4. Involvement
The principles of HSACMS are effective academic and organizational involvement who understands that great schools require great student and parent involvements. Parents and teachers should expect maximum effectiveness in helping students learn though projects, competitions, national and international trips, educational camps, and all other school-related activities.

5. Focus
HSACMS pursues relentlessly on high student performance on standardized tests and other objective measures. Just as there are no shortcuts, there are no excuses. Students are expected to achieve a level of academic performance that enables them to succeed in the nation's best high schools, colleges, and the world beyond.

**Concept Schools**

HSACMS has a management agreement with Concept Schools. The mission of Concept Schools is to create or help to create effective schools, where the common goal of running schools is to excel student learning through clear goals and innovative educational school designs and approaches. The services of Concept Schools are categorized in three areas:

(a) School start-up services for new schools  
(b) Need based individual school services from program design to managing school operations and recruiting students.  
(c) A “from the ground up” K-12 Science Academy design. Concept Schools carries over twenty-five years of experience into the challenging job of starting new schools in four states. Their experience with determination, commitment, expertise, and clear grasp of all essential tasks have helped public charter schools to get them off the ground and establish themselves as fine educational programs. Concept Schools offers a proactive and practical approach to deal with this quandary at K-12 education. Concept Schools’ approach follows a three-face scientific method in healing educational predicaments of our schools. In the first face, our experts identify the needs or the problems. The major contributing factors to the problem are identified in less than a week with site visits. Proper services are offered in site or out of site on the basis of needs in the second phase. Evaluation and assessment of end results are offered for further improvement in the last face. Concept Schools’ services may be obtained as a package or particular services may be selected if the needs are already identified locally. In case of prior needs analysis, the Concept Schools offers services directly satisfying the needs or referring to the problem. Sometimes, only assessment and evaluation of performance of programs, approaches or individuals may be needed. Concept Schools offer valid and reliable assessments for further improvement in such cases.

Concept Schools guarantees success or progress in educational indicators and results. This guarantee is assured because:
- Our personnel offer expert services
- Our services meet the needs specified or refers to the problems identified
- Our services include proven and innovative approaches and techniques
- Our services incorporates the process with results and outcomes
- Proven success stories with cooperating schools
Governing Board Members

**President**
ENVER OZER, MD
Associate Professor, Department of Otolaryngology
1308 Donahey St.
Columbus, OH 43235
Phone: 614 293-8074
Email: enver.ozer@osumc.edu

**Vice President**
MELVIN V. RICHARDSON, JD
204 N 22nd St.
Columbus, OH 43203
Phone: 614 258-1425, 614 645-8871
Email: mvrichardson@columbus.gov

NUH AYDIN, PhD - Associate Professor of Mathematics
Department of Mathematics
Kenyon College Gambier, OH 43022
Phone: 740.427.5674 Fax: 740.427.5573
Email: aydinn@kenyon.edu

HALIL SEZEN
470 Hitchcock Hall
2070 Neil Avenue
Columbus, Ohio 43210
Phone: 614 292-1338
Email: sezen.1@osu.edu

OGUZ KURT, Phd
The Ohio State University
5273 Meadowknoll Ln.
Columbus, OH
Phone: 614-5985880

<table>
<thead>
<tr>
<th>HSACMS Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Position</strong></td>
</tr>
<tr>
<td>Director</td>
</tr>
<tr>
<td>Dean of Students</td>
</tr>
<tr>
<td>Instructional Coordinator</td>
</tr>
</tbody>
</table>
HSACMS is taking strong steps toward academic excellence by its strong academic set-up. Grade Chair and Department Head system have a lot to do in pursuing our standards. After the establishment of Grade Chair and Department Head system, there have been remarkable positive changes in academic progress of the students and the school. Functions of those are given briefly, below.

**Grade Chair**
The purpose of the grade chair system is to foster teacher communication regarding student issues. This allows a team approach to ensuring student success. The grade chair acts on behalf of all the teachers of a particular grade level and organizes meetings for a variety of purposes. Teachers discuss concerns regarding student behavior, grades, and schedules. The team then decides on action items relevant to a student’s needs. Typically, this includes letters sent home or phone calls to express concerns or set up in-person parent meetings. The grade chair also helps collect feedback from teachers regarding school issues and grade appropriate activities. The teachers add the time they called parents/guardians and the result of their conversation in details to the “Call Log” during this meeting. The members of grade chair meetings are also the members of the intervention team for IEP students. Special Education Teacher works collaboratively with these members.

**Department Head**
The Department Head is responsible for the administration and leadership of departmental programs in teaching, research, extension education and finding resources. The Department Head will supervise the members of the department, manage resources, and coordinate facility use in HSACMS and be responsible for program and professional development of the department. They do classroom observations and inform the Director and Dean of Academics in the monthly Department Heads Meetings.
The total number of students is 330. The grades served are 6, 7, and 8.

<table>
<thead>
<tr>
<th>Number of students</th>
<th>Grade Level</th>
<th>Male</th>
<th>Female</th>
<th>Economically Disadvantaged</th>
<th>IEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>330</td>
<td>6, 7, 8</td>
<td>155</td>
<td>175</td>
<td>298</td>
<td>26</td>
</tr>
</tbody>
</table>

Demographics By Race

<table>
<thead>
<tr>
<th>Race</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>267</td>
</tr>
<tr>
<td>White</td>
<td>40</td>
</tr>
<tr>
<td>Hispanic</td>
<td>12</td>
</tr>
<tr>
<td>Multiracial</td>
<td>5</td>
</tr>
<tr>
<td>Asian/Pasific Islander</td>
<td>6</td>
</tr>
</tbody>
</table>

Male-Female Ratio

- Male: 53%
- Female: 47%

School Demographics

- African American: 81%
- White: 12%
- Hispanic: 4%
- Economically Disadvantaged: 2%

Percentage of Low Income Families

- Regular: 90%
- Economically Disadvantaged: 10%
- Other: 10%

Ratio of IEP Students

- Regular: 92%
- IEP: 8%
**Attendance Rate**

- Attendance Rate: 95.8%

**Student Retention Rate**

<table>
<thead>
<tr>
<th>Total Student Number (excluding graduated students)</th>
<th>Retained</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>224</td>
<td>208</td>
<td>93.5</td>
</tr>
</tbody>
</table>

**Student Retention Rate**

- Student Retention Rate: 93.5%
Educational Performance

Below are our Ohio Achievement Assessment (OAA) scores at the end of 2011-2012 year. Based on the preliminary data published from ODE in October, we are rated as **Continuous Improvement** school by having a performance index score of 88.1 out of 120. We met AYP and our value added measure was met as well.

<table>
<thead>
<tr>
<th>School Name</th>
<th>2011-2012 Performance Index Score</th>
<th>2010-2011 Performance Index Score</th>
<th>2009-2010 Performance Index Score</th>
<th>2008-2009 Performance Index Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA Columbus Middle School</td>
<td>88.1</td>
<td>83.7</td>
<td>82.7</td>
<td>87.2</td>
</tr>
<tr>
<td>HSA Columbus High School</td>
<td>95.7</td>
<td>102</td>
<td>96.8</td>
<td>101.3</td>
</tr>
<tr>
<td>Columbus City Schools</td>
<td>80.5</td>
<td>80.3</td>
<td>80.3</td>
<td>80.4</td>
</tr>
</tbody>
</table>

**ACADEMIC PROGRESS**

- **HSA Columbus Middle School**
- **Columbus City Schools**

Performance Index Score:
- 2011-2012: 88.1
- 2010-2011: 83.7
- 2009-2010: 82.7
- 2008-2009: 87.2

Performance Index Score:
- 2011-2012: 80.5
- 2010-2011: 80.3
- 2009-2010: 80.3
- 2008-2009: 80.4
Success Percentages in OAA

6th GRADE

<table>
<thead>
<tr>
<th>Subject</th>
<th>Success Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>70.3</td>
</tr>
<tr>
<td>Reading</td>
<td>81</td>
</tr>
</tbody>
</table>

7th GRADE

<table>
<thead>
<tr>
<th>Subject</th>
<th>Success Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>45.2</td>
</tr>
<tr>
<td>Reading</td>
<td>57.5</td>
</tr>
</tbody>
</table>
AYP and Value Added

OVERALL AYP RESULT: Met ✓
VALUE ADDED MEASURE: Met ✓
Parent Survey Summary

What is your gender?
- Male: 60.8%
- Female: 39.2%

What ethnic group describes you best?
- African American: 14.8%
- Asian/Pacific Islander: 9.5%
- Hispanic: 1.6%
- Native American: 3.7%
- White/Caucasian: 2.1%
- Other (please specify): 9.5%

Do you have internet access at home?
- Yes: 91.0%
- No: 9.0%

How many children do you have attending this school?
- 1: 66.1%
- 2: 26.5%
- 3: 15.4%
- 4: 14.4%
- 5 or more: 3.2%

How often do you check your child's progress online through the school's database?
- Everyday: 28.7%
- Every other day: 15.4%
- Twice a week: 14.4%
- Once a week: 38.3%
- Rarely: 3.2%
My child's school has a friendly and welcoming atmosphere for…

My child's school has high expectations with regard to student…

My child's school offers a strong academic program.

The staff in my child's school has the resources necessary to work…

I am always included in decisions by the school that affect my child's…

My child is given challenging work at school.

The staff at my child's school enforces the rules.

My child's school promotes a drug-free environment.

My child's school makes sure that students are safe and orderly.

My child's school building is neat, clean, and well-maintained.

When students at my child's school break the rules, staff help them…

My child's school teaches students to value, respect, and tolerate…

My child's school seeks out my opinion about important issues…

Administration is easily accessible at my child's school.

My child's school provides parents with opportunities that I would not…

I am pleased with the socio-emotional growth of my child.
SCHOOL ACTIVITIES

Planetarium Theater Dome

The Dome Theater visited Horizon on October 26, 2011. The mobile planetarium presented a wide range of educational topics in a state-of-the-art mobile digital theater system. Students had the opportunity to view shows focusing space science, history, biology, and geology. Students expressed awe and excitement during the planetarium shows. The students were engaged and truly immersed in learning.

6th, 7th, and 8th Grade Family Fun Nights

In October Horizon Science Academy held a Family Night for 6th, 7th and 8th grade families. Parents and students who attended were treated to dinner, bingo and pumpkin bowling to name a few events. 74 percent of our families were able to attend.

Flag Raising Ceremony

On November 11th, 2012 Horizon Science Academy held a special ceremony in honor of the flag pole initiation. Local honor guards had the privilege of raising the American flag.
Geography Day

HSA Columbus Middle School hosted Geography Day. Each year, our students showcase the different cultures that are represented here at Horizon. Students created presentations and addressed the 6th and 7th student body with their research. Students also made food for the curious students to sample and wore traditional clothing relevant to their researched countries. We had 29 different cultures that the students presented.

Lock In

8th Horizon Science Academy students spent the night at school participating in activities designed to improve self-esteem and have a little fun. The 8th grade girls took over a classroom for the evening. The girls sang, dance, played games and had a great time!

State Representative Carlton Weddington of the 27th District Presented at the Effective Ceremony

On October 19, 2011 the Horizon Science Academy Columbus Middle School held a celebration in honor of attaining their goals to become an effective rated school. The festivities were held to recognize all of the hard work and effort put forth by the students and staff members over the past year.

The program began with musical performances given by the sixth grade students. The sixth grade performers played recorders and tapped a unique rhythm with hand drums. Next, the keynote speaker, Ohio House Representative Carlton Weddington of the 27th District, addressed the students with an uplifting message to strive for greatness. Then students signed the “We Reached Our Goal” signature wall in the front hallway of the school and received a celebratory cupcake with lunch! The ceremony concluded with the highly anticipated deed of two prominent figures of HSA getting their heads shaved.
Dean of Students, Mr. Monett, and former director, Mr. Sechen, had their heads shaved in the presence of the students.

Academic Awards

Horizon Science Academy students were recognized in the presence of their peers throughout the year for their success. Students were honored with Academic Achievement Awards, Attendance Awards, Science Fair Place and Participation Awards. Several other Awards presented to students were Future Historian, Art Achievement, and Musical Performance.

Winter Band Concert

Miss. Sheehan’s musically inclined middle school students performed instrumental pieces for their families. The students demonstrated their skills on their chosen instrument and the parents truly seemed to enjoy the show. Ms. Isik’s student performed Turkish songs and Ms. Rogers’ students performed a step routine.
Chardon High School Remembrance Gathering

Horizon students sympathized with the students who were tragically lost at Chardon High School. Students wore red shirts, posed for a group photo, and signed a large banner that was sent to the students at Chardon High School.

10TV News Anchor Jerry Revish Motivates Horizon Students

On Tuesday, December 13, 10TV news anchor Jerry Revish visited Horizon Science Academy. Mr. Revish talked to all three grades about the challenges he faced throughout his journey to becoming a successful news anchor. He also encouraged the students to work hard and focus on the skills they need to develop to reach their goals. Student’s favorite part of the visit was when Mr. Revish opened the floor to the students to ask questions.

Horizon Science Academy Regional Spelling Bee

HSA Columbus Middle School hosted its first school-wide spelling bee Tuesday, December 13th. Before the champion could be determined, each grade crowned three spellers to represent our school at the Concept Schools Spelling Bee this spring. The final three spellers from the sixth grade were Maria Williams, Xafsa Aden, and Jana Robinson who was the champion. The final three 7th grade contestants were Zach Upperman, TaLeur Hayes, and Emmanuel Evander. Zach Upperman won for the seventh grade. The 8th grade contestants were Nimco Essa, Tyler Mulford, and Abdigani Ahmed. Tyler outlasted all other to become eighth grade and school champion.
Author Shelley Pearsall Visited HSACMS

Author Shelley Pearsall visited the middle school on Wednesday, December 14, 2011 to talk about her experiences writing two books that students are currently reading: All of the Above and Trouble Don't Last. Shelley won the Scott O'Dell Award for Historical Fiction and All of the Above was the 2007 ALA Notable Book. Students enjoyed connecting the theme of her book to point of view. A select group of students were given an opportunity to interview her and had an opportunity to use a variety of shoes to develop characters in an exciting writing workshop.

State Board of Education member Michael Collins Addresses 8th Grade Students

State Board of Education member Michael Collins visited the middle school on February 10th, 2012 to speak to our 8th grade students about College and Career Readiness.
Community Luncheon

On April 17, 2012 Horizon Science Academy Middle School held a Community Luncheon. The event was well attended by community leaders, parents and students. The purpose of the event was to help Horizon Science Academy reach out and form a relationship with fellow community members in our area. Guests were treated to a catered meal and a musical performance by members of our 6th Grade Recorders and Drums Club.

School Dance

HSA middle school students attended a dance on May 4th, 2012 to raise money for peers less fortunate. Students were happy to contribute to the cause and of course have a little fun. The students danced the night away.

Dodge Ball Tournament

All grades participated in a dodge ball tournament. Classes competed in a playoff challenge to determine the winning class for each grade level. The students really enjoyed the competitiveness of their peers. The halls were ringing of chants for days!
6th and 7th Grade Picnics

Each grade hosted a picnic in celebration of hard work put forth over the course of the year. The students celebrated the end of the year with a day of games, fun, and food!

Dunk Tank Fundraiser

The middle school students eagerly participated in a Dunk tank fundraiser. Teachers volunteered to sit in a dunk tank while the students attempted to dunk them.

Annual Spring Arts Gala

The annual Springs Arts Gala was an opportunity to view the unique talents of Horizon Science Academy students. The gala included Art Displays, Academic Work, Contests, Performances, and an Intramural Reception and Awards Presentation Ceremony.

Talent Show

The middle school students demonstrated their talents during the annual talent show held in the spring. The student’s talents varied from singing and dancing to stepping. The students truly seemed to enjoy the experience of watching their friends perform.
Olympic Week

As the 2012 school year came to a close, class bragging rights and the Olympic Week Championship crown hung in the balance. 6th and 7th grade class competed against each other in nine academic and athletic competitions. Athletic events included dodgeball, capture the football and track races. Academic events and competitions included historical jeopardy, sack race, card tower building, word search, math 24 competition and team Pictionary. Olympic Week was a great way to end the school year, students working together and supporting each other to reach a common goal.

Eighth Grade Graduation

Horizon Science Academy had a large graduating class this year. The graduation ceremony was filled with performances from the students, recognition to all, and sentimental speeches. The ceremony was very exciting, but emotional. Gerald L. Stebelton, State Representative, was our guest speaker for the graduation.
Kings Island

HSA students visited Kings Island, an amusement park located in Mason, Ohio. This trip was part of a school incentive program. Students who passed Ohio Achievement Assessments attended. Students enjoyed the amusement park rides, food, and games, as well as, the spooky activities in celebration of Halloween.

Corn Maize

Students visited the Maize. Students had a wonderful time participating in so many fall activities. Students got lost and found in the 5 foot tall corn maize, rode the cow train, interacted with several small animals and fed the peacocks. Students also participated in other funs activities before settling around the campfire.

Hocking Hills

Students journeyed to the Hocking Hills are to hike at Old Man’s Cave, Cedar Falls, and Ash Cave. Students hiked for a total of four miles during their visit and ended their day with a cookout provided by the staff.
Alum Creek State Park Field Trip
A small group of students had the opportunity to travel Delaware to visit the Alum Creek State Park on September, 22nd. Students explored their natural surroundings. Students were able to understand the relationship between their environment and concepts taught in Science class. The students had great reflections about their trip.

Dayton Air Force Museum
Horizon Science students made the trip the Dayton Air Force Museum in May to view many different planes from various eras. Students examined different aircrafts and weapons, as well as, viewed a 3-D movie on aviation.

SkateZone
This year students participated in a field trip to the local skating rink. Students all met for a fun afternoon skating and a pizza lunch.
Winter Camp

Many students traveled to Mad River Mountain over the Winter Holiday to enjoy seasonal outdoor activities, such as; Skiing, Snowboarding, and Snow Tubing. Students experienced chilling recreational activities and plenty of warmth and cocoa by the fire!

IMP Snow Tubing Field Trip

IMP students traveled to Mad River Mountain to spend the day Snow Tubing.

NBC4i News Channel Visit

Horizon middle school students visited the Channel four news station on March 3, 2012. Students gained a better understanding of how the news station is organizationally structured. Students also learned how newscasters and weather perform their jobs.

Central District Science Fair

Middle school students who received recognition for their science presentations went on to compete in the Central District Science Fair at Columbus State Community College on March 17, 2012.
Supreme Court Field Trip
Select students had the opportunity to visit the Supreme Court in Columbus and learned the intricacies of a court hearing. Students had the opportunity to apply their judicial knowledge gained in the classroom to an actual courtroom setting.

Columbus Symphony
Many 6th grade students had the opportunity to attend a concert that the Columbus Symphony on March 14th, 2012. The symphony held a special production for local schools focusing on composers through the ages. The students truly seemed to enjoy the instrumental production and the narration provided by the conductor.

Washington D.C. Trip
On May 10, 2012 our Director Mr. Alper, along with students, parents and an HSA alumnus visited Ohio Senator Mr. Sherrod Brown and Representative Steve Stivers in Washington D.C. Mr. Brown hosted them at his "Coffee with Constituents" session and they spoke with him about the successes of Horizon Schools in the State of Ohio. They also met with Representative Steve Stivers outside the Capitol building.
On May 11, 2012 the 8th grade students visited the Columbus State Community College to engage in a day of science exploration.

**RACE exhibit at COSI**

Several students had the opportunity to visit the “RACE: Are We So Different?” Exhibition at Cosi in May. The exhibit explored three themes: the everyday experience of race, the contemporary science that is challenging common ideas about race, and the history of this idea in the United States.

**Sports Ohio Field Trip**

The eighth grade students traveled to the Sports Ohio athletic facility in Dublin, Ohio shortly before graduation. The energetic students played basketball, soccer, flag football, kickball and inflatables.
6th grade Alum Creek State Park Field Trip

The 6th grade class had the opportunity to travel Delaware to visit the Alum Creek State Park on May 30, 2012. Students explored their natural surroundings. Students were able to understand the relationship between their environment and concepts taught in Science class. The students had great reflections about their trip.

Summer Camp

Horizon Science Academy students were able to enjoy the first week of summer vacation in June at summer camp. Students enjoyed many outdoor recreational activities, such as, Swimming, Canoeing, Hiking, Fishing, Games, Reading, Movies, and more!!!

Cross Country State Meet

Our dedicated athletes participated in the Cross Country intramurals in the fall and several diligent students went on to complete in the state Cross Country meet. The students competed against more than 1000 children from all over Ohio at Groveport High School. Our students were racing champions they ran a 2 mile course. The students gained the support of many staff members, several of whom practiced along with them.
HSA Middle school participated in the Math Olympics on April 28, 2012 our school did a fantastic job in Chicago, Illinois.

Turkish Olympiad

A dedicated group of Horizon Science Academy students met diligently to learn about the Turkish culture and dance. The students were so good that they participated in a Turkish performance contest.

Mock Trial

Students prepared for many weeks for the Mock Trial competition at the Ohio Judicial Center where they had the opportunity to learn the principles of trial advocacy and then apply those principles as they tried a fictitious case. Students argued the case of famed nursery rhyme characters.

Spelling Bee

HSACMS students participated in the 6th Annual Concept Schools Spelling Bee on Friday, March 9, 2012. Our students challenged each other in the class and sent students on to the Bee in Dayton. After a hard-fought contest, not all of our students prevailed in the contest but we are very proud of all of the hard work the students exhibited in preparation for the contest.
Geography Bee

Middle school students tested their knowledge of Geography during the annual geography bee held among 6th, 7th, and 8th grade students.


Concept Schools Art Fair

This was the second year for the Concept Schools Art Fair. Horizon Science Academy students excelled in their creative works of art and won many awards. Many of our student’s artistic skills were recognized with awards.


Basketball Tournament

Horizon Science Academy’s basketball team attended the Concept Schools Basketball Tournament in May. Students practiced hard each week to prepare themselves for the tournament. The students performed very well in against other Concept school teams.
Spanish Spelling Bee
Select middle school students participated in the regional Spanish Spelling at the high school on Thursday, April 26th.

Concept Science and Engineering Fair
Concept Science and Engineering Fair is a highly anticipated event for many Horizon Students. Middle school students begin preparations for the fair early in the year. Several students excelled in their perspective experiments and presentations. These students were happy to share their hard work and academic achievements at the Science Fair.

Board Game Club
Students met weekly to challenge each other on their favorite board games.
Cooking Club

Participating students visited local Turkish families in their homes to experience the culture and food and immerse themselves in the language. Students practiced the Turkish language while learning to create traditional Turkish dishes.

Anti-Bullying Club

Students gathered once a week to brainstorm solutions and proactive behaviors to prevent bullying within the school. Students held discussions and create posters to promote a safe school free from bullying.

Chess Club

Students gathered to learn to play chess and challenge others with greater skills

OAA Math Club

Students met weekly to expand their skills in math in creative ways.
**Harry Potter Book Club**

Students interested in the *Harry Potter* book series met weekly for book discussions and movie clips. Students also participated in a variety of games based on the characters and plots of the books.

**OAA Club**

6th grade students met each week to expand their standardized test taking skills in creative ways.

**Intramurals**

Students met afterschool 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 volley ball and softball and soccer in the spring. Many staff members enjoyed participating too. Students enjoyed the challenge and the physical activity.
Double Dutch Club
Double Dutch club allowed students to come together for fun times and to create routines for the tricky dual jump ropes.

Math Club
A small group of 6th grade students met each week to challenge their math skills beyond the classroom.

Band
Students in 6th and 7th grade met several times a week to practice their instruments with the music teacher. Students played the drums, violin, recorder, and clarinet.
**Table Tennis Club**

Students challenged each other and their teachers to weekly table tennis matches. Students enjoyed the opportunity to win against the teachers.

**Ivy League Mentorship Program**

Horizon Science Academy students gathered at school on Saturdays to build on their core content knowledge. Students worked hard academically, but always found time to play.

**Stepping Club**

Rhythmically inclined students and students who just wanted to have fun met to learn new step routines.

**Science Explorers Club**

Students who planned to compete in the Science Olympiad conducted their experiments and constructed their projects for the completion during the club. Students also had opportunities to participate in various science experiments.
**Video Club**

The club provided students an opportunity to be involved in many after school activities as videographers and photographers. Participating student were able to capture some great footage of their peers.

**Spelling Bee Club**

The club provided students who planned to compete in the Spelling Bee Competition an opportunity to practice their spelling.

**Song Writing Contest**

Horizon had a Song Writing contest in January. Students who participated wrote a song with at least 10 lines and a chorus. Songs were on display on the art bulletin board for all to see. All students had opportunity to vote on the best song. There were some fantastic song contributions this year.
**Pumpkin Carving Contest**

Horizon Science Academy had a Pumpkin carving contest in October. The carved entries were very creative and showed a great amount of skill from the students who participated. A variety of entries were submitted. The student body found the pumpkins to be very festive. All students had an opportunity to vote on the best pumpkin design during lunch.

**Holiday Card Contest**

Horizon Science Academy Horizon had a Holiday Card Contest in November. Students who participated designed a decorative seasonal card, in color, to be used by Horizon during the holiday season. Cards were on display on the art bulletin board for all to see. All students had opportunity to vote on the best card design during the day.

**Creative Ornament Contest**

Horizon had a Creative Christmas Ornament Contest in December. Students who participated designed a creative Christmas Ornament. Ornaments were made with any materials as long as they were decorated or created by the student. Ornaments were on display on the art bulletin board for all to see. All students had opportunity to vote on the best ornament during the day.
**Earth Day Poster Contest**

Horizon Science Academy Horizon had an Earth Day Poster contest. Students who participated designed a poster promoting recycling. All students had opportunity to vote on the best card design during the day.

![Poster](image)

**Poetry Contest**

Horizon had a *Poetry Contest* in May. Students who participated wrote a poem to be viewed on by their peers. Poems were on display on the art bulletin board for all to see. All students had opportunity to vote on the best poem during the day.

**Drawing Contest**

Students who participated in the drawing contest created illustrations of their choice for a chance to win a dress down day. Drawings were on display on the art bulletin board for all to see. All students had opportunity to vote on the best drawing during the day.

![Drawings](images)
**FINANCIAL REPORT**

**Profit & Loss**

<table>
<thead>
<tr>
<th>Operational Income/Expense</th>
<th>June 30, 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
</tr>
<tr>
<td>Foundation Payments</td>
<td>2,151,169</td>
</tr>
<tr>
<td>Other Local Revenue</td>
<td>25,560</td>
</tr>
<tr>
<td><strong>Total Operational Income</strong></td>
<td>2,176,729</td>
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<tr>
<td><strong>Expense</strong></td>
<td></td>
</tr>
<tr>
<td>Salaries</td>
<td>1,132,574</td>
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<tr>
<td>Benefits</td>
<td>299,407</td>
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<tr>
<td>Purchased Services</td>
<td>1,068,710</td>
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<tr>
<td>Supplies &amp; Materials</td>
<td>209,580</td>
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<tr>
<td>Other Objects</td>
<td>134,728</td>
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<tr>
<td>Depreciation Expense</td>
<td>86,472</td>
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<tr>
<td><strong>Total Operational Expense</strong></td>
<td>2,931,471</td>
</tr>
<tr>
<td><strong>Net Operational Income</strong></td>
<td>(754,742)</td>
</tr>
</tbody>
</table>

**Non-Operational Income/Expense**

| Federal Grants               | 711,499       |
| State Grants                 | 4,049         |
| Loss from Disposal of Assets | (662)         |
| **Total Non-Operational Expense** | 714,886       |

**Net Assets**

| Change in Net Assets         | (39,856)      |
| Net Assets at Beginning of Year | 401,672      |
| Net Assets at End of Year    | $361,816      |

**Balance Sheet**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>June 30, 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>54,711</td>
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<tr>
<td>IG Receivable</td>
<td>102,543</td>
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<tr>
<td>Accounts Receivable</td>
<td>5,819</td>
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<td><strong>Total Current Assets</strong></td>
<td>163,073</td>
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<tr>
<td><strong>Non-Current Assets</strong></td>
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<tr>
<td>Capital Assets (Net of Accumulated Depreciation)</td>
<td>414,793</td>
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<tr>
<td><strong>Total Assets</strong></td>
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<table>
<thead>
<tr>
<th>LIABILITIES &amp; EQUITY</th>
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</thead>
<tbody>
<tr>
<td><strong>Current Liabilities</strong></td>
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<tr>
<td>Accounts Payable</td>
<td>109,065</td>
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<tr>
<td>Accrued Wages</td>
<td>84,686</td>
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<tr>
<td>Payroll Liabilities</td>
<td>21,115</td>
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<tr>
<td>Capital Lease- Current</td>
<td>1,184</td>
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<tr>
<td><strong>Total Current Liabilities</strong></td>
<td>216,050</td>
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<tr>
<td><strong>Total Liabilities</strong></td>
<td>216,050</td>
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</table>

<table>
<thead>
<tr>
<th>NET ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment in Capital Assets</td>
<td>329,966</td>
</tr>
<tr>
<td>Unrestricted</td>
<td>31,850</td>
</tr>
</tbody>
</table>
Total Net Assets

$361,816

Revenues
- Foundation Payments: 68%
- Other Local Revenue: 1%
- Grants & Donations: 25%

Expenses
- Salaries: 40%
- Benefits: 10%
- Supplies & Materials: 7%
- Purchased Services: 38%
- Other Objects: 5%