



**SCHOOL PROFILE 2019-2020**

760 Tower Blvd. Lorain, OH 44052

Phone: 440-282-4277

**COMMUNITY:** Horizon Science Academy Lorain serves the educational needs of Lorain Community. The School offers a K-12 grade level configuration. The student body is culturally diverse with a population that is 41.3% Hispanic/Latino, 27.5% White, 19.7% African-American, and 11.5% other.

**SCHOOL:** Horizon Science Academy-Lorain is a public charter school, which is funded by public sources and operated independently by a board of trustees under a charter granted by the Board of Education of the State of Ohio. Management of HSA-Lorain is served by Concept Schools NFP. HSA- Lorain is enrolling 765 students in grades K through 12. The purpose of the school is to provide its students an innovative world class education, rich in math, science and technology. The curriculum is college preparatory and focuses on STEM. The school was opened in 2009 and graduated its first senior class in the Spring of 2016. HSA-Lorain holds membership in the **College Board** and the **National Association for College Admission Counseling**.

**CURRICULUM:** HSA's academic program is organized in an 8 period schedule. Students can earn 8 credits per year, with eight 42 minute classes. A minimum of 27 credits are required for graduation. In addition to that, each student must complete 40 hours of community service. Students earn 0.5 credits per semester or 1 credit a year for each class they take.

**GRADING:** A 4.0 scale is with addition grade weights given to Honors course.

GRADE	PERCENTAGE	ON 4.0 SCALE	ON 5.0 SCALE
A+	98%-100%	4.0	5.0
A	93%-97%	4.0	5.0
A-	90%-92%	3.67	4.67
B+	87%-89%	3.33	4.33
B	83%-86%	3.0	4.0
B-	80%-82%	2.67	3.67
C+	77%-79%	2.33	3.33
C	73%-76%	2.0	3.0
C-	70%-72%	1.67	2.67
D+	67%-69%	1.33	2.33
D	64%-66%	1.0	2.0
D-	60%-63%	1.0	2.0
F	0%-59%	0	0

**Graduation Requirements** include:

**English** **4 units** Core Courses: English I, American English, World Literature, and British Literature.  
English Elective Courses: Reading-Writing Workshop, Contemporary Lit. Creative Writing, Speech & Debate, Journalism, College and Career Composition, College Readiness English

**Mathematics** **4 units** Core Courses: Algebra I, Geometry, Algebra II, and Pre-Calculus  
Math Elective Courses: Trigonometry, College Readiness Math

**Science** **4 units** Core Courses: Physical Science, Biology, Chemistry, and Physics  
Science Elective Courses: Genetics, Research and Project Design, College Readiness Science

**Social Studies** **3 units**, Core Courses: World History, US History, Government  
Elective Courses: Economics, Psychology

**Physical Ed.** **½ unit**

**Health** **½ unit**

**Foreign Language** **2 units** of same type Spanish, Turkish

**Fine Art** **1 unit** Art, Introduction to Media Arts, Music

**Computer** **1 unit** Computer Applications, Introduction to Engineering, Computer Programming

**Electives** **7 units**

**Community Service : 40 hours**

**GPA AND RANKING:** GPA is computed using the above chart. All credits whether passed or failed are included in computing grade point average and class rank. Grades are recorded on the transcript, and class rank and grade point average are computed in January and June.

**College Credit Plus (CCP):**

Working with Lorain County Community College, CCP is offered to all eligible students in grades 7 through 12. Students can earn college credits while they are in high school.

**SPORTS & AFTER SCHOOL ACTIVITIES**

HSA-Lorain offers a variety of sports and clubs. Soccer, Basketball, Volleyball, Flag Football, and Cross Country are offered. The clubs that students may participate are Art, Open Studio, FLL/FTC Robotics, Color/Craft games, Jump rope, Fun fitness, Yearbook, Weightlifting, Folk Dance, International Art and Language Contest, Zumba, DJ, International Food, Yoga, Ivy League Mentorship, Math Club, and Poetry/Spoken Word Contest.