KAMSC

COMMUNITY · OPPORTUNITY · RESEARCH · EXCELLENCE

2026

2027

KALAMAZOO AREA MATH AND SCIENCE CENTER

SCHOOL PROFILE

Since 1986, KAMSC has provided an accelerated, rigorous academic program for students with a passion to excel in mathematics, science, and computer science. We are a public program with 300 high-achieving students from nine area school districts in southwest Michigan.



INSTRUCTIONAL PROGRAM

Students attend KAMSC for half of their school day (typically 3 courses) and their district, private, parochial, or home high school for the other half. Our challenging core courses emphasize problem-solving and lab skills. All students participate in a 4-year sequential research skills program. All of our courses are Honors or AP level.



CO-CURRICULAR ACTIVITIES

Eleventh- and twelfth-grade students can elect to conduct independent research in the community with mentors from industry and academia. KAMSC students consistently win state and national STEM competitions including:

- *International Science and Engineering Fair (ISEF) state champion, grand award winners*
- *HOSA Regional and State Champions and International Finalists*
- *Invention Convention State Champions*
- *American Computer Science League International All-Star Invitational*

ADMISSIONS

KAMSC is a highly selective program that admits students based on admissions test scores, teacher recommendations, writing samples, and grades.
Eighth-grade students complete the application process to compete for approximately eighty-four seats in the ninth-grade class.

51% female

49% male

GRADING & TRANSCRIPTS

We use a 4.0 scale and do not calculate GPA, weight grades, or rank students. KAMSC credits become part of a student's partner high school transcript. KAMSC also provides a separate transcript. The KAMSC academic year is two semesters.

ALUMNI

A majority of students pursue degrees in STEM fields and notable alumni include:

Mr. Rajat Bhargava
CEO of JumpCloud

Dr. Emily Breza
Professor of Economics, Harvard University

Dr. Glen Davis
Chief Medical Officer, Aetna Better Health of Illinois

Mr. Jordan Klepper
Comedian, The Daily Show

Dr. Smita Krishnaswamy
Professor of Computer Science and Genetics, Yale University

Mr. Matthew Skogin,
President, Hope College



Students hail from 14 public and private schools in Kalamazoo County

AP TEST PERFORMANCE

In 2026 KAMSC students took 310 exams. Over 93% scored a 3, 4, or 5 on at least one exam.

5	4	3	2	1
36.7%	40.8%	15.8%	5.7%	1.0%

KAMSC COURSE OFFERINGS

Note: Most of our ninth-grade students are not eligible to take KAMSC AP courses. Typically, students take 3-5 KAMSC AP courses during their four years. We require 4 years of mathematics with a calculus course.

Honors Courses

KAMSC Advanced Calculus (H)
- prerequisite: AP Calculus AB or BC

KAMSC Advanced Computer Science (H)
-prerequisite AP Computer Science A

KAMSC Astronomy (H) (seniors only)
KAMSC Biology (H) - *required core course*
KAMSC Biochemistry (H)
KAMSC Biomedical Science (H)
KAMSC Chemistry (H) - *required core course*
KAMSC Discrete Mathematics (H)
-prerequisite AP Computer Science A

KAMSC Geology (H) (seniors only)
KAMSC Human Genetics (H)
KAMSC Information Technology (H)
-required core course

KAMSC Integrated Mathematics I / Geometry (H)
KAMSC Integrated Mathematics II / Algebra II (H)
KAMSC Integrated Mathematics III / Pre-Calculus (H)
KAMSC Material Science (H)
KAMSC Microbiology (H)
KAMSC Organic Chemistry (H)
KAMSC Physics (H) - *required core course*
KAMSC Zoology (H)

AP Courses

KAMSC AP Biology
KAMSC AP Calculus AB
KAMSC AP Calculus BC
KAMSC AP Chemistry
KAMSC AP Computer Science A
KAMSC AP Computer Science Principles
-required core course

KAMSC AP Environmental Science
KAMSC AP Physics C Mechanics
KAMSC AP Physics C Electricity & Magnetism
KAMSC AP Statistics

Other Accelerated Courses

KAMSC Independent Research
- juniors and seniors completing capstone projects

KAMSC Research Science
- credit awarded after 3 Honors science projects presented

Scan for detailed course descriptions

KAMSC CORE

COMMUNITY

KAMSC fosters a vibrant, respectful community where students, educators, mentors, and alumni come together with a shared passion for math, science, and technology. In this collaborative environment, students connect, learn from one another, and achieve success as a united community.

OPPORTUNITY

KAMSC offers a rigorous and supportive educational environment that inspires a love of learning and prepares students for future success. With hands-on labs, tech-driven projects, and opportunities to explore advanced concepts, every experience is crafted to deepen knowledge, ignite curiosity, and encourage personal growth.

RESEARCH

Research is at the heart of learning at KAMSC, where students actively engage in scientific inquiry and discovery. With access to resources and expert guidance, students develop critical thinking skills and gain hands-on experience with real-world investigations.

EXCELLENCE

KAMSC's founding committee was tasked with a mission to provide a rigorous and unique experience for those who qualify. We will uphold those tenants as we continue to evolve into the future. Our staff expects excellence from themselves and our students. We will model the way for excellence in study habits, curiosity, student learning products and presentation skills.

CONTACTS

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UNDERGRADUATE COLLEGES ATTENDED BY KAMSC ALUMNI 1990-2026

For brevity only colleges with more than one student are listed - 2440 total alumnI

20	Albion College	26	Grand Valley State University	14	Stanford University
9	Alma College	3	Grinnell College	2	Swarthmore College
2	American University	23	Harvard University	2	Syracuse University
2	Amherst College	2	Harvey Mudd College	6	Taylor University
3	Aquinas College	9	Hillsdale College	3	Trine (Tri-State) University
3	Art Institute of Chicago	45	Hope College	3	Tufts University
2	Auburn University	2	Illinois Wesleyan University	4	Tulane University
2	Ball State University	4	Indiana University	2	University of Arizona
2	Barnard College	3	Indiana Wesleyan University	6	University of California, Berkeley
3	Bates College	9	Johns Hopkins University	2	University of Central Florida
6	Beloit College	341	Kalamazoo College	18	University of Chicago
2	Boston College	7	Kalamazoo Valley Community College	2	University of Colorado, Boulder
2	Boston University	7	Kenyon College	4	University of Detroit Mercy
2	Bowdoin College	4	Kettering University	4	University of Dayton
3	Bradley University	2	Lehigh University	5	University of Illinois at Urbana-Champaign
2	Brigham Young University	8	Loyola University Chicago	3	University of Miami
10	Brown University	26	Massachusetts Institute of Technology	747	University of Michigan
2	Bryn Mawr College	2	Madonna University	3	University of Minnesota
13	California Institute of Technology	8	Macalester College	2	University of Montana
12	Calvin College	4	Marquette University	2	University of Nebraska
8	Carleton College	13	Miami University	3	University of North Carolina
6	Carnegie Mellon University	225	Michigan State University	22	University of Notre Dame
2	Carthage College	65	Michigan Tech University	2	University of Oklahoma
28	Case Western Reserve University	2	Middlebury College	6	University of Pennsylvania
2	Cedarville University	2	Missouri Univ of Science and Tech	5	University of Pittsburgh
10	Central Michigan University	8	New York University	4	University of Southern California
2	Claremont McKenna College	2	North Park University	2	University of Toronto
2	Colby College	5	Northern Michigan University	2	University of Washington
2	Colgate University	41	Northwestern University	8	University of Wisconsin
2	College of William & Mary	2	Oakland University	2	US Air Force Academy
7	College of Wooster	10	Oberlin College	6	US Military Academy at West Point
2	Colorado School of Mines	2	Ohio Northern University	5	US Naval Academy
10	Columbia University	4	Ohio State University	2	Valparaiso University
13	Cornell University	3	Ohio Wesleyan University	4	Vanderbilt University
4	Dartmouth College	3	Princeton University	11	Washington University in St. Louis
3	Denison University	28	Purdue University	9	Wayne State University
5	DePaul University	2	Reed College	3	Wellesley College
2	Drake University	6	Rensselaer Polytechnic Institute	2	Wesleyan University
8	Duke University	2	Rice University	174	Western Michigan University
3	Eastern Michigan University	5	Rose Hulman Institute	3	Wheaton College
7	Ferris State University	3	Spring Arbor College	2	Williams College
4	Florida A & M University	2	St. Louis University	3	Xavier University
2	Georgia Tech	2	St. Mary's College	21	Yale University

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