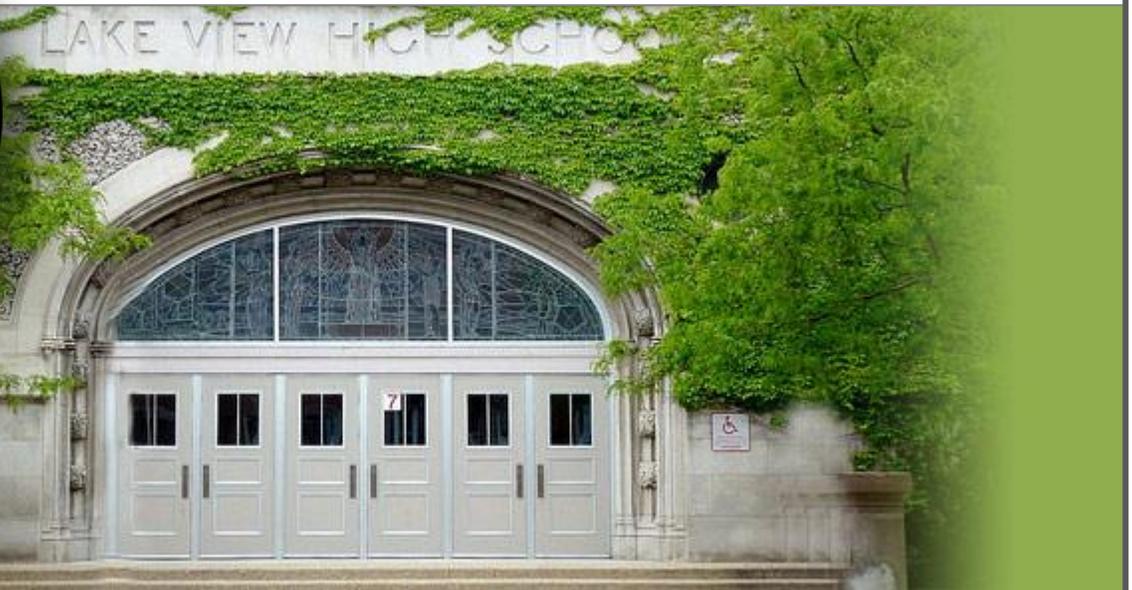


LAKE VIEW HIGH SCHOOL

CHICAGO'S PREMIER NEIGHBORHOOD HIGH SCHOOL

FALL 2014 SCHOOL-AT-A-GLANCE



CORE BELIEF

Lake View High School is:

Honor...for self, school, and society

Ownership...of learning and leading

Mastery...of skills and growth

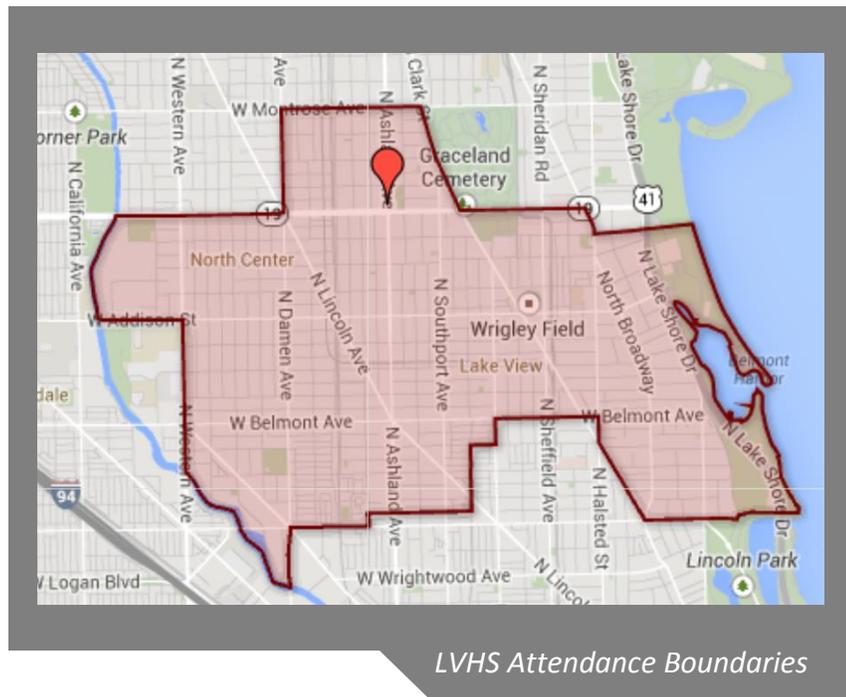
Education...for the future

SEAL & MOTTO

The Lake View High School seal is a symbol of our rich history and prideful future. While enhancements to features have been adjusted over the past 140 years of learning, the lantern of knowledge and open book of discovery remain true alongside the Latin phrase of learning from our foundation in 1874.

Ad astra per aspera

To the stars through challenges



SCHOOL OVERVIEW

1,345 students

23% from attendance area

Note that attendance is determined by student's home address, not school address.

Schools within and near attendance area are:

- Alexander Graham Bell Elementary School
- Alexander Hamilton Elementary School
- Augustus H Burley Elementary School
- Friedrich Ludwig Jahn Elementary School
- Hawthorne Elementary Scholastic Academy
- Horace Greeley Elementary School
- Inter-American Elementary Magnet School
- James G Blaine Elementary School
- John J Audubon Elementary School
- Louis Nettelhorst Elementary School
- Ravenswood Elementary School
- John C Coonley Elementary School
- St. Benedict
- Anshe Emet
- Chicago City Day
- St. Andrew
- Mt. Carmel
- Alphonsus Academy
- St. Luke
- North Park Elementary
- Chicago Montessori
- German International School



SCORES

2013 Lake View High School (LVHS) test score data

- LVHS Average ACT: **18.1**
- LVHS Top ACT: **34**
- LVHS Top Quartile Average ACT: **23**
 - AP Cohort: **22**
- Lincoln Park High School Average ACT: **22.1**
- Lane Tech High School Average ACT: **24.8**

AP COURSES

- AP 2-D Design - Ms. Sanford-Garcia
- AP Biology - Mr. Santoro
- AP Calculus (AB) - Mr. Richter
- AP Calculus (BC) - Mr. Lakin
- AP Music Theory - Ms. Merelos
- AP Chemistry - Mr. Cram
- AP Physics - Ms. Simon
- AP Psychology - Ms. Proni & Ms. Erickson
- AP English Language and Composition - Mr. Fusco
- AP English Literature and Composition - Ms. Stephani
- AP Spanish Language - Mr. Hernandez
- AP Spanish Literature - Mr. Hernandez
- AP Statistics - Mr. Vega
- AP Studio Art: Drawing - Ms. Finley
- AP World History - Ms. Darnell
- AP U.S. History - Mr. Roberts

PATHS (OR TRACKS) AVAILABLE TO STUDENTS

- Humanities
- Science, Technology, Engineering & Math (STEM)
- Music & Visual Arts (Creative Schools Level I Certification; highest level awarded)
- World Language

EXTRACURRICULAR ACTIVITIES

Asian Club • Athletics Club • Best Buddies • Book Club • Chess Club • Children's Theater Company • Computer Club • Environmental Club • EPICS Club • Foto Club • Film Club • French Club • Gay-Straight Alliance • Key Club • Math Club • Media Club • Mock Trial Team • National Honors Society • Newspaper Club • Ping Pong Club • Poetry Club • Prom Committee • SLAM Poetry • Student Council • Technovation • Vex Robotics • Yearbook

STEM PROGRAM OVERVIEW

“STEM” (Science, Technology, Engineering and Math) programs have come to mean so many things that receiving a STEM designation can create more confusion than clarity among parents. The successes and environment tell part of the story: LVHS has won the city-wide STEMPosium competition two years running; and the school features seven overhauled science labs, new computer facilities and laptop carts, high-end 3D printers, and much more.

Eager to bring focus and clarity regarding the STEM program at LVHS, Principal Scott Grens and Computer Science Department Leader Bernardo Juarez recently shared some of the top-level vision and focal points of the STEM program at LVHS:

The STEM program focuses on three broad areas of study integrated into our classrooms:
1) Computer Science 2) The Design Process and 3) Project-Based Learning.

- ▶ The Computer Science focus means that all students, including those focusing on Arts and Humanities, complete computer science courses to develop skills and learn foundational Computer Science and programming. At Lake View, we acknowledge that technology is so deeply woven into nearly every university program and profession that teaching it as an elective, or isolated practice, will not prepare our students for the future. All students at Lake View will find Computer Science meaningfully infused into and across their career at LVHS.
- ▶ The Design Process and Project-Based Learning are interwoven, and provide a very relevant and high-impact environment and experience for LVHS students. The Design Process is all about inquiry, research, and process thinking. It’s a teaching method utilized at major universities and within strong classrooms, allowing students to fully explore problems before they start to conceive a solution. For example, LVHS students will investigate and evaluate real-world problems, right here in their own communities, and those become the projects to which they apply the design process to create real, functioning solutions as architects and designers. This fusion of “design thinking” and project-based learning is integral to our focus on inquiry in classrooms.
- ▶ Many of our students create and maintain a Wordpress-based digital portfolio of their projects, as a compendium of their high school career. This portfolio is a useful reference and compendium for the college application process.

While STEM is woven through the LVHS student body experience, about one-third of students choose additional STEM courses beyond freshmen year. For others, STEM learning remains an integral part of their studies.

SPORTS TEAMS & HIGHLIGHTS

45% of all Lake View students participate in one or more sports

FALL SPORTS

- Football
- Boys Soccer
- Girls Volleyball
- Boys Softball
- Girls Swimming
- Boys Golf
- Cross Country
- Girls Tennis
- Poms & Cheerleading

WINTER SPORTS

- Basketball
- Boys Swimming
- Wrestling
- Bowling
- Track & Field

SPRING SPORTS

- Baseball
- Boys Tennis
- Girls Soccer
- Boys Volleyball
- Girls Softball
- Water Polo
- Track & Field

BOYS SOCCER

- City Champs, defeating Lane Tech in overtime, 2013
- 3 straight State Regional Championships
- Advanced to the State Super Sectionals, 2012
- Several players have gone on to play D1 college soccer

BASEBALL

- Competes in the top conference in the city (Jackie Robinson North)
- Finished first or second in conference 2 out of the last 4 years
- Won State Regionals 3 out of the last 5 years, defeating Gordon Tech in the Regional Championship last year
- In the last six years, 15 baseball players have continued their playing careers at the college level, most receiving academic scholarships

TRACK AND CROSS COUNTRY

- Several individual athletes have qualified for state in the last four years
- Oscar Medina finished 4th in the state in 2011
- Boys cross country team qualified in 2013 (only 3 other CPS schools qualified as a team)

BASKETBALL

- Coaching staffs of both boys and girls teams have college playing and coaching experience



FOOTBALL

- Qualified for state 2012, the first time since 1996
- Finished first or second in their conference two out of the last three years

SWIMMING AND WATER POLO

- Boys swimming team won conference last year
- Boys and girls water polo finished 4th and 5th in city last year



TENNIS

- Boys and girls finished 2nd in conference 2012, 2013

SOFTBALL

- Lindsay O'Gean starts her first year at the helm to rejuvenate the softball program
- She played for four years at Division I Loyola and played for the Chicago Bandits

WRESTLING

- Finished 4th in city at the sophomore meet
- Head coach is Vaughn Camacho, professional MMA. Assistants both won state championships in high school, and went on to wrestle at Northwestern

GOLF

- Individual placings at the city tournament the past two years

VOLLEYBALL

- Both boys and girls teams led by coaches with extensive club experience, founders of Chicago Crush

KEY PARTNERSHIPS

NOTE: There are many more partnerships, but for the purposes of this document four are highlighted. The partners below have each expressed interest in widening and deepening their involvement at LVHS; these conversations are already underway, so the examples below represent starting points. There are additional partnerships suggested by the inaugural LVHSP members that are being discussed and assessed.

NORTHWESTERN UNIVERSITY

- **STARS Fellowship:** This NSF program places STEM graduate student fellows in K-12 science classrooms for the academic year with the goal of enriching their education and strengthening their development as researchers by advancing their communication and teaching skills. The fellows work in partnership with a collaborating teacher to bring more inquiry-based teaching methods into the classroom and to further expose K-12 teachers and students to the research process. Through Reach for the Stars, K-12 fellows will adapt concepts of computational thinking and actual computational modeling tools from their research work to classroom activities connected to the existing math and science curriculum.
- **FUSE (Summer STEAM Camp):** Summer camps aimed at exposing and deepening student interest in STEAM, through individual and team projects in robotics, electronics, Android app development, and architectural design.
- **LVHS teachers attend computational thinking Professional Development (PD):** NU and their partners have identified a collective list of computational skills necessary for next-gen STEM professions, and these skills are usually taught only to a small subsection of students (or not at all). Through professional development, teachers learn to infuse these skills into their lessons and implement them in their classrooms.
- **LVHS students worked at the Medill School on the Northwestern campus to create video documentaries examining immigration issues.**

MICROSOFT

Microsoft is one of five corporations who are participating and supporting CPS high schools for the Early College STEM program. Globally, Microsoft is keenly supportive of initiatives that increase digital skills for Youth ages 6-24. For the past decade we have talked about the digital divide, but we're seeing the emergence of a far tougher and more complex problem. Young people are facing an opportunity divide – a gap between those who have the access, skills, and opportunities to be successful and those who do not. While some young people are prospering, those on the other side of this divide lack the skills, education, experiences and connections to employment that are required to survive and thrive. Closing this opportunity divide is one of the most important actions we can all take – together – to secure the future of our youth and, as a result, the future of our global economy. Microsoft has worked with, listened to and learned from many others working to address the issues facing youth. Based on that insight we believe there are three core areas that can have a major impact on reducing the divide:

- Empower youth by helping transform education and expand digital inclusion;
- Unleash future innovators by giving youth the inspiration and tools to imagine new opportunities;
- Help youth realize new opportunities of employability and entrepreneurship

Microsoft's partnership with Lake View will grow beyond the current support for designing curriculum and mentoring. We envision a collaborative approach with parents, prospective parents, Lake View faculty, administration and most importantly, students.

That collaboration will extend beyond the classroom and include:

- Tours for parents and students at Microsoft's Technology Center, located at AON Center.
- A view into the future of Technology, sharing the latest (and developing) technology, and why it's important for your students' success in their career, and in life.
- Customized programs to stimulate interest in all aspects of STEM and STEAM (STEM with Arts), such as DigiGirlz and Project Spark, which teaches students how to develop an online game.
- Career opportunity discussions, with Microsoft executives and our partner ecosystem.
- New this year! A STEM Challenge, designed by Microsoft and the Illinois Science and Technology Coalition. This program, specific to Lake View students, will focus on key environmental challenges in Chicago, and the students will work with a host of experts to solve real world problems.

LUMITY

Lumity is a decade-old, well-funded not-for-profit that serves as a clearinghouse (think match.com) for schools and professional mentors.

- Microsoft made the introduction for a single project; it has blossomed into an expanding relationship.
- Accenture, CDW, Northern Trust, Forsythe, etc. serve as mentors in LVHS through Lumity, and Lumity's Executive Director is very eager to become more deeply engaged with LVHS.
- This year, LVHS will merge professionals and students for project-based "consulting projects" – including team projects of identification, analysis, and build of a real solution for a community need.
- Lumity brings in professional speakers, and conducts working site visits for students.

DEPAUL UNIVERSITY

- Individual Student Advising
- Freshmen Academy
- Summer College Connect and Computer & Digital Media Camp Scholarships
- Law school mentoring
- LVHS freshman orientation is at DePaul
- Undergrad science fair attended by LVHS students

COLLEGE GUIDANCE & SUPPORT

Lake View High School Counselors help students plan a successful path to college attainment and graduation. Our role includes but is not limited to:

- Encouraging students to assess where they are in their college search and application process, and what steps to take to reach their goal of choosing the college that best suits their needs
- Assisting the students in interpreting standardized testing, as well as a plan for standardized testing
- Helping students assess their career interests and aspirations, and begin researching colleges to pursue those goals
- Guiding students through the process of completing and submitting an application for admission to the school of their choice
- Assisting students with searching for and applying for scholarships
- Introducing students to the financial aid process

FOUR-YEAR COLLEGES ATTENDED BY RECENT LVHS GRADUATES

65% college enrollment rate

5 POSSE SCHOLARSHIP WINNERS 2013 Graduating Class

1 POSSE WINNER + 2 GATES MILLENNIUM SCHOLARSHIP WINNERS 2014 Graduating Class

LVHS graduates have earned **\$14,269,337** in scholarship money in the last two years

- Arizona State University
- The School of the Art Institute of Chicago
- The American Academy of Art
- Ball State
- Bradley University
- Columbia College
- Concordia University
- Connecticut College
- Cornell University
- Denison University
- DePaul University
- DePauw University
- Dominican University
- Eastern Illinois University
- Heidelberg University
- Howard University
- Illinois Institute of Technology
- Illinois Wesleyan
- Illinois State University
- Kent State University
- Lewis University
- Knox College
- Loyola University of Chicago
- Loyola University of New Orleans
- Marian University
- Middlebury College
- Monmouth
- North Park University
- Northern Illinois University
- Northern Michigan University
- Northeastern Illinois University
- Ohio University
- Purdue
- Roosevelt
- SIU
- St. Xavier
- University of Illinois, Chicago
- University of Illinois Urbana-Champaign
- University of Michigan
- University of Missouri
- University of Nevada, Las Vegas
- University of Wisconsin, Madison

SECURITY/SAFETY SUMMARY

Lake View High School just received one of the highest ratings from CPS for safety.

STUDENT/TEACHER ENVIRONMENT

In a 2013 University of Chicago study of LVHS students, when asked:

- If they feel safe and comfortable with their teachers, 92% said, “agree” or “strongly agree”.
- If any students create behavior problems in the classroom, 97% said “few” (30%) or “none” (67%).
- If their teachers treat them with respect, 88% said “agree” or “strongly agree”.
- If their teacher gives them specific suggestions on how to improve their work in a given class, 86% said “agree” or “strongly agree”.
- If their teacher is willing to give extra help on schoolwork when they need it, 84% said, “agree” or “strongly agree”

The same study ranked LVHS “strong” in:

- Academic Personalism, defined as “Teachers connect with students in the classroom, and support them in achieving academic goals.”
- Student-Teacher Trust, defined as “Students and teachers share a high level of mutual trust and respect.”