



Concord-Carlisle High School

2024-25
School Profile



500 Walden St, Concord, MA
978-318-1400
concordcarlisle.org
CEEB: 220645

WHO WE ARE

Administration

Laurie Hunter, Superintendent
Brian Miller & Katie Stahl, Co-Principals
Darius Green & Meghan Maines, Assistant Principals
Amy Greer, Special Education Administrator

Counselors

Jeffrey Block
Rachele Brown
Paulina Chin
Tamara DiCesare
Katherine Goldrick
Alison Nowicki, Chair
Thomas O'Connor
Matthew Rudmann

Concord-Carlisle High School is a four-year, college preparatory high school with an enrollment of about 1,200 students. CCHS has an outstanding educational program that annually sends over 90% percent of its graduates on to higher education. We are proud of our over 50-year partnership with the Metropolitan Council for Educational Opportunity, Inc. (METCO). In 1965, Massachusetts legislators gave city and town school districts the right to "help alleviate racial isolation" and "racial imbalance" by enrolling students who reside elsewhere. Since 1967, CCHS has welcomed students from Boston, Carlisle, and Concord.

Innovative curriculum and an expansive range of electives challenge and engage the broad spectrum of learners in our school community. CCHS features an award-winning, eco-friendly facility with state-of-the-art technology. We believe technology is a valuable tool for enriching students' educational experiences, and our 1:1 laptop program ensures that technology is accessible for all students. CCHS employs a dedicated and well-educated staff with nearly all holding masters or doctoral degrees. Teachers in the major academic disciplines average four class sections with a teaching ratio of 90:1 (student: teacher). The counseling staff consists of 7.125 full-time equivalent guidance counselors with a student ratio of 180:1.

CCHS Core Values: Committed to excellence in and out of the classroom, the CCHS community believes that it is our mission to inspire our students from Concord, Carlisle and Boston to strive for and meet high levels of academic and personal achievement. We believe that the respectful, supportive, and engaging learning environment at CCHS instills intellectual curiosity, a passion for learning, as well as an understanding of one's role in the local community and in a diverse global society.

★ GRADING

GPA is calculated using a 4.00 scale. The weighted GPA takes into consideration those grades received for HONORS & AP COURSES ONLY and grades are given a .66 weighting. A grade of "P" (Pass) and courses completed outside of CCHS do not factor into a student's GPA.

Concord-Carlisle does not rank its students.

GPA Chart

Grade	Unweighted value	Weighted value
A, A+	4.00	4.66
A-	3.66	4.33
B+	3.33	4.00
B	3.00	3.66
B-	2.66	3.33
C+	2.33	3.00
C	2.00	2.66
C-	1.66	2.00
D+	1.33	1.66
D	1.00	1.00
D-	.66	.66
F	0.00	0.00



CLASS of 2024 PROFILE

SAT SCORES

	MEAN
TOTAL SCORE	1321
EBRW	657
MATH	664

NATIONAL MERIT



YOG 2023 Post-Secondary Plans

4-YR COLLEGE	90%
2-YR COLLEGE	2.5%
POST-GRAD	1.2%
EMPLOYED	1.2%
MILITARY	1.2%

ACT SCORES

ENGLISH	29
MATH	28
READING	30
SCIENCE	29
COMPOSITE	29

AP SCORES

of students: 340

YEAR	SCORE ≥ 3	SCORE ≥ 4	SCORE = 5
2023	91%	73%	39%
2022	92%	71%	39%
2021	92.6%	77.5%	46%

2020-24 POST SECONDARY PLACEMENTS (3+ STUDENTS)

- American University
- Amherst College
- Arizona State University
- Babson College
- Bates College
- Bentley University
- Boston College
- Boston University
- Bowdoin College
- Brandeis University
- Bridgewater State University
- Brigham Young University
- Brown University
- Bryant University
- Bucknell University
- Carleton College
- Carnegie Mellon University
- Clark University
- Clemson University
- Coastal Carolina University
- Colby College
- Colgate University
- College of Charleston
- College of the Holy Cross
- Connecticut College
- Cornell University
- Curry College
- Dartmouth College
- Davidson College
- Denison University
- Dickinson College
- Drexel University
- Eckerd College
- Elon University
- Emerson College
- Emory University
- Endicott College
- Fairfield University
- Fitchburg State University
- Fordham University
- Framingham State University
- Franklin Pierce University
- George Washington University
- Georgetown University
- Georgia Institute of Technology
- Hamilton College
- Harvard University
- Haverford College
- High Point University

- Indiana University
- Johns Hopkins University
- Johnson & Wales University
- Keene State College
- Kenyon College
- Lasell University
- Lehigh University
- Loyola Marymount University
- Macalester College
- Massachusetts College of Art & Design
- Mass. Coll. of Pharmacy & Health Sciences
- McGill University
- Merrimack College
- Michigan State University
- Middlebury College
- Middlesex Community College
- New York University
- Northeastern University
- Northwestern University
- Oberlin College
- Occidental College
- Pennsylvania State University
- Plymouth State University
- Princeton University
- Providence College
- Purdue University
- Quinnipiac University
- Regis College
- Rensselaer Polytechnic Institute
- Rice University
- Roger Williams University
- Rutgers University (New Brunswick)
- Sacred Heart University
- Saint Anselm College
- Salem State University
- San Diego State University
- Santa Clara University
- Savannah College of Art and Design
- Scripps College
- Simmons University
- Skidmore College
- Smith College
- Southern Methodist University
- St. Lawrence University
- Stonehill College
- Suffolk University
- Syracuse University
- The University of Alabama

- The University of Tampa
- Trinity College
- Tufts University
- Tulane University of Louisiana
- Union College
- University of Arizona
- University of British Columbia
- University of California, Berkley
- University of California, Los Angeles
- University of Chicago
- University of Colorado Boulder
- University of Connecticut
- University of Denver
- University of Florida
- University of Hartford
- University of Maine
- University of Maryland - College Park
- University of Massachusetts, Amherst
- University of Massachusetts, Boston
- University of Massachusetts, Dartmouth
- University of Massachusetts, Lowell
- University of Miami
- University of Michigan
- University of New Hampshire
- University of Notre Dame
- University of Oregon
- University of Pittsburgh
- University of Rhode Island
- University of Richmond
- University of Rochester
- University of South Carolina
- University of St. Andrews
- University of Toronto
- University of Vermont
- University of Virginia
- University of Washington
- University of Wisconsin, Madison
- Villanova University
- Wake Forest University
- Washington University in St. Louis
- Wellesley College
- Wentworth Institute of Technology
- Wesleyan University
- Wheaton College
- William & Mary
- Worcester Polytechnic Institute
- Yale University



INTERPRETING THE TRANSCRIPT

LEVELS

ADVANCED PLACEMENT (AP) and HONORS (H) courses are for students who have shown exceptional academic achievement through a combination of ability and motivation.

ENRICHED (E) courses are only offered in math and science. These courses move at a faster pace than the standard college preparatory courses and/or include additional materials that expand on the topics being considered.

NO LEVEL DESIGNATION courses are our college preparatory courses.

ENGLISH

The English dept offers courses at two levels. (NO AP CLASSES)

English 9th

English 10th

Grade 11 - Semester 1

English 11th

Twice Told Tales - INTERDISCIPLINARY COURSE

Grade 11 - Semester 2

Rhetoric (H) OR Writing Workshop

Grade 12 - Semester 1

English 12th

Grade 12 - Semester 2 (unleveled electives).

World Literature, Creative Writing, Visions of the Future

SCIENCE

The science department offers courses at three levels for Chemistry & Physics. All 9th graders take Planet Earth.

FULL YEAR COURSES

Planet Earth

Biology

Chemistry

Human Anatomy & Physiology (E)

AP Biology

AP Chemistry

AP Environmental Science

Introduction to Physics (E)

AP Physics I (H)

AP Physics C

**The Department also offers a wide array of electives at all three levels.

*College Prep Physics is semesterized:
Physics – Mechanics
Physics –Electricity & Magnetism

SOCIAL STUDIES

Grade 9 - World Cultures & Civilizations

Grade 10 - US History

Grades 11 & 12 (semester electives):

Psychology: Brain, Mind, & Behavior; Psychology: Normal & Abnormal Behavior, Senior Psychology, International Issues, World Religions, Intro to Sociology, Current Affairs, Intro to Economics, Bringing Black History to CCHS, Understanding Russia: Past, Present & Future, Hamilton & His Era: Democracy, Social Change & the Early Republic, Making Modern America. The Presidency, Constitutional Law, Dictatorships & Democracy: The World Since 1914, Human Geography, Revolutions: 1789 to the present, Classical Age: Founding Myths History & Literature: A Twice Told Tale (interdisciplinary).

WE DO NOT OFFER HONORS OR AP SOCIAL STUDIES COURSES. ALL COURSES ARE UNLEVELED.

MATH

The math department offers courses in three different levels. Most Concord and Carlisle students complete Algebra I in the eighth grade.

ALGEBRA

Blended Algebra & Geometry

Algebra 2 (11th)

Algebra 2

GEOMETRY

Geometry (10th)

Geometry

ELECTIVES

Financial Literacy

Accounting & Business Math

ADVANCED MATH

Modeling with Functions & Trigonometry

Pre-Calculus

CALCULUS

Introduction to Calculus

Calculus (E)

AP Calculus AB

AP Calculus BC

STATISTICS

Statistics

AP Statistics

WORLD LANGUAGE

Chinese 1	French 1	French Conversation & Culture	Latin 1/1H	Spanish 1	Spanish Conversation & Culture
Chinese 2/2H	French 2/2H	French AP/French AP2	Latin 2/2H	Spanish 2/2H	Spanish AP/Spanish AP2
Chinese 3/3H	French 3/3H		Latin 3/3H	Spanish 3/3H	
Chinese 4/4H	French 4/4H		Latin 4/4H	Spanish 4/4H	
Chinese 5/5H					

Noteworthy Educational Opportunities

AP CAPSTONE - A two-year program that focuses on developing research skills, including critical thinking and developing arguments, as well as designing and conducting a year-long research-based investigation on a topic of choice.

CONCORD-CARLISLE COMMUNITY CONNECTIONS - A mentoring program designed to introduce CCHS sophomores, juniors, and seniors to the business and professional world outside of the classroom through a series of meetings with individual mentors.

ENGINEERING CERTIFICATE - Courses give students an opportunity to investigate engineering and employ concepts to solve design problems. More info: <https://bit.ly/cchsEngineering>

GLOBAL COMPETENCY CERTIFICATE - Aims to foster students' global awareness and empower them to identify their role as global citizens while gaining an appreciation of other world cultures, viewpoints and perspectives.

INDEPENDENT STUDY - Students can create a semester or year-long independent study with a teacher that they have previously had. Students take advantage of this when a course does not fit in their schedule or a topic is not offered.

Q5 - An immersive learning experience leveraging the curiosity, knowledge, and passions of students and faculty to foster complex thinking, creativity, communication, and collaboration. More info: concordcarlisle.org/q5 Suspended 2019-20, 2020-21, 2021-22, 2022-23

RUETTIGERS SEMINAR - The Ruetzgers Family of Carlisle, MA makes generous contributions to CCHS to encourage the creation of seminars and learning experiences that reward students with intense intellectual interests not covered in the general curriculum.

SENIOR INTERNSHIP - An internship is a unique 6-7 week experience for seniors to explore careers of interest. Seniors are involved as non-paid "authentic employees" receiving academic credit for practical work experiences. during the 4th quarter.

<https://www.concordcarlisle.org/senior-internship-program/>

TEACHING ASSISTANT - Students can be a TA for one semester or for a full-year. Responsibilities include administrative tasks, such as setting up labs/classrooms, taking class notes, and offering extra help for students, among other things.

WORK EXPERIENCE - Students who desire to develop their personal, social and job skills through work, and are working at least 10 hours per week during the school year, are eligible for participation in this program.



CURRICULUM & SCHEDULING

In addition to regular curricular offerings in English, Social Studies, Math, Science, World Language and Health & Fitness, CCHS offers a robust selection of Fine Arts, Performing Arts, and Computer Science electives. In addition students may also take courses through Virtual High School. CCHS Program of Studies: <https://bit.ly/42vdV4j>

ENGLISH

Successful completion of a four-year English program is a requirement of Concord-Carlisle High School. All courses are designed to strengthen skills in reading, writing, listening, and speaking. Areas of major emphasis are language development, critical thinking, composition, literature study, drama, and media. Through the study of literature, students gain access to other worlds, experiences, emotions, and ideas. As they learn to explore and analyze texts, they develop their understanding of language as a medium and grow as writers themselves.

SOCIAL STUDIES

Social Studies courses acquaint students with information, concepts and methods in a variety of the social sciences. There is no tracking or leveling in Social Studies courses; learning in an academic classroom with students of varying interests and abilities is an important part of the program. Engaging in discussions, encountering different views, and appreciating the worth of one's own thoughts as they grow out of analysis of information and concepts are central parts of the social studies experience.

WORLD LANGUAGE

In the modern languages, the Chinese, French and Spanish Programs seek to develop proficiency in listening, speaking, reading, and writing. The early stages of the programs are primarily concerned with vocabulary acquisition and developing spoken and written interpersonal communication skills needed for interactions in everyday situations. In the more advanced stages, students continue to develop and refine their interpretive and presentational communication skills. Reading and writing are of increasing importance as students progress into culture-related activities and the study of literature. Students use the language to investigate, explain, and reflect on the relationship between the practices and perspectives of the cultures studied. The Latin Program concentrates on developing reading skills for the purposes of comprehension and analysis.

HEALTH & FITNESS

The Health and Fitness Program is designed to build the skills, knowledge and confidence needed to maintain an active, healthy lifestyle. Health education and physical education are combined to make up the Health and Fitness Program. This is a required program for grades 9-12. All classes are co-educational, and students are placed in groupings of 9th grade, sophomores, and juniors/seniors. At the 9th grade and junior levels health education is a quarter-long unit while the sophomore level program has health education topics integrated within the Health & Fitness course.

FINE ARTS

Courses are offered in visual arts and applied technology. Each of these disciplines offers classes at the introductory and advanced level. Students are provided with challenging and enriching experiences in the arts which are aligned with the school's mission and goals. They may explore a variety of disciplines or concentrate in one specific discipline.

SCIENCE

The Science Program offers courses designed to acquaint students with the means of inquiry used by scientists, to acquire knowledge that comprises the essential structure of each of the sciences, and to develop a respect for and an enduring curiosity about the natural world and the mysteries of the universe. Courses are available in earth and space science, biology, chemistry, and physics. In all of the courses, laboratory work is stressed rather than a lecture-reading method. Emphasis is placed on the recognition of fundamental principles through direct experience.

MATH

The Mathematics Department offers instruction in data representation and statistics, functions, geometry and measurement, number systems and problem solving. As teachers match their instructional approaches to the predominant learning styles of each class, they strive to enable all students to make progress in their ongoing development of the following mathematical practices: making sense of problems and persevering through solving them, reasoning abstractly, communicating their knowledge and constructing viable arguments, flexibility with multiple representations of concepts, making connections among math topics, procedural fluency, and self-assessment skills.

RIVERS & REVOLUTIONS

Rivers and Revolutions is an interdisciplinary, place-based program that offers CCHS students the opportunity to pursue rigorous, hands-on, experiential learning outside the traditional classroom environment. Throughout the semester students engage in fieldwork and community-facing projects as they consider different ways of understanding and engaging with the world, create connections between seemingly disparate things, and explore links between the content and their own lives.

For more info: concordcarlisle.org/rivers-revolutions/

COMPUTER SCIENCE

All of the courses offered in Computer Science are taught through a combination of acquiring foundational skills in each coding language and with applying those skills through work on creative programming projects. For students with no experience with computer science that are not sure they are ready to fully learn and master a programming language like Java or Python, the introductory course, Introduction to Computing and Coding is recommended. The Python and Java courses are both full programming language courses. The Web Design with JavaScript course teaches students the underlying process for designing interactive webpages.

PERFORMING ARTS

The Performing Arts offers courses designed to contribute to the musical and aesthetic education of students with a wide variety of abilities and interests. The program provides opportunities to increase proficiency with a musical instrument, the musical voice, or acting through performance, or to experience music as a form of expression.