Niwot High
School Profile

ST. VRAIN VALLEY SCHOOLS
academic excellence by design

FOCUS
International Baccalaureate (IB)

CONTACT INFORMATION
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ACCREDITATION
Rated at **Performance**, Colorado Department of Education's highest level



District Overview

St. Vrain Valley Schools is the educational home of more than 32,000 students across Colorado. St. Vrain Valley is the seventh largest school district in the state and operates 60 schools and programs that are spread over 411 square miles, serving 13 geographically diverse communities. All traditional schools in St. Vrain are accredited at the two highest levels with some of the most rigorous graduation requirements in Colorado. St. Vrain Valley Schools is preparing students for the future by giving them a strong competitive advantage that will empower their success in a complex, globalized economy. The district offers 70 Instructional Focus Programs including: Energy, STEM, Engineering and Aerospace, Medical and Bioscience, International Baccalaureate, and Leadership.

School Overview

Niwot High School offers a rigorous college preparatory curriculum and advanced level coursework that consists of Advanced Placement (AP), International Baccalaureate (IB) Diploma Programme (DP), and Niwot Pre-IB (NPIB)/Honors courses. In addition, students have the option to participate in concurrent enrollment which allows them to explore a variety of college courses. Niwot High School has received the John Irwin Award for academic achievement 11 times since 2002. NHS students are supported and challenged by an award-winning staff including Colorado Principal of the Year, Cross Country Coach of the Year, Tennis Coach of the Year, and Koebel Enterprising Teacher of the Year.

1506 STUDENTS

32% MINORITY STUDENTS

7% SPECIAL EDUCATION STUDENTS

7% ENGLISH LANGUAGE LEARNERS

23% FREE & REDUCED LUNCH

Student Achievement

Class of 2026

- SAT Composite Score: 1103
- $25 million in awarded scholarship dollars
- 988 AP exams administered
- 346 IB exams administered
- 95 graduates received the Seal of Biliteracy

Overall Achievements

- Niwot High School has won 46 team state championships, 39 state runners-up and over 224 individual state championships, in addition to 2 team national championships, 3 team national runners-up, and 1 individual national championship
- 90 percent of students are involved in at least one extracurricular activity
- Student honors include: Boettcher Scholars, National Merit Scholars, appointments to armed service academies and acceptance into every Ivy League school
- District, state, and nationally recognized performing arts programs with students invited to perform at Carnegie Hall, Disneyland, Disney World and on Broadway

Academic Programming and College Credit Options

International Baccalaureate (IB) Diploma Programme: 22 weighted courses
Advanced Placement (AP): 17 weighted courses
Niwot Pre-IB (NPIB)/Honors Courses: 12 weighted courses
Concurrent Enrollment: Front Range Community College and University of Colorado Denver
Innovation Center and the Career Elevation and Technology Center: Internship opportunities and certification programs are offered at these district learning centers.

Graduation Requirements

24.5 TOTAL CREDITS REQUIRED
AMONG THE MOST RIGOROUS IN COLORADO

English	**4.0**
Math	**3.0**
Science	**3.0**
Social Studies	**3.0**
Fine Arts	**0.5**
Practical Arts	**0.5**
Physical Education	**2.0**
Health	**0.5**
Electives	**7.5**
Financial Literacy	**0.5**

Transcript Notations

- Includes both unweighted and weighted cumulative GPA.
- Rank in class is determined by students' cumulative GPA. Every grade, except P, in grades 9-12 is used in calculating rank.
- A (TR) indicates credit transferred from another institution.
- A (PS) indicates a dual credit college course taken through concurrent enrollment with the University of Colorado-Denver, e.g. CU Gen. Psych or Front Range Community College, e.g. FRCC English 121.
- For AP and IB classes, students in grades 9 and 10 are limited in the courses they can take.
- Weighted grades are earned in courses designated as Honors, Advanced Placement, or IB using the following grading scale:

UNWEIGHTED	HONORS	ADVANCED PLACEMENT/IB
A 4.0	A 4.5	A 5.0
B 3.0	B 3.5	B 4.0
C 2.0	C 2.5	C 3.0
D 1.0	D 1.5	D 2.0
F 0.0	F 0.0	F 0.0

College Preparatory Curriculum

The following courses are offered at Niwot High School. Pre-IB (NPIB)/Honors, Advanced Placement (AP) and International Baccalaureate (IB) courses are listed in separate columns.

Traditional Offerings	NPIB/Honors	Advanced Placement	International Baccalaureate **SL = Standard Level** *(150 instructional hours)* **HL = Higher Level** *(240 instructional hours)*
ENGLISH			
English 9 English 10 English 11 English 12 Creative Writing	NPIB/Honors English 9 NPIB/Honors English 10	AP English Language AP English Literature	IB English Lit 11 HL IB English Lit 12 HL IB English Lang/Lit 12
SOCIAL STUDIES			
U.S. History U.S./CO Government	NPIB/Honors World Geography/History NPIB/Honors U.S. History	AP U.S. Government AP Psychology AP Microeconomics AP Macroeconomics AP African American Studies	IB History SL & HL (Euro) IB Psychology SL & HL IB Theory of Knowledge
SCIENCE (ALL LAB-BASED)			
Environmental Science Chemistry Physics Anatomy & Physiology Geology Forensic Science	NPIB/Honors Biology NPIB/Honors Chemistry	AP Environmental Science	IB Biology SL & HL IB Chemistry SL & HL IB Physics SL & HL
MATHEMATICS			
Algebra 1 Geometry Intermediate Algebra Algebra 2 Statistics Precalculus/Trig	Honors Geometry Honors Algebra 2	AP Statistics AP Precalculus AP Calculus A/B AP Calculus B/C	IB Math Analysis SL & HL IB Math Application SL
WORLD LANGUAGES			
Spanish 1-4 French 1-4 Spanish for Spanish Speakers 1-2	NPIB/Honors Spanish 1-2 NPIB/Honors French 1-2	AP Spanish Language AP French Language	IB Spanish 3-4 SL IB French 3-4 SL
PRACTICAL AND FINE ARTS			
		AP Computer Science Principles AP Computer Science A AP 2D Art and Design	IB Film SL
FINANCIAL LITERACY			
Personal Financial Literacy			

83% of Niwot High School students attend a 2 or 4 year university.

Niwot Alumni have graduated from:

- Brown University
- Columbia University
- Colorado State University
- Cornell University
- Front Range Community College
- Harvard University
- Johns Hopkins University
- Northwestern University
- Princeton University
- University of Pennsylvania
- Stanford University
- University of Colorado
- University of Denver
- U.S. Naval, Army, and Air Force Academies
- Vanderbilt University

IB Focus

- Niwot High School promotes and supports access to the International Baccalaureate (IB) Diploma Programme, offering both the full diploma and individual IB courses to all students who can benefit from the educational experience.
- 44% of juniors and seniors are accessing at least one IB class
- 67% of juniors and seniors are accessing at least one AP or IB class

Technology Focus

- All students have access to full-size, personal iPads.
- Clubs include a 3D Printer Club, a Robotics Club, and the district's Up-A-Creek Robotics Team, a school-wide geek squad helping students and staff solve tech issues.
- Computer Science courses include Intro to Computer Programming, Intro to App Development, AP Computer Science Principles, and AP Computer Science.
- Internship opportunities and certification programs are offered at the district's Innovation Center and the Career Elevation and Technology Center.