

Niwot High School Profile

FOCUS

International Baccalaureate (IB)

CONTACT INFORMATION

8989 E. Niwot Rd, Niwot, CO 80503

Phone: 303-652-2550

Fax: 720-494-3929

Website: nhs.svvsd.org

CEEB: 060937

ACCREDITATION

Rated at **Performance** and **Accredited with Distinction**, Colorado Department of Education's highest level



District Overview

St. Vrain Valley Schools is the academic home of more than 32,000 of Colorado's students. St. Vrain Valley is the seventh largest school district in the state and operates 57 schools and programs that are spread over 411 square miles serving 13 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 was a top ranked public school in the Washington Post's 2017 ranking of America's most challenging schools and was recognized by The Denver Business Journal as a top-10 high school in the Denver Metro area.** Niwot High School 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.

Student Achievements

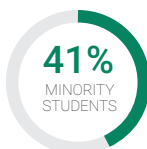
In 2018-2019

- SAT Composite Score: 1091
- ACT Composite Score: 27.5
- \$13,867,435 awarded scholarship dollars
- 944 IB and 709 AP exams administered
- IB students scored above the World-Wide Average in 9 subjects
- 90 percent of students involved in at least one extra-curricular activity
- 9 of the 20 sports finished as the State Champion or State Runner-Up

Overall Achievements

- Student honors include: Boettcher Scholars, National Merit Scholarships, appointments to all of the armed services academies and acceptance into every Ivy League school
- In the last six years, Niwot has won 7 team state championships and 47 individual state championships
- District, state, and nationally recognized performing arts programs with students invited to perform at Carnegie Hall, Disneyland, Disney World, and on Broadway

 1178
STUDENTS



Academic Programming and College Credit Options

International Baccalaureate (IB) Diploma Program (DP): 21 weighted courses
Advanced Placement (AP): 13 weighted courses
Niwot Pre-IB (NPIB)/Honors Courses: 11 weighted courses
Concurrent Enrollment: Front Range Community College
Innovation Center and Career Development 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 Ed.	2.0
Health	0.5
Electives	8.0

Transcript Notations

- Includes both unweighted and weighted cumulative GPA
- Rank in class is determined by students' cumulative GPA, which includes classes taken at the college level. Every grade, except P and S, 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-Boulder, e.g. CU Gen. Psych or Front Range Community College, e.g. FRCC English 121.
- Weighted grades are earned in courses designated as Honors/NPIB or Advanced Placement/IB using the following grading scale:

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



86% 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
- Yale University

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	Int'l Baccalaureate
ENGLISH			<i>SL= Standard Level (150 instructional hours)</i> <i>HL=Higher Level (240 instructional hours)</i>
English 9 English 10 English 11 English 12 Debate/Forensics	NPIB/Honors English 9 NPIB/Honors English 10	AP English Language AP English Literature	IB English 11 HL IB English 12 HL
SOCIAL STUDIES			
World Geography/History U.S. History U.S./CO Government Philosophy Sociology Psychology	NPIB/Honors World Geography/History NPIB/Honors U.S. History	AP U.S. Government AP Psychology AP Economics	IB History SL & HL (Euro) IB Psychology SL & HL IB Theory of Knowledge
SCIENCE (ALL LAB BASED)			
Biology Chemistry Physics Earth Systems Environmental Science Anatomy & Physiology	NPIB/Honors Biology NPIB/Honors Chem/Phys College Prep Chemistry	AP Physics 1 AP Chemistry	IB Biology SL & HL IB Chemistry SL & HL IB Physics SL & HL IB Sports, Exercise, and Health Science SL & HL
MATHEMATICS			
Algebra 1 Geometry Intermediate Algebra Algebra 2 Statistics Pre-Calculus/Trig	Honors Geometry Honors Algebra 2 Honors Pre-Calc/Trig	AP Statistics AP Calculus A/B AP Calculus B/C	IB Math Studies SL IB Math SL & HL
WORLD LANGUAGES			
Spanish 1-4 French 1-4 Mandarin Chinese 1-3 Spanish for Spanish Speakers	NPIB/Honors Span 1-2 NPIB/Honors French 1-2	AP Spanish Language	IB French 3-4 SL IB Spanish 3-4 SL
PRACTICAL & FINE ARTS			
		AP Computer Science Principles AP Computer Science	IB Visual Art SL & HL
FINANCIAL LITERACY			
Personal Financial Literacy			

IB Focus

Niwot High School promotes and supports access to the IB Diploma Programme and individual IB courses for all students who can benefit from the educational experience they provide.

43% of the Class of 2020 is accessing IB programming.

Technology Focus

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