

NORTHERN VALLEY REGIONAL HIGH SCHOOL

OLD TAPPAN

SCHOOL PROFILE 2018 - 2019



140 Central Avenue
Old Tappan NJ 07675
Phone: 201-784-1600
Guidance Fax: 201-768-7724
www.nvnet.org
CEEB Code 311051

Superintendent

Mr. James Santana

Principal

Dr. Bruce Sabatini

Assistant Principals

Dr. Robert Hyman
Dr. Jennifer Mezzina

District Director of Guidance

Mr. Matthew Spatz

Lead Counselor

Ms. Kerri Hubbard
x24100
hubbard@nvnet.org

School Counselors

Mrs. Laura Cavanaugh
x24120
cavanaughl@nvnet.org

Mr. Matt Corso

x24160
corsom@nvnet.org

Mrs. Amanda Fitzpatrick

x24360
fitzpatricka@nvnet.org

Ms. Heather MacRae

x24380
macrae@nvnet.org

Mrs. Laura Rupp

x24170
rupp@nvnet.org

Mrs. Melissa Vion

x24110
vion@nvnet.org

Student Assistance Coordinator

Mrs. Lydia Greco
x24430
grecol@nvnet.org

OUR MISSION STATEMENT

At Northern Valley Regional High School, we provide a safe environment in which each student seeks answers to questions, challenges assumptions and develops self-worth. Recognition of academic and cultural diversity promotes mutual respect and acceptance. Our high schools encourage individual academic excellence, aesthetic appreciation and moral integrity. We seek to prepare all students for their roles in a rapidly changing and diverse global community, and to become independent learners, critical thinkers, problem solvers, collaborative workers and responsible contributors to society.

Education requires a shared commitment. In providing a framework for the immediate and future concerns of our students, we require a constant and critical reevaluation of curriculum and course design to keep abreast of global research and new techniques within our respective discipline. The joint commitment of students, professional staff, Board of Education and the community, which supports and complements our mission, forms the basis for a challenging and effective program.

SCHOOL INFORMATION

We are one of two comprehensive public high schools in the regionalized district that serve seven K-8 sending districts. We have approximately **1185 students in Grades 9-12 (285 12th graders)**.

We encourage student participation in a variety of sports, academic teams, performing arts and co-curricular activities. These include 27 freshman through varsity level sports, drama and musical productions, academic teams - as well as over 70 co-curricular activities.

Accredited by the Commission of Secondary Schools and the New Jersey Department of Education.

COMMUNITY

Our suburban community, located 20 miles from downtown Manhattan, supports a varied, in-depth college preparatory and career-oriented curricula. Recently, the community approved an 11.7 million dollar referendum to improve facilities, including state of the art STEM labs and a theater program.

AWARDS

College Board - AP District Honor Roll

Future Ready Schools-New Jersey - Certified School

Metropolitan High School Theater & Montclair State University Theater - Awards Recipients

National Association of Music Merchants - Best Communities for Music Education

Newsweek - recognized in America's Best High Schools edition

New Jersey Department of Education - Building Capacity for Career Pathways Grant Recipient

Princeton University - Distinguished Secondary School Teaching Award

The Star Ledger - ranked among the most effective public schools in New Jersey

US Department of Education National Blue Ribbon Schools Program - Technology School of Excellence

US News & World Report - Silver Medalist, survey of America's Best High Schools

HIGHLIGHTS

1:1 Laptop Teaching and Learning Initiative

Academic Competitions - Science and Math League Teams, Debate

Advanced Courses: 31 Advanced Placement Courses, 50 Honors Courses and 53 Dual Enrollment Courses

Business Organizations - DECA & FBLA

Career Day & Wellness Day

Career & Technical Education (CTE) - Biomedical Technology, Computer Science, Engineering

Career Pathways Program of Studies

Character Education - Core Values Program - Community Service Clubs and Projects

Heroes and Cool Kids - Peer Life Skills Training

Multicultural Club and Cultural Exchanges with Japan, Scotland and Korea

Peer Mentor Program and Student Leadership Programs

Senior Honors Independent Study Capstone

Senior S.L.E. - Community Service & Service Learning, Teaching Mentorships, Professional Internships

Students Against Destructive Decision-Making (SADD) / Stigma Free

Visual & Performing Arts - Over 30 Music, Choral, Drama & Dance Performances and Visual Arts Show

Work Study Program - Cooperative Business Education

CURRICULUM - For more information, please see the [Northern Valley High School Program of Studies](#)

NEW JERSEY DEPARTMENT OF EDUCATION GRADUATION REQUIREMENTS			
ENGLISH	4 CREDITS (AP ENGLISH LANGUAGE DOES NOT SATISFY REQUIREMENT)	WORLD LANGUAGES	1 CREDIT
MATHEMATICS	3 CREDITS (SEQUENTIAL, ALGEBRA 1 AT MINIMUM)	21 ST CENTURY LIFE & CAREERS	1 CREDIT
SCIENCE	3 CREDITS (INQUIRY BASED, INCLUDING BIOLOGY)	VISUAL & PERFORMING ARTS	1 CREDIT
US HISTORY	2 CREDITS	FINANCIAL LITERACY	0.5 CREDIT
WORLD HISTORY	1 CREDIT	HEALTH & PHYSICAL EDUCATION	1 CREDIT EACH YEAR ENROLLED IN NJ PUBLIC
MINIMUM 24 CREDITS REQUIRED. STUDENTS MUST ALSO DEMONSTRATE NJDOE-DETERMINED PROFICIENCY IN BOTH ENGLISH LANGUAGE ARTS AND MATHEMATICS.			

Students are offered a comprehensive range of courses designed to address academic goals, learning needs, career interests and college plans. All courses are meant to prepare students for post-secondary success. Students are encouraged to challenge themselves with appropriate rigor while maintaining balance. **College Prep 'Enriched' courses are noted as 'E' on the transcript beginning 2017-18. Students having taken courses on the 'Enriched' level prior to 2017-18 may self report such course levels as 'Enriched'.**

In addition to College Prep and College Prep Enriched courses, students may challenge themselves with additional rigor in honors courses. Some honors courses require teacher recommendation, grade-qualified 'earn in' or waiver, while others are open enrollment.

50 HONORS COURSES OFFERED	
ENGLISH	ENGLISH 1H*, ENGLISH 2H*, ENGLISH 3H* (MOST RIGOROUS GRADE 11 OFFERING - AP ENGLISH LANG. & COMP. IS NOT AN ENGLISH 3 COURSE). ENG. 4 - WORLD MYTHOLOGY & ARCHETYPAL LITERATURE H*; ENG. 4 - LITERATURE & PHILOSOPHY OF ASIA H* ADVANCED JOURNALISM 2H*, ADVANCED JOURNALISM 3H* (ELECTIVES)
MATHEMATICS	GEOMETRY H*, ALGEBRA 2H*, PRECALCULUS H*; MULTIVARIABLE CALCULUS H* (ELECTIVE FOR SUPER-ACCELERATED STUDENTS)
SCIENCE	BIOLOGY H*, CHEMISTRY H*, (AP PHYSICS IS MOST RIGOROUS GRADE 11 SCIENCE COURSE)
SOCIAL STUDIES	US HISTORY 1H*, (AP US HISTORY AND AP WORLD HISTORY ARE MOST RIGOROUS GRADE 10 AND 11 SOCIAL STUDIES COURSES)
WORLD LANGUAGE	CHINESE (2H, 3H, 4H)*; FRENCH (2H, 3H, 4H)*; ITALIAN (2H, 3H, 4H)*; JAPANESE (2H, 3H, 4H)*; KOREAN (2H, 3H, 4H)*; LATIN (2H, 3H, 4H)* SPANISH (2H, 3H, 4H)*; (STUDENTS BEGINNING IN LEVEL 1 SPANISH OR FRENCH CANNOT TAKE AP SPANISH, AS AP COURSE IS AT LEVEL 5)
BUSINESS	ACCOUNTING H, INTERNATIONAL BUSINESS H, MARKETING 3: APPLIED MARKETING PRINCIPLES H (ELECTIVES)
FAMILY & CONSUMER SCIENCE	ADVANCED CHILD DEVELOPMENT H (ELECTIVE)
MUSIC	CHOIR 2H, 3H; STRING ORCHESTRA 2H, 3H; WIND SYMPHONY 2H, 3H (ELECTIVES)
TECHNOLOGY & ENGINEERING	ENGINEERING DESIGN H, BIOMEDICAL TECHNOLOGY 1H, 2H; COMPUTER PROGRAMMING H (ELECTIVES)
THEATRE ARTS	THEATRE ARTS 2H, 3H (ELECTIVES)
VISUAL ARTS	DRAWING PAINTING & MIXED MEDIA 2H (ELECTIVE)
*Teacher recommendation, grade-qualified 'earn in' or waiver required.	

Advanced Placement courses are our most rigorous offerings. Some require teacher recommendation, grade-qualified 'earn in' or waiver, while others are open enrollment. We encourage students to consider taking an AP course prior to graduation if appropriate. Most AP courses are available to 11th and 12th graders only. Students must be approved to take more than 4 AP courses in 11th grade and 5 AP courses in 12th grade.

31 ADVANCED PLACEMENT COURSES OFFERED	
(62% OF 11 TH AND 12 TH GRADERS TOOK AT LEAST ONE AP COURSE IN 2017-18)	
ENGLISH	ENGLISH LANGUAGE & COMPOSITION ¹ , ENGLISH LITERATURE & COMPOSITION ^{2*}
MATHEMATICS	CALCULUS AB*, CALCULUS BC*, COMPUTER SCIENCE A, STATISTICS
SCIENCE	BIOLOGY*, CHEMISTRY*, ENVIRONMENTAL SCIENCE, PHYSICS 1 ^{2*} , PHYSICS 2*, PHYSICS C: MECHANICS*, PHYSICS C: ELECTRICITY & MAGNETISM*
SOCIAL STUDIES	EUROPEAN HISTORY, MACROECONOMICS, MICROECONOMICS, PSYCHOLOGY, US GOVERNMENT & POLITICS; US HISTORY ^{2*} , WORLD HISTORY ^{2*}
WORLD LANGUAGE	CHINESE LANGUAGE*, FRENCH LANGUAGE*, ITALIAN LANGUAGE*, JAPANESE LANGUAGE*, SPANISH LANGUAGE* (STUDENTS STARTING WITH LEVEL 1 SPANISH OR FRENCH CANNOT TAKE AP SPANISH OR AP FRENCH, AS THOSE AP COURSES ARE ON LEVEL 5)
MUSIC	MUSIC THEORY
TECHNOLOGY & ENGINEERING	COMPUTER SCIENCE PRINCIPLES
VISUAL ARTS	ART HISTORY, STUDIO ART - DRAWING, STUDIO ART - 2-D DESIGN, STUDIO ART - 3-D DESIGN
¹ Elective only. Does Not satisfy English 3 course requirement. *Teacher recommendation, grade-qualified 'earn-in' or waiver required. ² Course fulfills academic graduation requirement. *AP Exam required. Prior to 2015-16, exam was required for all AP courses.	

54 DUAL ENROLLMENT COURSES OFFERED

11th and 12th grade students may earn optional college credit by enrolling through community colleges, and state and private universities institutions for certain high school courses. Students are also encouraged to take one college-approved course prior to graduation. **Beginning 2016-17, courses are noted on the transcript as 'approved for college credit through dual enrollment'.**

ACCOUNTING HONORS	AP FRENCH	BUSINESS ORGANIZATION & MANAGEMENT	ITALIAN 3H
ADVANCED BAKING & PASTRY ARTS 2	AP ITALIAN	CALCULUS (ALL, INCL. AP AB OR AP BC)	JAPANESE 3H
ADVANCED DIGITAL ART & ANIMATION	AP JAPANESE	CHILD DEVELOPMENT 1	LATIN 3H
AP ART HISTORY	AP PHYSICS C	CHINESE 3H	MARKETING 2: Adv. & Prod. Dev.
AP CHEMISTRY	AP SPANISH	CONCERT CHOIR 2*, 2H*, 3*, OR 3H*	MUSIC THEORY & TECHNOLOGY
AP CHINESE	AP STATISTICS	CULINARY ARTS 1	SPANISH 1
AP COMPUTER SCIENCE A	AP STUDIO ART 2D*, 3D* OR DRAWING*	DRAWING, PAINTING, MIXED MEDIA 2H	SPANISH 4H
AP ENGLISH LANGUAGE & COMPOSITION	AP US GOVERNMENT & POLITICS	FRENCH 3H; FRENCH 4H	SPANISH 5
AP ENGLISH LITERATURE & COMPOSITION	AP US HISTORY	ENGLISH 4	STRING ORCHESTRA 2*, 2H*, 3*, OR 3H*
AP EUROPEAN HISTORY	BIOMEDICAL TECHNOLOGY 2, 2H	GUITAR 1	WIND SYMPHONY 2*, 2H*, 3*, OR 3H*

*Students may register for credits in the corresponding college course only once.

GRADE SCALE, COURSE WEIGHTING, GPA CALCULATION, GPA DISTRIBUTION AND CLASS RANK

GRADE SCALE AND GPA:

100-point scale course grades correlate to letter grades. Final letter grades convert to a 4.0 GPA scale (revised starting 2018). **Prior to 2018-19**, Honors and AP courses received +1.0 in the weighted GPA. **Beginning 2018-19**, Enriched (E), Honors (H) and Advanced Placement (AP) courses receive additional GPA weight according to table below. **The Class of 2019 will not see impact of new grade scale until 7th semester.**

GPA is calculated using final grades in all completed courses. Remedial courses are included in GPA. New credit courses taken through summer school, virtual school or third party providers are not included. All transfer grades are included where possible; otherwise, they are awarded P (Pass) or F (Fail) and do not calculate into the GPA.

GPA is calculated at the end of 4th, 6th, 7th and 8th semesters. Each course's GPA value is multiplied by the credits earned (including half potential credits for 7th semester) to determine quality points. GPA value equals the total quality points earned divided by total credits attempted (including half potential credits 7th semester).

GRADE SCALE - REVISED 2018-19					
UNWEIGHTED			WEIGHTED		
PERCENT RANGE	LETTER GRADE	STANDARD GPA	E GPA (+.25)	H GPA (+1.00)	AP GPA (+1.25)
98 - 100	A+	4.33	4.58	5.33	5.58
92 - 97	A	4.0	4.25	5.00	5.25
90 - 91	A-	3.67	3.92	4.67	4.92
88 - 89	B+	3.33	3.58	4.33	4.58
82 - 87	B	3.0	3.25	4.00	4.25
80 - 81	B-	2.67	2.92	3.67	3.92
78 - 79	C+	2.33	2.58	3.33	3.58
72 - 77	C	2.0	2.25	3.00	3.25
70 - 71	C-	1.67	1.92	2.67	2.92
68 - 69	D+	1.33	1.58	2.33	2.58
62 - 67	D	1.0	1.25	2.00	2.25
60 - 61	D-	.67	.92	1.67	1.92
59 - 0	F	0.0	0.0	0.0	0.0

GPA DISTRIBUTION	
CLASS SIZE: 258	WEIGHTED GPA
HIGHEST	4.882
MEDIAN	3.629
LOWEST	1.776
4.5 OR ABOVE	24
4.25 - 4.49	19
4.00 - 4.24	29
3.75 - 3.99	36
3.50 - 3.74	42
3.25 - 3.49	41
3.00 - 3.24	23
2.75 - 2.99	26
2.25 - 2.74	13
2.24 OR BELOW	5

GPA STATISTICS & DISTRIBUTION: GPA distribution details for the class of 2019 are displayed on the table (left).

CLASS RANK:

Within our very challenging academic environment, most students earn exemplary grades. Comparisons among students inherent in class rank unnecessarily increase competition, stress and anxiety. **Northern Valley does not publish class rank, percentile or decile.** Institutions *requiring* such information for admission or scholarship consideration should communicate directly with us.

SCHOOL ENROLLMENT AND COURSE ENROLLMENT:

Courses are noted on the transcript if a student is enrolled past Quarter 1. Changes to a student's school or course enrollment status after initial transcripts have been sent will be communicated to institutions.

DISCIPLINE DISCLOSURE: NVRHS does not disclose student discipline in application reports.

SCHOOL AND CLASS STATISTICS

POST SECONDARY			
CLASS YEAR	2018	2017	2016
% FOUR-YEAR COLLEGE MATRICULATION	89	85	88
% TWO-YEAR COLLEGE MATRICULATION	5	9	8
% MILITARY / VOCATIONAL / OTHER	6	6	4
CLASS SIZE	324	304	330

SAT SUBJECT SCORES - CLASS OF 2019			
SUBJECT	MIDDLE 50%	MEAN	STUDENTS
BIOLOGY - ECOLOGY	600 - 690	659	24
BIOLOGY - MOLECULAR	610 - 680	665	11
CHEMISTRY	630 - 720	683	29
MATH LEVEL II	760 - 800	755	26

NATIONAL MERIT			
CLASS	COMMENDED	SEMI-FINALISTS	FINALISTS
2019	13	1	AWARDED SPRING
2018	12	3	3
2017	12	1	1

NJ SEMI-FINALIST QUALIFYING INDEX (223) IS HIGHEST IN NATIONAL MERIT PROGRAM

ACT SCORES (MEAN)			
TESTING YEAR:	2019*	2018	2017
ENGLISH	26.1	27.4	26.4
MATH	25.2	25.9	25.6
READING	25.9	26.8	25.7
SCIENCE	25.4	25.6	24.4
COMPOSITE	25.5	26.1	25.7
STUDENTS REPORTING	117	156	181

* INTERNAL DATA; VERIFIED BY ACT IN SUBSEQUENT SEPTEMBER

AP SCHOLARS			
TESTING YEAR:	2018	2017	2016
AP SCHOLARS	41	42	28
AP SCHOLARS WITH HONOR	22	21	15
AP SCHOLARS WITH DISTINCTION	34	25	21
AP NATIONAL SCHOLARS	5	3	-
TOTAL AP SCHOLARS (AVG. SCORE)	97 (3.99)	88 (4.11)	64 (3.99)

ADVANCED PLACEMENT			
TESTING YEAR	2018	2017	2016
STUDENTS TESTED	368	349	283
SCORED EXAMS	658	677	490
SUBJECTS TESTED	31	30	21
AP STUDENTS WITH SCORES 3+	298	257	217
% AP STUDENTS WITH SCORES 3+	81%	74%	77%
% EXAMS 3+ (% REQUIRED EXAMS)	82% (85%)	75% (82%)	75% (78%)
EXAMS SCORED 5	176	148	158
EXAMS SCORED 4	214	172	109
EXAMS SCORED 3	148	187	99

SAT SCORES (MEAN)				
	CLASS OF 2019 ¹	CLASS OF 2018 ²	CLASS 2017 ² 3/16 >	CLASS 2017 ² < 3/16
READING	32	31	29	578
MATH	31	32	29	622
WRITING	32	32	30	604
READING & WRITING	640	630	580	-
MATHEMATICS	635	610	580	-
TOTAL	1270	1240	1170	1804
CLASS SIZE	286	324	305	
STUDENTS REPORTING	200	251	92	156

¹ SCORES THROUGH JUNIOR YEAR ² SCORES THROUGH SENIOR YEAR

PSAT SCORES (MEAN) - CLASS OF 2019					
READING & WRITING	MATH	MATHEMATICS	READING	WRITING	TOTAL
565	28	562	28	29	1127

232 STUDENTS TESTED - ADMINISTERED OCTOBER, 2017

POST-SECONDARY ATTENDANCE - CLASSES OF 2016 – 2018

We proudly celebrate the post-secondary placements of ALL Northern Valley graduates into nearly 230 different 2-year, 4-year and vocational institutions – across a range of selectivity levels – in more than 33 states and in 5 countries.

Adelphi University	Guilford College	Pennsylvania College of Technology	The University of Arizona
Albright College	Hamilton College - NY	Pennsylvania State University	The University of Scranton
American University	Harvard University	Plymouth State University	The University of Tampa
Amherst College	High Point University	Pratt Institute	The University of Texas, Austin
Assumption College	Hobart and William Smith Colleges	Providence College	The University of the Arts
Auburn University	Hofstra University	Purchase College SUNY	Trinity College
Babson College	Howard Community College	Purdue University	Tufts University
Baruch College of the CUNY	Indiana University at Bloomington	Quinnipiac University	Tulane University
Bates College	Iona College	Ramapo College of New Jersey	Union College
Bentley University	Ithaca College	Rensselaer Polytechnic Institute	United States Military Academy
Bergen Community College	James Madison University	Rhode Island School of Design	University at Buffalo - SUNY
Binghamton University	Jefferson	Rhodes College	University of California, Berkeley
Boston College	John Jay College of Criminal Justice of the CUNY	Rider University	University of California, L. A.
Boston University	Johns Hopkins University	Ringling College of Art and Design	University of California, San Diego
Brandeis University	Johnson & Wales University	Rochester Institute of Technology	University of California, Santa Cruz
Brown University	Kean University	Roger Williams University	University of Central Florida
Bucknell University	Keene State College	Rowan University	University of Cincinnati
Butler University	University of Kentucky	Rutgers University-Camden	University of Colorado
California Polytechnic State University, San Luis Obispo	Kutztown University of Pennsylvania	Rutgers University-New Brunswick	University of Connecticut
Carnegie Mellon University	Lafayette College	Rutgers University-Newark	University of Dayton
Centenary University	Lehigh University	Sacred Heart University	University of Delaware
Champlain College	Lewis & Clark College	Saint John's University	University of Florida
Chapman University	Liberty University	Saint Joseph's University	University of Hartford
Charleston Southern University	Lincoln Technical Institute	Saint Louis University	University of Lynchburg
City College of New York	Long Island University	Salve Regina University	University of Maryland
Clarkson University	Loyola Marymount University	San Diego State University	University of Massachusetts
Clemson University	Loyola University Maryland	Santa Clara University	University of Miami
Coastal Carolina University	Lynchburg College	Sarah Lawrence College	University of Michigan
Colby College	Lynn University	Savannah College of Art and Design	University of Nebraska at Lincoln
College of Charleston	University of Maine	School of the Art Institute of Chicago	University of New Hampshire
Columbia College Chicago	Make-up Designory - New York	School of Visual Arts	University of New Haven
Community College of Baltimore County	Manhattan College	Seton Hall University	University of North Carolina at Charlotte
Concordia University-Montreal	Manhattan School of Music	Skidmore College	University of Pennsylvania
Cornell University	Manhattanville College	Southern Vermont College	University of Pittsburgh
Dickinson College	Marist College	Springfield College	University of Rhode Island
Dominican College	Maryland Institute College of Art	St. Lawrence University	University of Rochester
Drew University	Marymount Manhattan College	St. Thomas Aquinas College	University of South Carolina
Drexel University	MCPHS - Massachusetts College of Pharmacy & Health Sciences	State University of NY at Albany	University of Southern California
East Carolina University	Mercy College	Stevens Institute of Technology	University of St Andrews
East Stroudsburg University of Pennsylvania	Miami University, Oxford	Stevenson University	University of the Sciences in Philadelphia
Embry-Riddle Aeronautical University	Michigan State University	Stockton University	University of Tokyo - PEAK
Emerson College	Middlebury College	Stonehill College	University of Vermont
Emory University	Midlands Technical College	Suffolk University	University of Wisconsin, Madison
Endicott College	Monmouth University	SUNY Alfred State College	University of Wyoming
Erskine College	Montclair State University	SUNY College at Cortland	Ursinus College
Fairfield University	Montclair State University	SUNY College at Oneonta	Utica College
Fairleigh Dickinson University	Muhlenberg College	SUNY College at Potsdam	Valencia College
Fashion Institute of Technology	New England Conservatory of Music	Sussex County Community College	Vanderbilt University
Felician University	New Jersey Institute of Technology	Swarthmore College	Villanova University
Florida Atlantic University	New York Institute of Technology	Syracuse University	Virginia Commonwealth University
Florida Gulf Coast University	New York University	Tallahassee Community College	Virginia Tech
Florida International University	Northeastern University	Temple University	Washington University in St. Louis
Fordham University	Northwest Mississippi Community College	The Citadel, The Military College of South Carolina	West Chester University of Pennsylvania
Franklin & Marshall College	Northwestern University	The College of New Jersey	West Virginia University
Franklin Pierce University	Nyack College	The Cooper Union for the Adv. of Science & Art	Widener University
George Mason University	Oberlin Conservatory of Music	The Culinary Institute of America	William Paterson University of NJ
Georgetown University	Occidental College	The George Washington University	Worcester Polytechnic Institute
Georgia Institute of Technology	Old Dominion University	The Julliard School	Xavier University
Gettysburg College	Oregon State University	The Ohio State University	Yale University
	Pace University	The University of Alabama	
	Palm Beach State College		