



WATCHUNG HILLS REGIONAL HIGH SCHOOL

School Profile 2020-2021

CEEB Code: 311231

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Dr. Elizabeth C. Jewett
Superintendent

William J. Librera
Principal

Jason J. Sabino
Director of School Counseling

Vision Statement

The Watchung Hills Regional High School learning community is committed to developing critical and creative thinkers who collaborate and communicate effectively to solve academic and real-world problems. Our sustained focus on inquiry deepens our understanding of the relevance of academic skills. Our culture of acceptance and our commitment to aesthetic, athletic, and service interests broaden our approach to learning and strengthen our social and emotional intelligences. Through reflection and ethical decision-making, we continue to learn and grow, embrace differences, and prepare for an increasingly complex, ever-changing world.

School

Watchung Hills Regional High School is a highly performing secondary institution that is committed to excellence and equity. Our culture of inquiry and collaboration supports a comprehensive academic program, designed to teach students to ask questions, take risks, and solve problems. With emphasis on a growth mindset and social and emotional wellness, we help students discover their passions, discern pathways, and embrace challenges. Our 1:1 technology and STEAM initiatives complement a rich array of academic and co-curricular opportunities, including 26 AP courses, 31 interscholastic sports, and more than 60 clubs and activities. Students develop leadership skills and contribute to our school community through student government, student-run publications, service organizations, academic competitions, and award-winning performing arts programs. The student enrollment is 1940 with a senior class of 505. Approximately 95% of the Class of 2020 is attending post-secondary institutions.

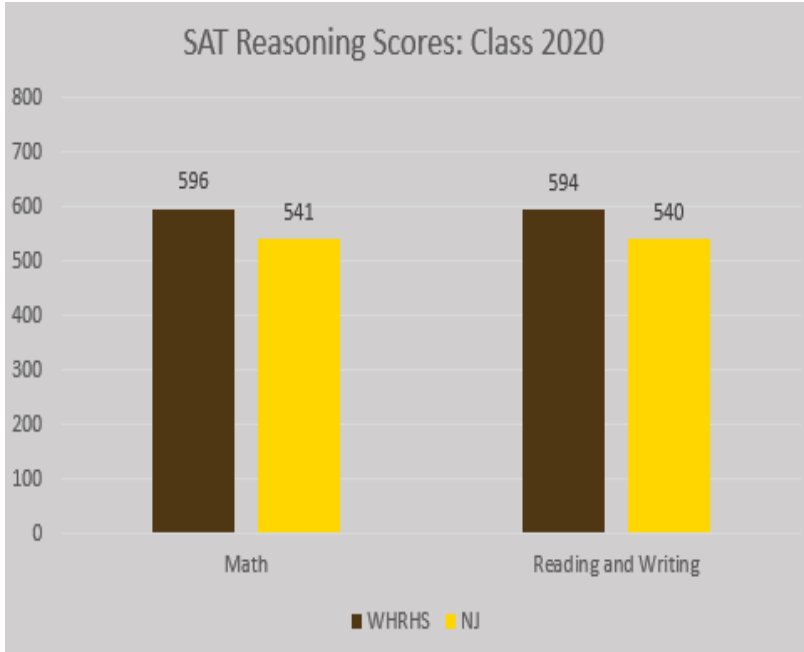
Community

Located in Somerset County, 25 miles from New York City, the school serves the suburban communities of Green Brook, Long Hill, Warren, and Watchung. Parents, alumni, and local organizations strengthen our school community through their support of the PTO, athletic and co-curricular booster clubs and associations, and strategic planning committees.

Educational Practices During COVID-19

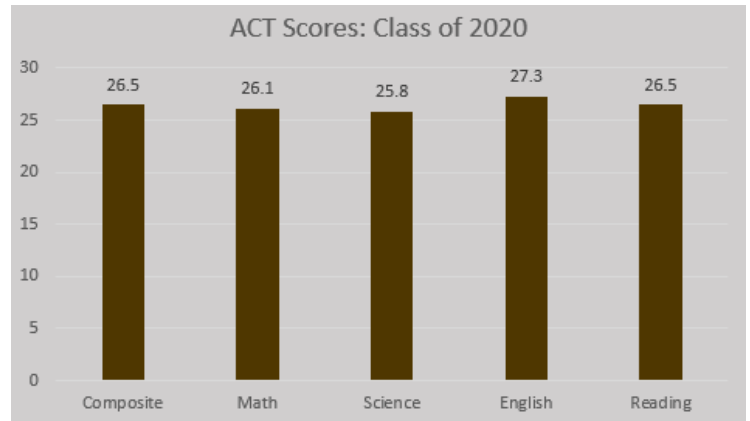
Watchung Hills Regional High School transitioned to an asynchronous distance learning model on March 16th, 2020. Students continued to earn numeric quarterly grades with the final marking period grading modified to 22% of the total average for all full year courses. For the 2020-2021 academic year, WHRHS students had the option to elect either a full-time synchronous remote learning model, or they could choose an in-person hybrid model. Students will be graded quarterly according to departmental and district practice. All core and elective offerings which include full collaboration and engagement on the part of the participants are offered this year. Students are following approved synchronous schedules and are grouped according to ability in four levels. Our highest level culminates in Advanced Placement courses which are offered in all disciplines.

Standardized Testing



SAT Subject	Mean Score
Literature	618
US History	623
Math Level 1	693
Math Level 2	735
Biology-E	639
Biology-M	688
Chemistry	679
Physics	704

National Merit Scholarship Program				
Class of	2021	2020	2019	2018
Recognized	41	30	33	68
Com-mended	30	26	27	53
Semifinal-ist	11	4	6	15
Finalist		4	6	15



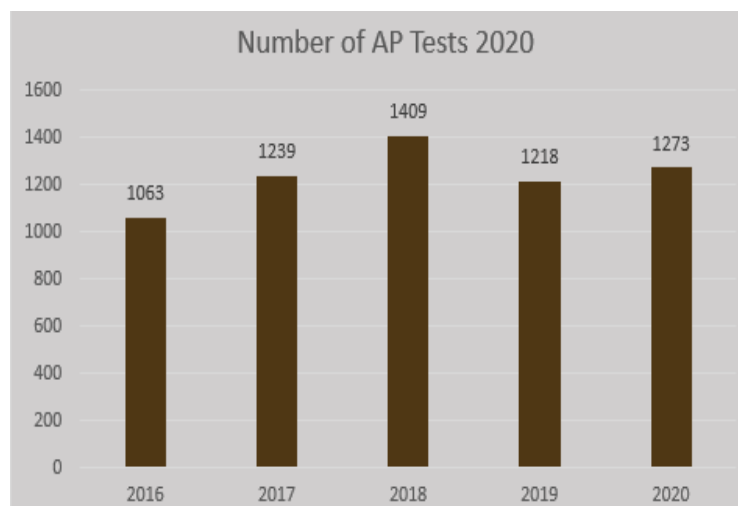
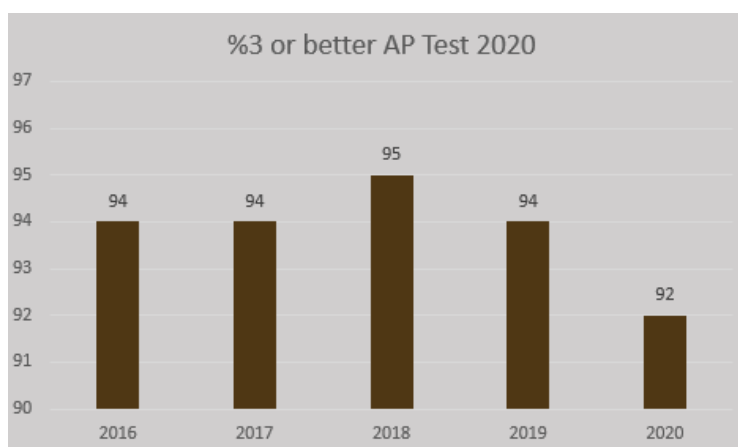
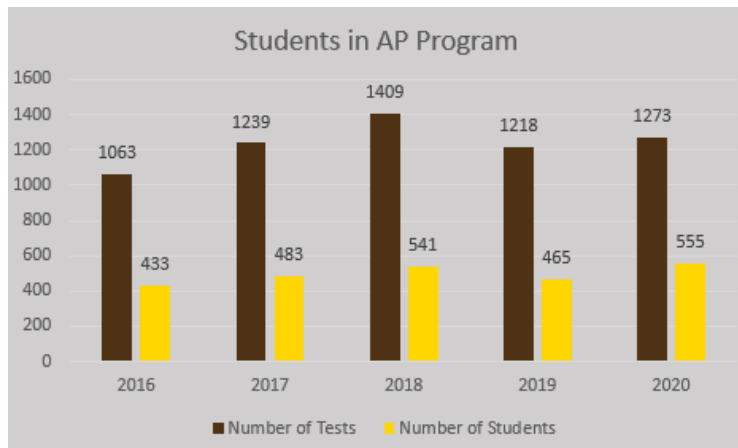
GPA Calculation

WHRHS calculates a non-weighted grade point average on a 4.0 scale and a weighted grade point average on a 5.3 scale. The GPAs are calculated using the values from the chart.

Watchung Hills Regional High School does not report class rank for the college application process. The Class of 2021 has 505 students and the highest weighted GPA (six semester average) is 5.1166.

Numeric Range	Non Wt GPA	CP	A	AP/ Honors
95-100	4	4.5	4.9	5.3
90-94	3.75	4.22	4.59	4.97
87-89	3.5	3.94	4.29	4.64
83-86	3.25	3.66	3.98	4.31
80-82	3	3.38	3.68	3.98
77-79	2.75	3.09	3.37	3.64
73-76	2.5	2.81	3.06	3.31
70-72	2.25	2.53	2.76	2.98
67-69	1.75	1.97	2.14	2.32
63-66	1.5	1.69	1.84	1.99
60-62	1.25	1.41	1.53	1.66
below 60	0	0	0	0

AP Summary



WHRHS had 555 students sit for 1273 exams in 2020. Students averaged 2.3 exams with an average exam score of 3.94.

All values are a percentage of total. Total=students

AP Class	5	4	3	Total
2-D Art	19	43	38	21
3-D Art	0	38	25	8
Biology	39	53	8	36
Calc AB	64	23	8	39
Calc BC	71	13	12	52
Chem	72	21	7	29
Chinese	36	21	21	14
Comp Sci A	37	40	14	35
Comp Sci P	24	39	30	135
Eng Lang	37	33	24	138
Eng Lit	22	32	37	60
Env Sci	36	40	12	25
Euro	17	35	35	23
French	30	60	10	10
Human Geo	11	36	34	47
Italian	33	67	0	6
Macro	21	27	15	100
Micro	29	30	20	102
Phys C -	64	18	7	28
Phys C-Mech	69	28	3	32
Psych	44	30	16	117
Span Lang	58	33	8	12
Stat	21	44	26	43
US Gov	57	27	10	51
US Hist	56	23	18	90

AP Scholars


Award	2020	2019	2018	2017	2016
National	29	36	39	31	21
With Distinction	110	122	136	110	96
With Honor	50	41	44	47	48
AP Scholars	60	58	67	67	56



Representative College Matriculations 2018-2020

American University	Gettysburg College	Princeton University
Boston College	Harvard University	Purdue University
Boston University	Haverford College	Rensselaer Polytechnic Institute
Brandeis University	University of Illinois	University of Richmond
Bucknell University	Indiana University at Bloomington	Rochester Institute of Technology
California Institute of Technology	James Madison University	University of Rochester
University of California, Berkeley	Johns Hopkins University	Rutgers University, New Brunswick
University of California, Los Angeles	Johnson & Wales University	The University of Scranton
Carnegie Mellon University	Lafayette College	Seton Hall University
Case Western Reserve University	Lehigh University	Smith College
University of Chicago	Loyola University Maryland	University of Southern California
Clemson University	University of Maryland, College Park	Stanford University
Colgate University	Massachusetts Institute of Technology	Stevens Institute of Technology
Columbia University	McGill University	Swarthmore College
Cornell University	University of Miami	Syracuse University
Dartmouth	University of Michigan	The University of Texas, Austin
University of Delaware	Morehouse College	The Culinary Institute of America
Drew University	Muhlenberg College	Trinity College Dublin
Drexel University	New Jersey Institute of Technology	Tufts University
Duke University	The College of New Jersey	Tulane University
Elon University	New York University	Vanderbilt University
Emory University	The University of North Carolina at Chapel Hill	Vassar College
Fairfield University	Northeastern University	Villanova University
University of Florida	Northwestern University	Virginia Tech
Fordham University	University of Notre Dame	Wake Forest University
Franklin & Marshall College	Oberlin College	Washington University in St. Louis
The George Washington University	Pennsylvania State University	William & Mary
Georgetown University	University of Pennsylvania	University of Wisconsin
Georgia Institute of Technology	University of Pittsburgh	Worcester Polytechnic Institute
University of Georgia		Yale University

Course Catalog 2020-2021

Discipline	Courses and Electives			Honors/AP Courses	
English	English 1	Journalism 1		Honors English 9, 10	
	English 2	Creative Writing 1		Honors Creative Writing 2	
	English 3	Intro to Philosophy		AP English Language and Composition	
	English 4	Comics and the Graphic Novel		AP English Literature and Composition	
Math	Algebra 1	Algebra 3 CP		Honors Geometry	AP Calculus: AB and BC
	Geometry	Advanced Math		Honors Algebra 2	AP Comp. Sci. Principles
	Algebra 2	Pre-Calculus Trig		Honors Statistics	AP Computer Science A
	Calculus			Honors Pre-Calculus Trig	AP Statistics
				Honors Multivariate Calculus	
Social Studies	World History	Ethical Choices Today		Honors World History	AP U.S. History 2
	U.S. History 1	Human Behavior		Honors U.S. History 1	AP U.S. Govt and Politics
	U.S. History 2	Civics		Honors Holocaust and Genocide	AP Human Geography
	Economics	African American Studies			AP Psychology
	Sociology				AP Economics
					AP European History
Science	Biology	Aerospace Engineering	Marine Biology	Honors Biology	AP Biology
	Chemistry	Architecture	Project Lead the Way: - Digital Electronic	Honors Chemistry	AP Chemistry
	Physics	Forensic Chemistry	- Introduction to Engineering Design	Honors Physics	AP Environmental Science
	CAD Architecture	Modern Genetics		Honors Forensic Chemistry	AP Physics C: Mechanical/ Electricity and Magnetism
	Human Biology	Ecology	- Principles of Engineering		
	Physics 2A	Astronomy	- Civil Engineering and Architecture		
		Robotics			
World Language	French 1	Italian 1	Spanish I	Honors French 3 and 4	AP French Language and Culture
	French 2	Italian 2	Spanish 2	Honors Italian 3 and 4	
	French 3	Italian Immersion & Culture 1	Spanish 3	Honors Chinese 3 and 4	AP Italian Language and Culture
	French 4	Chinese 1	Spanish 4	Honors Spanish 3 and 4	AP Chinese Language and Culture
	French 5	Chinese 2	Spanish 5		AP Spanish Language and Culture
		English as a Second Language	Spanish Immersion & Culture 1 and 2		
Business Arts	Accounting I	Law, Leadership and Ethics	Intr. Mobile App Development	Honors Accounting 2	
	Sports and Entertainment Management	Stock Market Investing	Digital Marketing	Honors Marketing	
	Computer Science	Entrepreneurship	Cyber Security		
		Personal Finance	Concepts in Business and Tech		
Visual and Performing Arts	Orchestra	Foundations of Ceramics	Foundations of Sculpture	Honors Fine Arts	AP Art History
	Concert Band (Freshman)	Intermediate Ceramics	Intermediate Sculpture	Honors Ceramics	AP Studio Art 2-D Design
	Symphonic Band	Foundations of Drawing	Foundations of Photography	Honors Wind Ensemble	AP Studio Art 3-D Design
	Guitar	Intermediate Drawing	Intermediate Photography	Honors Advanced Chorus	AP Music Theory
	Keyboarding/Piano	Foundation of Crafts	Foundation of Graphic Arts		
	Chorus	Intermediate Crafts	Intermediate Graphic Arts		
	Music Tech	Foundations of Jewelry	Wood Arts 1 and 2		
	Introduction to Theatre Arts	Intermediate Jewelry	Video Production 1		
	Theatre Production	Foundations of Painting	Intermediate Video Production		
	Cinema Studies	Intermediate Painting	TV Studio Broad Journal		
Family and Consumer Science	Child Development 1, 2 and 3	Culinary Arts 1 and 2			
Health and PE	Comprehensive Health and Physical Education—Grades 9, 10, 11, and 12				