



WATCHUNG HILLS REGIONAL HIGH SCHOOL

School Profile 2018-2019

CEEB Code: 311231

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www.whrhs.org

Elizabeth C. Jewett
Superintendent

George P. Alexis
Principal

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Director of Guidance

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.

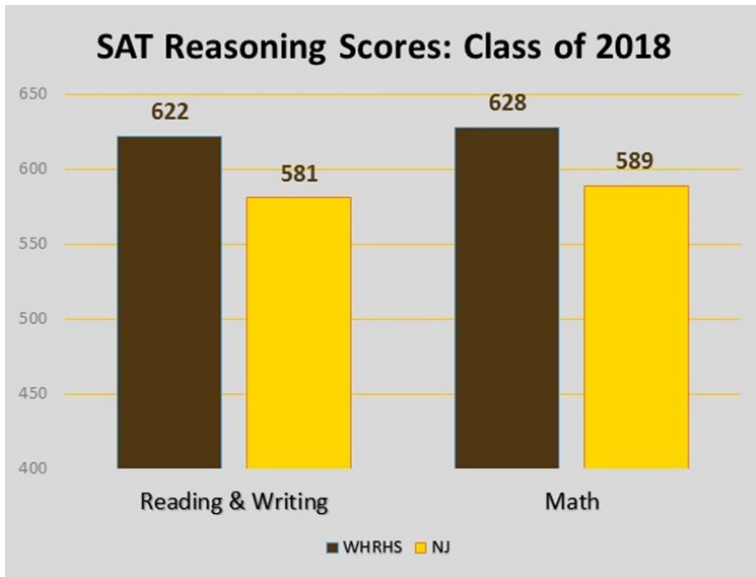
School

Watchung Hills Regional High School is a highly performing secondary institution that is committed to excellence and equity. Our culture of inquiry and collaboration support 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 24 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 1984 with a senior class of 495. Approximately 95% of the Class of 2018 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.

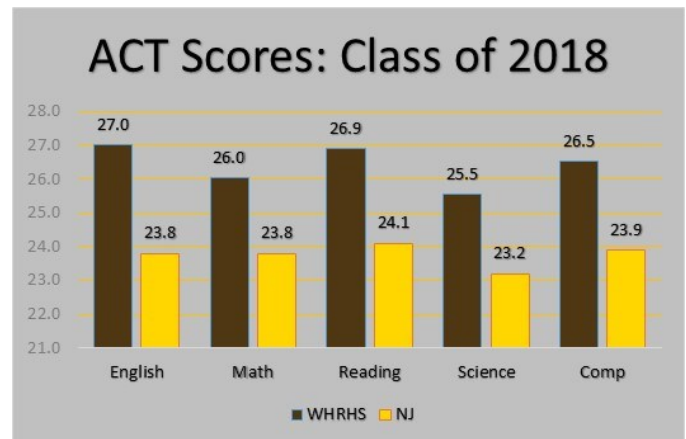
Standardized Testing



| SAT Subject Test | Mean Score |
|---------------------|------------|
| Literature | 614 |
| US History | 710 |
| World History | 649 |
| Mathematics Level 1 | 664 |
| Mathematics Level 2 | 723 |
| Biology-E | 688 |
| Biology-M | 716 |
| Chemistry | 718 |
| Physics | 702 |

National Merit Scholarship Program

| Class of | 2019 | 2018 | 2017 | 2016 |
|--------------|------|------|------|------|
| Recognized | 33 | 68 | 46 | 54 |
| Commended | 27 | 53 | 36 | 48 |
| Semifinalist | 6 | 15 | 10 | 6 |
| Finalist | | 15 | 10 | 6 |



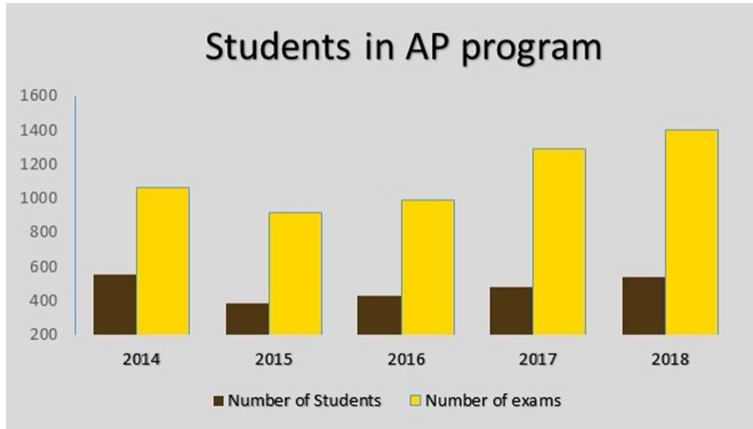
GPA Calculation

WRRHS 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 for each final grade earned.

Watchung Hills Regional High School does not report class rank for the college application process. The Class of 2019 has 495 students and the highest weighted GPA (six semester average) is 5.138.

| 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 |

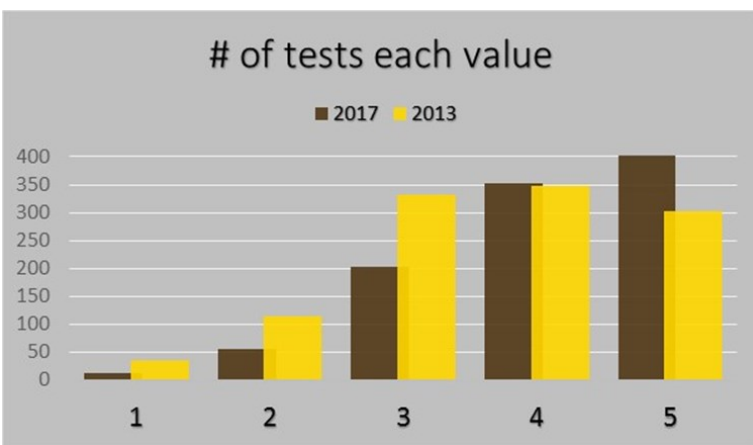
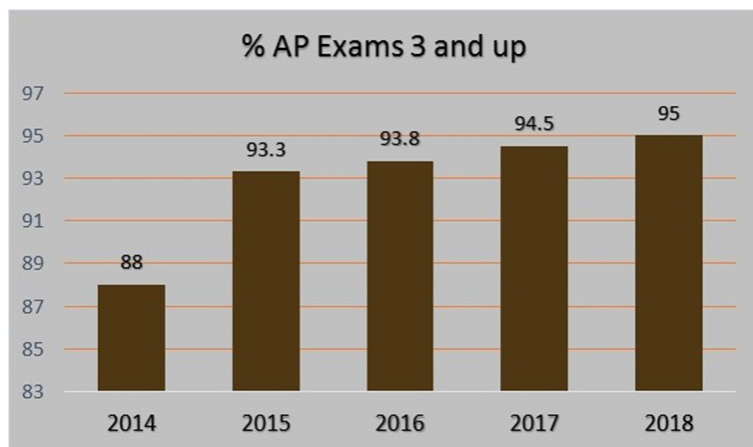
AP Summary



WHRHS had 541 students sit for 1353 exams in 2018. Students averaged 2.5 exams each during the 2018 administration of exams. The school had an average exam score of 4.08 and continued to see a rise in the percentage of students getting a 3 or higher.

Advanced Placement Test Results: May 2018

| All values are percentages of the total | 5 | 4 | 3 | Total |
|---|-----|----|----|-------|
| Art 2D | 18 | 59 | 23 | 22 |
| Biology | 53 | 29 | 12 | 17 |
| Calc AB | 50 | 22 | 17 | 72 |
| Calc BC | 82 | 11 | 5 | 55 |
| Chemistry | 62 | 26 | 13 | 39 |
| Chinese | 71 | 14 | 14 | 7 |
| Comp Sci A | 63 | 29 | 8 | 38 |
| CS Principles | 35 | 40 | 25 | 52 |
| Eng Lang | 41 | 38 | 20 | 147 |
| Eng Lit | 24 | 33 | 27 | 70 |
| Env Sci | 25 | 71 | 0 | 28 |
| Euro | 41 | 24 | 29 | 17 |
| French | 29 | 21 | 50 | 14 |
| German | 100 | 0 | 0 | 2 |
| Human Geo | 38 | 30 | 22 | 73 |
| Italian | 25 | 13 | 50 | 8 |
| Macro | 18 | 33 | 20 | 123 |
| Micro | 25 | 29 | 24 | 116 |
| Phys C - Elec | 45 | 28 | 15 | 53 |
| Phys C - Mech | 46 | 36 | 15 | 59 |
| Psyc | 36 | 33 | 22 | 90 |
| Span Lang | 85 | 10 | 5 | 20 |
| Statistics | 33 | 51 | 13 | 72 |
| US Gov | 67 | 20 | 12 | 76 |
| US History | 68 | 22 | 9 | 74 |



AP Scholars

| Award | 2018 | 2017 | 2016 | 2015 | 2014 |
|------------------|------|------|------|------|------|
| National | 39 | 31 | 21 | 34 | 17 |
| With Distinction | 136 | 110 | 96 | 101 | 75 |
| With Honor | 44 | 47 | 48 | 39 | 44 |
| AP Scholars | 74 | 67 | 56 | 63 | 80 |



Representative Sample College Matriculations 2018

| | |
|---------------------------------------|---|
| American University | New Jersey Institute of Technology |
| Amherst College | New York University |
| Auburn University | Northeastern University |
| Babson College | Northwestern University |
| Boston College | Princeton University |
| Boston University | Stanford University |
| Brandeis University | Syracuse University |
| Bucknell University | The College of New Jersey |
| California Institute of Technology | The George Washington University |
| Carnegie Mellon University | The University of Georgia |
| Case Western Reserve University | The University of Iowa |
| Clemson University | The University of North Carolina at Chapel Hill |
| Colgate University | The University of Texas, Austin |
| College of the Holy Cross | Tufts University |
| College of William and Mary | University of California, Berkeley |
| Columbia University | University of California, Los Angeles |
| Cornell University | University of Chicago |
| Dartmouth College | University of Delaware |
| Dickinson College | University of Denver |
| Drew University | University of Florida |
| Drexel University | University of Illinois at Urbana-Champaign |
| Duke University | University of Maryland, College Park |
| Emerson College | University of Miami |
| Emory University | University of Michigan |
| Fairfield University | University of Notre Dame |
| Fashion Institute of Technology | University of Pennsylvania |
| Fordham University | University of Pittsburgh |
| George Mason University | University of Richmond |
| Georgetown University | University of Rochester |
| Georgia Institute of Technology | University of Southern California |
| Gettysburg College | University of Toronto |
| Harvard University | University of Vermont |
| Indiana University at Bloomington | University of Virginia |
| James Madison University | University of Wisconsin, Madison |
| Johns Hopkins University | Vanderbilt University |
| Lafayette College | Villanova University |
| Lehigh University | Virginia Commonwealth University |
| Loyola University Maryland | Virginia Tech |
| Marquette University | Wake Forest University |
| Massachusetts Institute of Technology | Washington University in St. Louis |
| McGill University | Wellesley College |
| Michigan State University | Worcester Polytechnic Institute |
| Muhlenberg College | Yale University |

Curriculum

| Discipline | Regular Level Courses and Electives | | | Honors/AP Courses | |
|-----------------------------------|---|--|---|--|--|
| English | English 1 (A, CP) English 2 (A, CP) English 3 (A, CP) English 4 (A, CP) Fantasy/Science Fiction | Shakespeare Visual Image Multicultural Literature Journalism Creative Writing I | Philosophy I Philosophy II American Humanities Literature Through Graphic Novels | Honors English 9, 10 Honors Creative Writing 2 AP English Language and Composition AP English Literature and Composition | |
| Math | Algebra 1 (A, CP) Geometry (A, CP) Algebra 2 (A, CP) Pre-Calculus with Trig (A, CP) Calculus A | Algebra 3 CP Advanced Math Probability Consumer Math | Honors Pre-Calculus with Trig Honors Geometry AP Calculus: AB and BC Honors Algebra 2 Honors Multivariate Calculus Honors Statistics AP Computer Science Principles AP Statistics AP Computer Science A | | |
| Social Studies | World History (A, CP) Native American History U.S. History 1 (A, CP) U.S. History 2 (A, CP) Economics Sociology | Twentieth Century Dictators Twentieth Century in Historic Film Current Issues in American History Ethical Choices Today (previously Facing History and Ourselves) Holocaust and Genocide Studies Human Behavior | Honors Constitutional Law Honors World History Honors Holocaust and Genocide Honors U.S. History 1 AP U.S. History 2 AP Psychology AP U.S. Government and Politics AP Economics AP Human Geography AP European History | | |
| Science | Biology (A, CP) Chemistry (A, CP) Physics (A, CP) Aerospace Engineering A CAD Architecture Forensic Chemistry A Modern Genetics (Molecular Bio and Biostatistics) | Human Biology A Marine Biology Physics 2A Ecology Astronomy Robotics | Project Lead the Way: Introduction to Engineering Design A Principles of Engineering A Digital Electronic A Civil Engineering Architecture A | Honors Biology Honors Experimental Design Honors Chemistry Honors Forensic Chemistry Honors Physics Honors Organic Chemistry AP Biology AP Chemistry AP Environmental Science AP Physics C: Mechanical/Electricity and Magnetism | |
| World Language | English as a Second Language French 1 French 2 (A, CP) French 3 (A, CP) French 4A French 5A Latin 2A | Italian Cultural Studies Italian I Italian 2A Mandarin Chinese I Mandarin Chinese 2A Novice Spanish I German 2A | Novice Spanish 2 Spanish I Spanish 2 (A, CP) Spanish 3 (A, CP) Spanish 4A Spanish 5A | Honors Mandarin Chinese 3 and 4 Honors Spanish 3 and 4 AP Spanish Language and Culture Honors German 3 and 4 AP Italian Language and Culture Honors French 3 and 4 AP Chinese Language and Culture Honors Italian 3 and 4 AP French Language and Culture | |
| Business Arts | Introduction to Accounting Accounting I Accounting 2A Sports and Entertainment Management | Computer Science Law, Leadership and Ethics E-commerce Marketing | Stock Market Investing Entrepreneurship Intro Mobile App Development Game Programming Digital Marketing | Honors Accounting 2 | |
| Family Science | Child Development 1, 2, and 3 Child Management | Culinary Arts 1, 2, and 3 | | | |
| Health and PE | Comprehensive Health and Physical Education – Grades 9, 11, and 12 Comprehensive Health and Driver's Education – Grade 10 | | | | |
| Visual and Performing Arts | Advanced Dance Workshop Dance Studio 1 and 2 Hip Hop World Dance Music Appreciation Orchestra (Strings) Concert Band Symphonic Band A Guitar Keyboarding/Piano | Chorus Music Theory Music Tech Introduction to Theatre Arts Theatre Production Acting Workshop Cinema Studies Advanced Video Projects 2 Ceramics 1 and 2 Fine Arts 1, 2, and 3 | Advanced Ceramics Crafts Jewelry Art History Sculpture/3-D Design Art Studio Wood Arts Technology 1, 2, and 3 Video Production I and 2 Computer Aided Design 1, 2, and 3 Photography 1, 2, and 3 | Honors Wind Ensemble Honors Advanced Chorus AP Art History AP Studio Art 2-D Design AP Studio Art 3-D Design AP Music Theory | |