



# Ramsey High School

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## MISSION

THE MISSION OF RAMSEY PUBLIC SCHOOLS IS TO DEVELOP SUCCESSFUL INDIVIDUALS WHO WILL POSSESS THE KNOWLEDGE, SKILLS AND VALUES NECESSARY TO BECOME INDEPENDENT SELF-FULFILLED PERSONS IN A COMPLEX GLOBAL SOCIETY AND TO RAISE THE LEVEL OF EXPECTATIONS FOR ALL STUDENTS THROUGH A CHALLENGING ACADEMIC AND CO-CURRICULAR PROGRAM CONDUCTED IN A CARING AND INTELLECTUALLY STIMULATING ENVIRONMENT.

**Accredited By: STATE OF NEW JERSEY DEPARTMENT OF EDUCATION**

Ramsey is situated in northern New Jersey, twenty miles from New York City. With a population of 13,000, residents are served by a K-12 district with two elementary schools (K-3), one elementary school (4-5), one middle school (6-8), and one high school (9-12). The near 860 students of Ramsey High School reside in Ramsey and Saddle River.

Ramsey High School, established in 1908, and occupying a building built in 1936 with additions in 1967, 1975, and 2006 has a tradition of excellence in education. The High School has developed an educational program that meets the needs, interests, and abilities of its students.

## PHILOSOPHY OF RAMSEY HIGH SCHOOL

Ramsey High School serves a suburban community whose vision is to provide a quality education for its youth. The single most important role of the school is to empower students to become autonomous learners who will continue to recognize and solve problems throughout their lives. Over the past decade, the school community has engaged in a self-reflective re-thinking of secondary education, focusing on the skills and dispositions needed to meet the demands of a complex, global society of the 21<sup>st</sup> Century. This includes an explicit emphasis on critical thinking, problem-solving, collaboration, and self-direction. The staff has placed an emphasis on putting students in positions to transfer their learning in authentic settings. Leveraging technology through its one-to-one iPad initiative and collaborating with innovators through classes like Design Thinking, RHS uniquely positions its graduates to tackle future challenges in higher education and the workforce.

## GRADING AND RANKING

*The final letter grades from all courses, except Physical Education, Teaching Assistant, and those designated Pass/Fail, are used to determine GPA.*

Number Grades	Letter Grades	Non-Honors/AP	Honors/AP
97-100	A+	4.3	5.3
93-96	A	4.0	5.0
90-92	A-	3.7	4.7
87-89	B+	3.3	4.3
83-86	B	3.0	4.0
80-82	B-	2.7	3.7
77-79	C+	2.3	3.3
73-76	C	2.0	3.0
70-72	C-	1.7	2.7
67-69	D+	1.3	2.3
60-66	D	1.0	2.0
59 or	F	0	0

	2017	2016	2015
Total Graduates	220	220	222
Post-Secondary	95%	95%	95%
4 year colleges	89.6%	87.7%	89.6%
2 year colleges	7.5%	7.3%	5.4%
Other	2.8%	5%	5%

## CURRICULUM SUMMARY

Ramsey High School has a four-day, drop and rotate schedule. Students are scheduled for eight courses, six of which meet daily. This schedule provides for 55-minute block periods to encourage student-centered, problem-based learning. Our program of study is designed to meet the needs of all students. To receive a Ramsey High School diploma, the Class of 2017 must earn a minimum of 120 credits including: four years (20 credits) of English, one year (5 credits) of World History, two years (10 credits) of US History, three years (15 credits) of Mathematics, three years (15 credits) of Science, two years (10 credits) of World Language, one year (5 credits) of Fine and/or Performing Arts, one year (5 credits) of 21<sup>st</sup> Century Career or Tech Arts, and ½ year (2.5 credits) of Financial Literacy. In addition, students must also earn 5 credits of PE/Health for every year of attendance at Ramsey High School.

### ENGLISH:

English I, II (Essentials, CPC, CPE, Hon)  
English III, IV (Essentials, CPC, CPE, AP)  
Creative Writing  
Journalism  
The Motion Picture  
Developmental Reading

### MATHEMATICS:

Algebra A, B (Basic, CPC)  
Algebra I (CPC, CPE)  
Algebra II (Basic, CPC, CPE, Hon)  
Geometry (Basic, CPC, CPE, Hon)  
Pre-College Math (CPC)  
Precalculus (CPE, Hon)  
Calculus (CPE, AP)  
Computer Science (AP)  
Java Prog. I (CPE/Hon)  
Java Prog. II (CPE/Hon)  
Statistics (AP)  
Economics (AP)  
Computer Science A (AP)\*  
Comp. Sci Principles (AP)\*  
Mobile App Dev. (CPE/Hon)

### SCIENCE:

Geoscience (CPC, CPE)  
Biology (CPC, CPE, Hon, AP)  
Chemistry (CPC, CPE, Hon, AP)  
Physics (CPC, CPE, AP I, AP II)  
Anatomy/Physiology  
Ecology  
DNA Technology  
Forensic Science  
Environmental Science (AP)

### SOCIAL STUDIES:

World Hist (CPC, CPE, Hon)  
U.S. History I (CPC, CPE, Hon)  
U.S. History II (CPC, CPE, AP)  
American Gov't & Politics (AP)  
Sociology (CPE, SUPA)  
Political Science  
Psychology  
Practical Law  
Economics AP  
History of US I, II  
World Challenge  
Human Geography AP  
Facing History & Ourselves

### WORLD LANGUAGES:

Chinese I, II (CPE)  
Chinese III, IV (CPE, Hon)  
French I, II (CPE)  
French III, IV (CPE, Hon)  
French V (AP)  
German I, II (CPE)  
German III, IV (CPE, Hon)  
German V (AP)  
Latin I, II, III (CPE)  
Latin IV (AP)  
Spanish I, II (CPC, CPE)  
Spanish III, IV (CPE, Hon)  
Spanish V (AP)  
E.S.L.

### ART:

Visual Arts I, II, III  
Fashion Design  
Interior Design  
Ceramics and Sculpture  
Jewelry Making  
Computer Graphics  
Commercial Art  
Portfolio Development  
Experiences in Art

### BUSINESS:

Finance  
Business Management  
Marketing I, II  
Sports & Entertainment  
Marketing  
Financial Literacy  
Fashion Marketing  
Accounting I, II (CP)

### HOME ECONOMICS:

Foods and Nutrition  
Foreign Foods  
Meal Planning  
Intro to Culinary Arts  
Advance Culinary Arts  
Intro to Baking & Pastry  
Child Development

### TECHNOLOGY:

Automotives  
Technical Drawing  
Engineering Drawing / C.A.D.  
Architectural Drawing  
Design Drawing  
Power Technology  
Photography  
Woodworking  
Digital Video Production  
Robotics, Fabrication & Design

### INTERDISCIPLINARY:

Design Thinking: How To Innovate  
For the 21<sup>st</sup> Century

### THEATER ART:

Speech & Drama Acting  
Drama Workshop

### MUSIC DEPARTMENT:

Chorus  
Instrumental Music  
Voice  
Fundamentals of Music  
Music Theory (AP)  
Band Front (Color Guard)  
Digital Music Production

### HEALTH & PHYSICAL EDUCATION

Health/Phys. Ed. (9,10,11,12)

### \*ADDITIONAL OFFERINGS

#### Individually Designed

- External Coursework
- Independent Study
- Library Aide
- Nurse / Office Aide
- Special Education Aide
- Teaching Assistant
- Applied Study Skills
- BSI Language Arts
- BSI Mathematics
- Satellite School
- Study Skills I, II
- SUCCESS 101

### Notable Curriculum Facts:

- There are 20 Honors level courses offered, and 18 AP level courses offered.
  - AP Music Theory and AP Latin are offered every other year.
- Several new courses have been designed and implemented including Design Thinking (2015), Robotics (2016) and Digital Music Production (2016).
- New AP classes since 2014: Human Geography, Macroeconomics, Physics I, Physics II, and Environmental Science; New AP class in 2016: Computer Science Principles.
- Additional AP courses provided through *Virtual H.S.*
- Beginning in 2017-18, RHS is piloting Capstone projects for seniors that integrate our 21<sup>st</sup> Century Skills and Dispositions

## ACADEMIC AND TESTING STATISTICS\*

*GPA BREAKDOWN FOR THE CLASS OF 2018 AS OF JUNE 2017 CUMULATIVE WEIGHTED AVERAGES BASED ON SIX SEMESTERS*

GPA RANGES	4.01 & above	4.0-3.51	3.50-3.01	3.0-2.51	2.5-2.01	2.00 and under
# Students (196 as of 09/17)	36	53	73	31	13	6
% of Class	17%	25%	34%	15%	6%	3%

### SAT MEAN SCORE BREAKDOWN Pre-March 2016

	Critical Reading	Math	Writing
Class of 2017	574	598	580
Class of 2016	541	562	543
New Jersey 2017	n/a	n/a	n/a

### POST-MARCH 2016 SAT DATA MEAN SCORES

Evidence-based Reading and Math Scores (Combined)

YEAR	RAMSEY HS	NEW JERSEY	NATION
2017	1160	1056	1060

### ACT MEAN SCORE BREAKDOWN

	English	Math	Reading	Science	Composite
Class of 2017	25.9	25.2	26.3	24.9	25.7
New Jersey	23.8	23.8	24.1	23.2	23.9

### AP TEST RESULTS

- 197 Students took 404 exams in 18 academic subjects in May 2016
- 93.4% scored a 3 or higher

AP Tests	5	4	3	Total Tests Administered
Biology	0	2	5	7
Calculus AB	9	5	6	22
Calculus BC	2	1	3	8
Chemistry	1	2	4	8
Computer Science A	0	1	0	1
Computer Science Principles	2	3	15	21
Economics: Macro	2	10	3	16
Eng. Language/Comp	22	24	18	67
Eng. Literature/Comp	1	11	16	29
Environmental Science	4	8	3	15
French Language	1	6	6	13
German Language	0	0	1	3
Human Geography	4	19	14	49
Latin	0	0	3	4
Music Theory	2	1	0	3
Physics I	1	1	7	26
Physics II	0	1	0	1
Spanish Language	6	12	6	24
Statistics	2	6	11	22
U.S. Gov't & Politics	4	6	5	16
U.S. History	13	22	13	49
<b>TOTAL</b>	<b>76</b>	<b>141</b>	<b>139</b>	<b>404</b>

### GRADUATION REQUIREMENTS

COURSES	YEARS	CREDITS
ENGLISH	4	20
MATHEMATICS (ALGEBRA 1 & GEOMETRY)	3	15
SOCIAL STUDIES	3	15
SCIENCE (BIOLOGY & CHEMISTRY)	3	17
WORLD LANGUAGE	2	10
PHYS. ED./ DRIVER ED/HEALTH	4	20
PERFORMING/VISUAL ARTS	1	5
PRACTICAL ARTS	1	5
FINANCIAL LITERACY	0.5	2.5
<b>TOTAL</b>		<b>120</b>

### NOTABLE FACTS ABOUT RAMSEY H.S.

- Ramsey High School ranked as **#21 Top High School in NJ** according to NJ Monthly magazine in 2016
- RHS was recognized as on the AP District Honor Roll in 2016
- There were 40 AP Scholars, 16 AP Scholars with Honor, 26 AP Scholars with Distinction, and 2 National AP Scholars in the Class of 2017
- RHS offers an extensive complement of musical, artistic, athletic, literary, dramatic, social, cultural, and service opportunities
- In 2015-16, band and chorus received 13 acceptances into county, regional, and all-state level honor ensembles
- RHS boasted a US Presidential Scholar in 2015
- RHS had 10 DECA International Career Conference Competitors (2012-2016)
- Student-led Ramsey *Relay for Life* has raised over \$1,500,000 during its annual events since 2010

## CROSS-SECTION OF COLLEGE ACCEPTANCES FOR THE CLASSES OF 2014, 2015, 2016, 2017

Albright University  
Alfred University  
Alvernia University  
American University  
Arizona State University  
Barnard College  
Bates College  
Bentley University  
Bloomsburg University  
Boston College  
Boston University  
Bowdoin College  
Brandeis University  
Berklee College of Music  
Brown University  
Bryant University  
Bryn Mawr College  
Bucknell University  
Carnegie Mellon  
Case Western University  
Castleton University  
Catholic University  
Champlain College  
Clark University  
Colgate University  
Columbia University  
Connecticut College  
Clemson University  
Cornell University  
Culinary Institute of America  
Curry College  
Dartmouth College  
Delaware Valley  
Dickinson College  
Drew University  
Drexel University  
Duke University  
East Carolina University  
East Stroudsburg  
Elon University  
Embry-Riddle  
Endicott College  
Fairfield University  
Fairleigh Dickinson  
Fashion Institute of Technology  
Felician College  
Florida State University  
Fordham University  
Franklin and Marshall  
George Mason University  
George Washington  
Georgetown University  
Gettysburg College  
Goucher College  
Hamilton College  
Harvard University  
High Point University  
Hofstra University  
Holy Cross, College of the  
Indiana University  
Iona College  
Ithaca College  
Johns Hopkins University  
Johnson & Wales University  
James Madison University  
Kean University  
Kutztown University  
Lafayette College  
Lebanon Valley College  
Lehigh University  
LIM College  
Lock Haven University  
Long Island University  
Loyola University  
Lycoming College  
Lynn University  
Manhattan College  
Marist College  
McGill University  
Middlebury College  
Miami University of Ohio  
Michigan State University  
Monmouth University  
Montclair State University  
Mount Ida College  
Mount St. Mary College  
Muhlenberg College  
New Jersey, The College of  
NJIT  
New York University  
Northeastern University  
Northwestern University  
Ohio University  
Pace University  
Penn State University  
Philadelphia University  
Pratt Institute  
Providence College  
Purdue University  
Quinnipiac University  
Ramapo College  
Rensselaer Polytechnic  
RISD  
Richard Stockton Univ.  
Rider University  
Rochester Institute of Tech  
Roger Williams  
Rowan University  
Rutgers University  
Sacred Heart University  
Salisbury University  
Salve Regina University  
Sarah Lawrence College  
Savannah CAD  
School of Visual Arts  
Seton Hall University  
Siena College  
Skidmore College  
Smith College  
Southeastern University  
Springfield College  
St. Bonaventure University  
St. John's University  
St. Joseph's University  
St. Michael's College  
State University of New York  
Stetson University  
Stevens Institute of Technology  
Susquehanna College  
Syracuse University  
Temple University  
Towson University  
Trinity College  
Tufts University  
Tulane University  
Union College  
United States Air Force Academy  
University of Alabama  
University of Arizona  
University of Chicago  
University of Colorado  
University of Connecticut  
University of Dayton  
University of Delaware  
University of Georgia  
University of Hartford  
University of Illinois  
University of Kansas  
University of Kentucky  
University of Maryland  
University of Massachusetts  
University of Miami  
University of Missouri  
University of Montana  
University of New Hampshire  
University of New Haven  
University of North Carolina  
University of Notre Dame  
University of Pennsylvania  
University of Pittsburgh  
University of Rhode Island  
University of Richmond  
University of Rochester  
University of Scranton  
University of South Carolina  
University of Tampa  
University of Tennessee  
University of Toronto  
University of the Arts - Philadelphia  
University of Vermont  
University of Virginia  
Ursinus College  
Vanderbilt University  
Vassar College  
Villanova University  
Virginia Commonwealth  
Virginia Polytechnic Institute  
Wagner College  
Wake Forest University  
Wellesley College  
West Chester University  
West Virginia University  
William and Mary, The College of  
William Paterson University  
Yale University  
York College