

Leonia High School

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School Profile

2011 – 2012

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Leonia is a residential suburban community, thirty-five minutes by bus from the Times Square area in New York City. Its 9,000 inhabitants are largely homeowners, as well as business and professional people of the middle income group, including college faculty, musicians, and business executives. Included in our school population are approximately 175 students from Edgewater, a community of 5,500 inhabitants located along the Hudson River. Leonia is within minutes of Routes 80, 95, the New Jersey Turnpike, and the George Washington Bridge and is easily accessible from the Garden State Parkway and Routes 4 and 17.

It offers a four-year comprehensive program. There are approximately 650 students enrolled in grades 9-12. Each student is offered a program of studies to meet individual needs and goals.

The Leonia Science Academy

Freshman Year

Concepts in Modern Biology - AH
 Principles of Chemistry - AH
 Introduction to Medical Sciences - AH
 Techniques in Medical Technology - AH
 Advanced Geometry Honors
 Advanced Algebra II Honors
 English I Honors or English I
 World Civilization Honors or World Civilization
 World Language – Spanish, French, Latin, or Chinese
 PE/Human Sexuality
 Public Speaking

Sophomore Year

Anatomy & Physiology –AH
 AP Biology or AP Chemistry
 Medical Terminology – AH
 Pre-Calculus Honors
 English II Honors
 AP US History I or US I H or US I
 World Language
 PE II/Driver's Education
 Photography with Science Applications
 Introduction to Engineering/Architecture

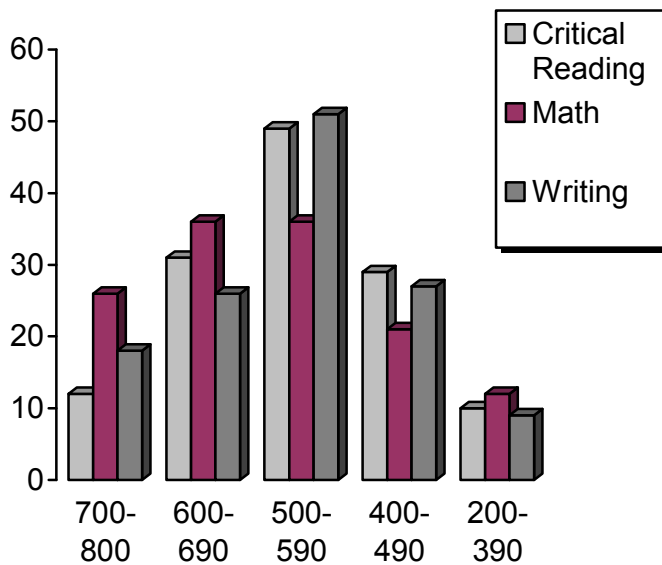
Junior Year

AP Biology or AP Chemistry or AP
 Environmental Science
 Physics Honors
 Calculus or AP Calculus A/B
 AP English Language/Composition or English III
 AP US History II or US II
 World Language
 PE III/Health 11
 Fine/Performing and/or Practical Arts Elective

Senior Year

AP Biology or AP Chemistry or AP
 Environmental Science
 AP Calculus A/B or AP Calculus B/C or AP
 Statistics
 AP English Literature/Composition
 Senior Internship
 PE IV/Family Living
 Fine/Performing and/or Practical Arts Elective or
 World Language

Class of 2011 SAT Breakdown



Class of 2011 SAT Breakdown

	Critical Reading	Math	Writing
750-800	3	13	6
700-740	9	13	12
650-690	11	11	8
600-640	20	25	18
550-590	20	19	24
500-540	29	17	27
450-490	14	16	18
400-440	15	5	9
200-390	10	12	9

131 tested out of a class of 152

Historical SAT Data

	Critical Reading	Math	Writing
2011	545	579	556
2010	521	575	538
2009	502	530	512
2008	525	546	533
2007	521	553	524

Standard Program

Board of Education policy requires each student to select a schedule consisting of a minimum of eight courses each year of high school. This includes Physical Education/Health and seven other courses selected from the areas of English, Mathematics, Social Studies, Science, World Language, Arts, and Vocational Studies (Business Education, Family and Consumer Science, and Industrial Technology).

All courses have a credit value equal to the number of times classes meet per week. Most classes meet 5 periods per week, yielding 5 credits. One semester courses meet for only half the year and yield 2.5 credits. However, science laboratory courses carry 6 credits (5 classes + 1 laboratory).

Graduation Requirements

Students must satisfactorily complete 130 credits, including:

- 4 years - English
- 4 years - Physical Education and Health/Driver's Education
- 3 years - Social Studies
- 3 years - Mathematics
- 3 years - Science
- 1 year - World Language
- 5 credits - Visual and/or Performing Arts
- 5 credits - Practical Arts

Class Rank

Rank is determined by a four-level approach.

Level 1 - AP courses (AP)

Level 2 - Honors courses (H)

Level 3 - All courses not listed in levels 1, 2, and 4.

Level 4 - Foundations courses, all academic special education courses.

Non-ranked courses - Math Lab, Language Lab, ESL Reading

Class of 2011

Outcome Statistics Summary

Class Size – 152

- 2 Year College – 17.8 %
- 4 Year College – 73.1 %
- Military – 0.7 %
- Non-US College – 1.3 %
- Other/Undecided – 3.3 %
- Gap Year – 1.3 %
- Employment – 2.6 %

Academic Core Course Levels

Courses in the academic core – English, Social Studies, Science, Mathematics, and World Languages – are offered at Foundations, College Prep, and Honors/AP levels. Level distinctions are intended to increase the likelihood of student success. Placement recommendations are keyed to promoting a positive learning experience, one that fully engages the student and encourages a lifetime of further learning.

* = New Courses

AP Courses

AP English Language/Composition
AP English Literature/Composition
AP Calculus A/B
AP Calculus B/C
AP Statistics *(10-11)
AP Environmental Science
AP Biology
AP Chemistry
AP Physics
AP US History I and AP US History II
AP Micro Economics
AP Macro Economics
AP French
AP Spanish
AP Latin – Vergil
AP Chinese *(10-11)
AP Studio Art*(07/08)

Honors Courses

English I H and English II H
Geometry H
Algebra II H
Pre-Calculus H
Calculus H
Physical Science H
Biology H
Chemistry H
Physics H
World Civilizations H
French IV H
Spanish IV H
Latin IV H

Ranking/Weighting Scale

	Level 1	Level 2	Level 3	Level 4
A+	5.60	5.10	4.60	4.10
A	5.25	4.75	4.25	3.75
A-	4.90	4.40	3.90	3.40
B+	4.60	4.10	3.60	3.10
B	4.25	3.75	3.25	2.75
B-	3.90	3.40	2.90	2.40
C+	3.60	3.10	2.60	2.10
C	3.25	2.75	2.25	1.75
C-	2.90	2.40	1.90	1.40
D	2.25	1.75	1.25	0.75
F	0.0	0.0	0.0	0.0

College Acceptances 2008 - 2011

Adelphi U.	George Mason U.	Ohio U.	U. of Bridgeport
Albany C. of Pharmacy	George Washington U.	Oklahoma City U.	U. of Calif. @ Berkeley
Albright C.	Georgetown U.	Oxford C. of Emory U.	U. of Central Florida
Alfred State C.	Georgia Inst. of Tech.	Pace U.	U. of Chicago
Alfred U.	Gettysburg C.	Parsons School for Design	U. of Cincinnati
Allegheny C.	Goucher C.	Penn. C. of Tech.	U. of Colorado @ Boulder
American U.	Hamilton C.	Penn. State U.	U. of Connecticut
Arcadia U.	Hampshire C.	Pepperdine U.	U. of Delaware
Arizona State U.	Hampton U.	Philadelphia U.	U. of Denver
Bard C.	Haverford C.	Polytechnic Inst. of NYU	U. of Hartford
Barnard C.	Hobart & William Smith C.	Pratt Inst.	U. of Hawaii @ Manoa
Baruch C.	Hofstra U.	Prescott C.	U. of Illinois
Bennington C.	Howard U.	Princeton U.	U. of Kansas
Bentley U.	Hunter C.	Providence C.	U. of Louisiana
Binghamton U.	Illinois Inst. of Tech.	Purchase C.	U. of Louisville
Bloomfield C.	Indiana U.	Purdue U.	U. of Maine
Boston C.	Iona C.	Queens C.	U. of Mary Washington
Boston U.	Ithaca C.	Quinnipiac U.	U. of Maryland
Brandeis U.	James Madison U.	Ramapo C.	U. of Massachusetts, Amherst
Brown U.	Kean U.	Rensselaer Polytech. Inst.	U. of Memphis
Bryant U.	Kendall C.	Rhode Island C.	U. of Miami
Bucknell U.	Kent State U.	Rice U.	U. of Michigan
Buffalo State C.	King's C.	Richard Stockton C.	U. of Minnesota
Butler U.	Kutztown U.	Rider U.	U. of N.C. at Chapel Hill
C. of Mount Saint Vincent	La Salle U.	Rochester Inst. of Tech.	U. of N.C. at Charlotte
C. of New Rochelle	Lafayette C.	Rollins C.	U. of New Hampshire
C. of Saint Elizabeth	Le Moyne C.	Rowan U.	U. of New Haven
C. of William & Mary	Lehigh U.	Rutgers, State U. of N.J.	U. of Notre Dame
Calif. State U., Long Beach	Lesley U.	Sacred Heart U.	U. of Pennsylvania
Carnegie Mellon U.	Lock Haven U.	Saint John's U.	U. of Pittsburgh
Case Western Reserve U.	Loyola U.	Saint Leo U.	U. of Rhode Island
Cazenovia C.	Lynn U.	Saint Peter's C.	U. of Richmond
Christopher Newport U.	Macalester C.	Salisbury U.	U. of Rochester
Clark Atlanta U.	Manhattan C.	Salve Regina U.	U. of San Francisco
Clark U.	Manhattanville C.	Sarah Lawrence C.	U. of Scranton
Coastal Carolina U.	Marist C.	Savannah C. of Art & Design	U. of South Carolina
Colby C.	Marshall U.	School of Visual Arts	U. of South Florida
Colgate U.	Maryland Inst. C. of Art	Seton Hall U.	U. of the Sciences
Colorado C.	Marymount Manhattan C.	Siena C.	U. of Vermont
Colorado State U.	Mass. C. of Pharmacy	Simmons C.	U. of Virginia
Columbia C.	McDaniel C.	Skidmore C.	U. of Washington
Columbia U.	McGill U.	Smith C.	U. of Wisconsin
Cooper Union	Miami U., Oxford	Southern New Hampshire U.	Union C.
Cornell U.	Michigan State U.	Springfield C.	Ursinus C.
Culinary Inst. of America	Middlebury C.	St. John's U.	Utica C.
Curry C.	Midwestern State U.	St. Joseph's C.	Vassar C.
Dickinson C.	Misericordia U.	St. Thomas Aquinas C.	Villanova U.
Dominican C.	Mitchell C.	Stevens Inst. of Tech.	Virginia Commonwealth U.
Drew U.	Monmouth U.	Stonehill C.	Virginia Polytech. Inst.
Drexel U.	Montclair State U.	Stony Brook U.	Wagner C.
East Stroudsburg U.	Moravian C.	Suffolk U.	Washington & Jefferson C.
Eckerd C.	Morehouse C.	SUNY C. @ Cobleskill	Washington C.
Elizabethtown C.	Morgan State U.	SUNY C. @ Geneseo	Washington U. in St. Louis
Emerson C.	Mount Ida C.	SUNY Maritime C.	Wentworth Inst. of Tech.
Emory U.	Mount Saint Mary's U.	SUNY Oswego	Wesley C.
Eugene Lang C.	Muhlenberg C.	SUNY @ Albany	Wesleyan U.
Fairfield U.	N.C. State U.	SUNY @ New Paltz	West Virginia U.
Fairleigh Dickinson U.	N.J. City U.	Susquehanna U.	Western New England U.
Fash. Inst. of Tech.	N.J. Inst. of Tech.	Syracuse U.	Widener U.
Florida Atlantic U.	N.Y. Inst. of Tech.	Temple U.	William Paterson U.
Florida Int'l. U.	N.Y.U.	The C. of N.J.	Williams C.
Florida State U.	Northeastern U.	Towson U.	Wofford C.
Fordham U.	Northwestern U.	Tulane U.	Wood Tobe-Coburn School
Franklin & Marshall C.	Nova Southeastern U.	U. @ Buffalo	Worcester Polytech. Inst.
Franklin Pierce U.	Ohio State U.	U. of Arizona	York C.

