

Westford Academy

2018-2019 School Profile

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Administration

James P. Antonelli, Principal
Betsy Murphy, Dean
Daniel P. Twomey, Dean
Robert P. Ware, Dean

ACCREDITED BY



Community

Westford is a suburban community of 24,230 residents located 35 miles northwest of Boston, Massachusetts.

Counseling Department

Wendy Pechacek, Coordinator
Leah Birnkrant Susan Lynch
Brian Doherty Tracy McLaughlin
Karen Halloran Patti Lonergan, LMHC
Heidi Hider Micaela Violette, LICSW
Jill Karatkewicz Lynda Vernalia, Admin. Asst.
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Westford Academy Facts

- Public high school - founded in 1792
- Total Enrollment (9-12): 1726
- Class of 2019: 445
- Total Faculty: 130
- Teaching Faculty with Advanced Degrees: 95%
- Student to Faculty Ratio: 12.5:1
- Average Class Size: 23

Graduation Requirements

English	20 credits
Math	20 credits
Science	15 credits
Social Studies	15 credits (10 U.S.)
PE/Wellness	10 credits
Health	2.5 credits
Computer Literacy	2.5 credits
Electives	20 credits
*World Language	10 credits/same language
*Visual/Performing Arts	2.5 credits
Total	117.5 credits

**beginning with the Class of 2020*

Students must also earn a passing score in all MCAS Graduation/Competency Determination requirements

Grade Point Average

NUMERICAL	AP	HONORS	COLLEGE PREP I	COLLEGE PREP II
98-100	5.0	4.5	4.0	3.5
93-97	4.7	4.2	3.7	3.2
90-92	4.5	4.0	3.5	3.0
87-89	4.3	3.8	3.3	2.8
83-86	4.0	3.5	3.0	2.5
80-82	3.7	3.2	2.7	2.2
77-79	3.4	2.9	2.4	1.9
73-76	3.0	2.5	2.0	1.5
70-72	2.7	2.2	1.7	1.2
65-69	2.0	1.5	1.0	0.5
0-64	0.0	0.0	0.0	0.0

GPA is determined for students using the weighted scale listed below. GPA is based on cumulative semester grades and includes all college preparatory, honors, and Advanced Placement courses.

**Westford Academy does not calculate class rank.*

Marking System

A+ = 98-100	B+ = 87-89	C+ = 77-79	D = 65-69
A = 93-97	B = 83-86	C = 73-76	F = 0-64
A- = 90-92	B- = 80-82	C- = 70-72	

Post Secondary Plans

	2015	2016	2017	2018
4 yr. College	87%	88%	92%	91%
2 yr. College	11%	10%	6%	7%
Employment	1%	1%	1%	1%
Military/Other	1%	1%	1%	1%

Mission Statement

Westford Academy, in collaboration with home and community, provides a safe environment where high expectations advance academic excellence. We are committed to promoting integrity and critical thinking, while fostering tolerance and life-long learning in an ever-changing global society.

College Admissions Test Scores

Mean SAT Scores

Class of	2018
# Tested	338
EBRW	640
Math	660

Mean ACT Scores

Class of	2015	2016	2017	2018
# Tested	149	227	254	217
English	25.5	26.7	26.4	28.2
Math	26.9	27.8	27.4	28.1
Reading	26.0	27.1	27.3	27.9
Science	25.4	26.7	26.2	26.7
Composite	26.0	27.2	26.9	27.7

National Merit Scholarship Results

Class of	2015	2016	2017	2018
Commended students	37	44	40	47
Semifinalists	7	15	12	10

Advanced Placement Program

AP Courses Offered:

Advanced Placement courses are offered in:

Studio Art	United States History
Biology	European History
Chemistry	English Literature
Physics C – Mechanics	French Language
Environmental Science	Spanish Language
Psychology	German Language
Calculus	Latin
Statistics	Music Theory
Computer Science A	

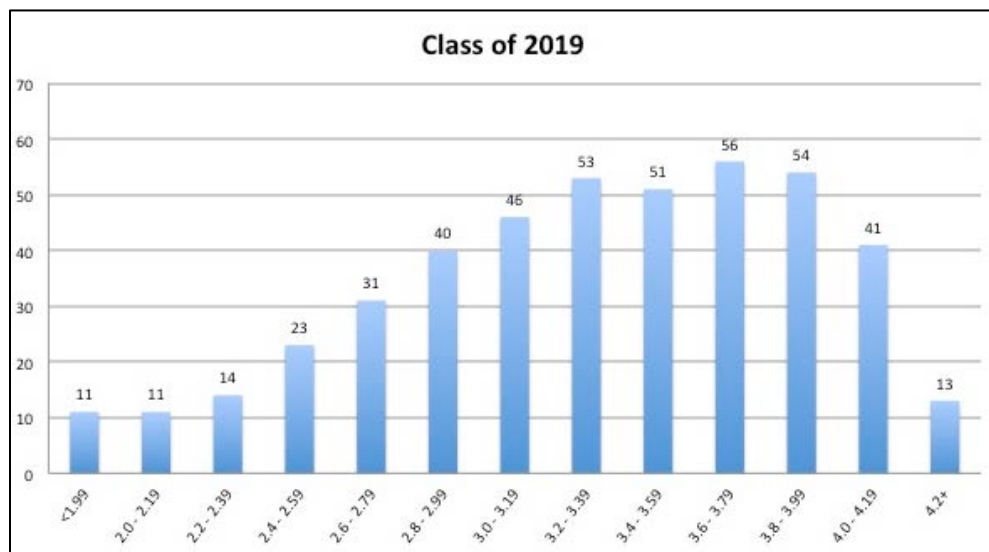
Advanced Placement courses are typically offered during the junior and senior year and students maximize their educational opportunities within the confines of the master schedule and graduation requirements.

All students receiving Advanced Placement credit are expected to take the AP examination in May.

2018 AP Distribution of Scores

Test Score	Number of Scores	% Total Exams
5	420	48
4	287	33
3	139	16
2	30	3
1	2	0

	2015	2016	2017	2018
Total AP Students	400	401	530	437
AP Scholars	145	175	143	188
Number of Exams	736	780	702	878
% of Total AP Students with Scores of 3 or above	96	95.5	97.7	96.3



College Matriculation of Westford Academy Graduates 2015-2018

University of Alabama	Duke University	Mass College of Art and Design	Sacred Heart University
Allegheny College	Duquesne University	Mass College of Liberal Arts	Saint Anselm College
American University	Durham University	Mass College Pharmacy & Health Sci	Saint Michael's College
Amherst College	Eastern Connecticut State U	Massachusetts Inst. of Technology	Saint Peter's College
University of Arizona	Elon University	Massachusetts Maritime Academy	Salem State University
Assumption College	Embry-Riddle Aeronautical U.	U. Massachusetts, Amherst	Salve Regina University
Auburn University	Emerson College	U. Massachusetts, Boston	San Diego State University
Babson College	Emmanuel College	U. Massachusetts, Dartmouth	Sarah Lawrence College
Baldwin Wallace University	Endicott College	U. Massachusetts, Lowell	Savannah College Art & Design
Ball State University	Evangel University	McGill University	Siena College
Bates College	Fairfield University	Merrimack College	Simmons College
Becker College	Fashion Institute Technology	Miami University, Oxford	Skidmore College
Belmont University	Fitchburg State University	University of Miami	Smith College
Bentley University	Flagler College	Michigan State University	University of South Carolina
Berklee College of Music	Florida Gulf Coast University	University of Michigan	University Southern California
Binghamton University	Fordham University	Middlebury College	Southern Connecticut State U.
Biola University	Framingham State University	Middlesex Community College	University of Southern Maine
Boston College	Franklin Pierce University	University of Minnesota	Southern New Hampshire U.
Boston University	Furman University	University of Mississippi	Springfield College
Bowdoin College	Gannon University	Montana State University, Bozeman	St. George's University
Brandeis University	George Mason University	Mount Holyoke College	Stanford University
University of Bridgeport	The George Washington U.	Mount St. Mary College	State U. of New York at Albany
Bridgewater State University	Georgetown University	Muhlenberg College	Stonehill College
Brigham Young University	University of Georgia	Nazareth College	Stony Brook University
Brown University	Georgia Institute of Technology	New England College	Suffolk University
Bryant University	Gettysburg College	New England Culinary Institute	SUNY Morrisville State College
Bryn Mawr College	Gonzaga College	University of New England	SUNY Delhi
Bucknell University	Gordon College	U. of New Hampshire – Durham	Swarthmore
California Institute Technology	Hamilton College	University of New Haven	Syracuse University
Cal Polytech -Pomona	Hampshire College	New York University	The University of Tampa
Cal Polytech-San Luis Osbispo	University of Hartford	Nichols College	Temple University
U. California – Berkeley	Hartwick College	U. North Carolina - Chapel Hill	Texas A&M University
U. California – Davis	Harvard University	U. North Carolina - Charlotte	Texas Christian University
U. California – Irvine	Hawaii Pacific University	U. North Carolina - Wilmington	U. of Texas, Austin
U. California – Los Angeles	High Point University	North Carolina State University	The Ohio State University
U. California – San Diego	Hobart and William Smith	University of North Texas	University of Toronto
U. California – Santa Barbara	Hofstra University	Northeastern University	Tufts University
Carnegie Mellon University	College of the Holy Cross	Northern Essex Community College	Tulane University
Case Western Reserve U.	Holyoke Community College	Northern Vermont University	Union College
Castleton University	Husson University	Northwestern University	Unity College
The Catholic U. of America	U. Illinois – Urbana-Champaign	Norwich University	University of Exeter
University of Central Florida	Indiana University Bloomington	University of Notre Dame	University of St. Andrews
Champlain College	Iowa State University	Oberlin College	University of Sydney
College of Charleston	The University of Iowa	Occidental College	University of Utah
University of Chicago	Ithaca College	Ohio University	Vanderbilt University
Clark University	James Madison University	Ohio Wesleyan University	Vassar College
Clarkson University	John Cabot University	Pace University, New York City	University of Vermont
Clemson University	Johns Hopkins University	Pennsylvania State U - All Campuses	University of Victoria
Cleveland Institute of Music	Johnson & Wales University	University of Pennsylvania	Villanova University
Coastal Carolina University	Juniata College	University of Pittsburgh	Virginia Tech
Colby College	Keene State College	Plymouth State University	Wake Forest University
Colby-Sawyer College	Kent State University	Pratt Institute	Washington U. in St. Louis
Colgate University	Kenyon College	Providence College	Wentworth Inst. Technology
U. Colorado - Boulder	Landmark College	Purdue University	West Virginia University
U. Colorado – Colorado Springs	Lasell College	Queen's University	Western New England U.
Columbia College Chicago	Lee University	Quinnipiac University	Westfield State University
Concordia University	Lehigh University	Reed College	Wheaton College MA
Connecticut College	Lesley University	Regis College	Wheelock College
University of Connecticut	Liberty University	Rensselaer Polytechnic Institute	Whitman College
Cornell University	Laboratory Institute Merch.	Rhode Island College	Widener College
Curry College	University of Louisville	Rhode Island School of Design	College of William and Mary
Dartmouth College	Loyola University Maryland	University of Rhode Island	U. Wisconsin, Madison
Dean College	University of ME Farmington	University of Richmond	Worcester Polytechnic Inst.
University of Delaware	University of Maine	Rivier University	Worcester State University
University of Denver	Maine College of Art	Rochester Institute of Technology	U. Wyoming
DePaul University	Manhattan College	University of Rochester	Yale University
DeSales University	Marist College	Roger Williams University	
Dickinson College	U. Maryland – College Park	Rollins College	
Drexel University	Marymount Manhattan College	Rutgers U- New Brunswick	

SCHOOL TO CAREERS PROGRAM

Self-Assessment and Career Exploration Students are introduced to the career decision-making process during their freshman year. They learn to assess their values, skills and interests and apply that information to course selection and opportunities in the world of work. They also open and develop an online portfolio of their career exploration activities during their four years at Westford Academy.

Career Exploration Breakfast The goal of this event is to help students connect academic schoolwork to career readiness and awareness beyond Westford Academy. Each sophomore and junior sits with two different community speakers in an informal, round table format. This active question and answer experience helps our students gain an understanding of careers and potential college majors. It may also lead to a junior job shadow site and/or a senior internship site. *All juniors and sophomores attend this event.*

Job Shadow This is a one-day visit to a workplace designed to give students the chance to observe someone at work in a specific career field. Students shadow an adult "role model" who is employed in a field of interest and can help the student with his/her educational and career decisions. Topics of discussion may include workplace norms and customs, and guidance in the career research and job search process. It is an important connecting activity that can lead to internship or work opportunities. *All juniors participate in a May Job Shadow day.*

Senior Capstone Experience

Seniors participate in the 4th quarter Senior Capstone Experience in one of the following ways:

Internships Unpaid work experience for students that is structured to help demonstrate practical applications for academic learning. These experiences help students focus on career goals, motivate them in school, and may even lead to future employment.

Community Service Students volunteer their time in hospitals, nursing homes, or other community agencies. Previous sites include volunteering the Cameron Senior Center, Lowell Humane Society or Habitat for Humanity. At least half of the student's weekly community service hours must be spent in direct contact with the organization for which they are volunteering.

Research Paper or Project (only for students enrolled in at least two AP courses) is in-depth research on an approved topic of choice. With the help of a faculty advisor and site supervisor in the community, the student plans and carries out an in-depth study of a particular topic, such as scientific research or developing a computer program.

In 2018, 95% of our seniors participated in the Senior Capstone Experience.

Curriculum Information

Although Westford Academy offers four levels of courses in English, mathematics, science, social studies and world languages, students are not tracked. Most departments offer a variety of courses that are heterogeneously grouped. Elective courses provide opportunities to participate in many areas of performing and visual arts. Studio arts, symphonic band, theatre arts, and moviemaking are among the programs available to students.

Students are expected to enroll in a minimum of 32.5 credits each academic year. The schedule is based on a seven-day rotation with six classes meeting each day. Students earn 5 credits for successful completion of each full year course and 2.5 credits for each half-year course. Any questions regarding a student's transcript should be directed to the Counseling Department or by consulting the Program of Studies at: <https://www.westfordk12.us/wa/guidance/pages/program-studies>

Co-Curricular Activity

Over 70 clubs, activities and organizations are available including Orchestra, Chorus, Theater Arts, Marching Band, Peer Counseling, Cirrus, D.E.C.A., GSA, HOSA, Amnesty International, National Honor Society, Student Council, Project Purple, and SADD. Interscholastic athletic activities include football, soccer, field hockey, track, cross country, basketball, baseball, ice hockey, swimming, gymnastics, cheerleading, wrestling, tennis, golf, volleyball, softball, alpine skiing, and lacrosse. Intramural activities are also offered to interested students.

Students are expected to participate in community service activities throughout all four years.

An active student exchange program brings students from different countries to spend a year or a semester at Westford Academy. Opportunities to travel to England, Germany, France, Spain, and Canada under the tutelage of Westford Academy staff are frequent summer, spring or winter break adventures for interested students.