

Westford Academy

2017-2018 School Profile

30 Patten Road
Westford MA 01886
wa.westfordk12.us/pages/index

Main: (978) 692-5570
Fax: (978) 692-5576
CEEB # 222335



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 22,850 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.
Email: firstinitiallastname@westfordk12.us

Westford Academy Facts

- Public high school - founded in 1792
- Total Enrollment (9-12): 1712
- Class of 2017: 390
- 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

	2014	2015	2016	2017
4 yr. College	86%	87%	88%	92%
2 yr. College	12%	11%	10%	6%
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	2017
# tested	349
EBRW	620
Math	640

Mean ACT Scores

Class of	2014	2015	2016	2017
# tested	98	149	227	254
English	26.2	25.5	26.7	26.4
Math	27.5	26.9	27.8	27.4
Reading	25.4	26.0	27.1	27.3
Science	25.6	25.4	26.7	26.2
Composite	26.3	26.0	27.2	26.9

National Merit Scholarship Results

Class of	2015	2016	2017	2018
Commended students	37	44	40	45
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	

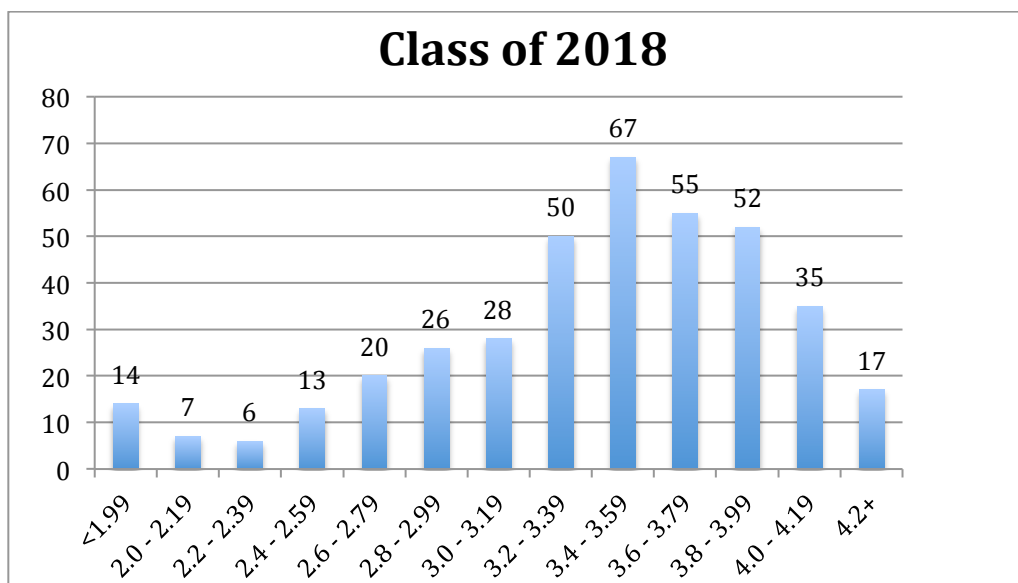
Advanced Placement courses are typically offered during the junior and senior year and students maximize their educational opportunities within the confines of the master schedule and graduation requirements.

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

2017 AP Distribution of Scores

Test Score	Number of Scores	% Total Exams
5	336	48
4	222	32
3	124	18
2	17	1.7
1	3	.3

	2014	2015	2016	2017
Total AP Students	352	400	401	530
AP Scholars	112	145	175	143
Number of Exams	636	736	780	702
% of Total AP Students with Scores of 3 or above	93.2	95.5	95.5	98.0



College Matriculation of Westford Academy Graduates 2014-2017

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

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 2017, 94% 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: http://wa.westfordk12.us/pages/westfordwa_progstudies/index

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.