

Westford Academy

2023-2024 School Profile

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

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CEEB # 222335



Administration

Daniel P. Twomey, Principal
Betsy Murphy, Dean
Amanda Welch, Dean
Robert P. Ware, Dean



Community

Westford is a suburban community of 24,643 residents located 35 miles northwest of Boston, Massachusetts.

Westford Academy Facts

- Public High School - founded in 1792
- Total Enrollment (9-12): 1464
- Class of 2023: 425
- Total Faculty: 161
- Student to Faculty Ratio: 12:1
- Average Class Size: 15

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
Electives	22.5 credits
World Language	10 credits/same language
Visual/Performing Arts	2.5 credits

Total 117.5 credits

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

- Students are limited to two science courses each year.
- All science courses have a laboratory component.
- Only credits earned at Westford Academy or through Dual Enrollment are calculated into GPA, up to 35 credits per year.

Counseling Department

Lauren Clark, Director

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Leah Birnkrant Susan Lynch
Brian Doherty Tracy McLaughlin
Karen Halloran Patti Loneragan, LMHC
Heidi Hider Micaela McQuaide, LICSW
Samantha DeMagistris
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Grade Point Average

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

GPA is determined for students using the weighted scale listed below. GPA is based on cumulative semester grades when credit is earned in a college preparatory, honors, and Advanced Placement courses.

**Westford Academy does not calculate class rank.*

For the 2020-2021 school year, students had the choice to be either fully remote or hybrid. In April 2021, all students were offered to return to full time in-person learning.

Mission Statement

We value the development of curious life-long learners who are responsible, empathetic members of the community, demonstrating innovation through a wide variety of opportunities within inclusive, joyful learning environments that embrace their variability and honor their diversity. We believe in preparing out students for active, positive participation as both local and global citizens by developing and fostering creativity, communication, collaboration and critical thinking.

Post Secondary Plans 2023

Class of	2020	2021	2022	2023
4 yr. college	93%	86%	93%	92%
2 yr. college	3%	8%	2%	2%
Employment	2%	2%	1%	2%
Military/Other	2%	4%	4%	4%

Mean SAT Scores

Class of	2020	2021	2022	2023
# Tested	400	173	323	354
EBRW	620	655	625	618
Math	637	678	644	625

Mean ACT Scores

Class of	2020	2021	2022	2023
# Tested	142	68	85	80
Composite	28.0	29.5	28.6	28.3

National Merit Scholarship Results

Class of	2019	2020	2021	2022	2023
Commended Students	49	34	27	30	20
Semifinalists	10	10	12	14	8

Advanced Placement Program

AP Courses Offered:

Advanced Placement courses are offered in:

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

2022 AP Distribution of Scores

Test Scores	Number of Scores	% Total Exams
5	235	39%
4	254	34%
3	165	18%
2	67	7%
1	20	2%

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.

Class of	2019	2020	2021	2022	2023
Total AP Students	439	475	407	448	476
AP Scholars	195	197	187	182	206
Number of Exams	887	951	818	889	1063
%Total of AP Students with Scores of 3 or above	97.3	96.6	93.37	89%	91%

College Matriculation of Westford Academy Graduates

2021 - 2023 (Bold= 3 or More)

Albany College of P/H Sciences	Gonzaga University	Quinsigamond Community College	U California (Berkeley)
Amer Acad Dramatic Arts (NY)	Gordon College	Regis College	U California (Davis)
American University	Grand Canyon University	Rensselaer Polytechnic Institute	U California (Irvine)
Amherst College	Hamilton College	Rivier University	U California (Los Angeles)
Anna Maria College	Harvey Mudd College	Rochester Institute of Technology	U California (San Diego)
Arizona State U (Main)	High Point University	Roger Williams University	U California (Santa Barbara)
Assumption University	Hofstra University	Rutgers U (New Brunswick)	U California (Santa Cruz)
Auburn University	Huntington University	Sacred Heart University	University of Chicago
Babson College	Imperial College London	Saint Anselm College	U Cincinnati (Main)
Bates College	Indiana University (Bloomington)	Saint Joseph's University	University of Colorado Boulder
Bentley University	Ithaca College	Saint Louis University	University of Connecticut
Berklee College of Music	James Madison University	Saint Michael's College	University of Delaware
Boston College	Johns Hopkins University	Salem State University	University of Detroit Mercy
Boston University	Johnson & Wales U (Providence)	Salve Regina University	University of Florida
Brandeis University	Keene State College	San Diego State University	University of Hartford
Bridgewater State University	Lafayette College	Savannah College of Art & Design	U of Illinois (Urbana-Champaign)
Brigham Young University	Lasell University	School of the Art Institute of Chicago	University of Kansas
Brown University	Lesley University	School of Visual Arts	University of Kentucky
Bryant University	Liberty University	Scripps College	University of Maine
Butler University	Loyola University Maryland	Simmons University	U Maryland (College Park)
Carnegie Mellon University	Loyola University Maryland	Simon Fraser University	U Massachusetts (Amherst)
Case Western Reserve U	Manchester Community College	Skidmore College	U Massachusetts (Boston)
Champlain College	Manhattan College	Smith College	U Massachusetts (Dartmouth)
Chapman University	Marist College	Southern New Hampshire U	U Massachusetts (Lowell)
Clark University	Maryland Institute College of Art	Springfield College	University of Michigan
Clarkson University	Marymount Manhattan College	St. Bonaventure University	U Minnesota (Twin Cities)
Coastal Carolina University	Mass College of Art and Design	St. John's College (Annapolis)	University of New England
Colby College	Mass College of P/H Sciences	St. Lawrence University	U New Hampshire (Main)
Colby-Sawyer College	Massachusetts Inst of Technology	St. Norbert College	University of New Haven
Colgate University	Massachusetts Maritime Academy	Stanford University	U North Carolina (Asheville)
College of Charleston	McGill University	Stetson University	U North Carolina (Chapel Hill)
College of the Holy Cross	Mercyhurst University	Stonehill College	U North Carolina (Charlotte)
Colorado State U (Fort Collins)	Merrimack College	Stony Brook University	U North Carolina (Wilmington)
Concordia University (Montreal)	Miami University (Oxford)	Suffolk University	University of Pittsburgh (Main)
Connecticut College	Michigan State University	SUNY at Albany	University of Rhode Island
Cornell University	Middlebury College	SUNY at Binghamton	University of Richmond
Curry College	Middlesex Community College	SUNY at New Paltz	University of South Carolina
Daemen College	Molloy College	SUNY University at Buffalo	University of Southern California
Dartmouth College	Monroe Community College	Swarthmore College	University of Southern Maine
Davidson College	Mount Holyoke College	Syracuse University	University of St Andrews
Dean College	Muhlenberg College	Technical University of Munich	University of Toronto
DePaul University	Nazareth College	Temple University	University of Utah
Drexel University	New England Inst of Technology	Texas A&M University	University of Vermont
Duquesne University	New Jersey Institute of Technology	Texas Christian University	U of Virginia (Main)
Elon University	New York University	Texas Tech University	U of Wisconsin (Madison)
Embry-Riddle Aero U (Daytona)	North Carolina State University	The College of William and Mary	Vanderbilt University
Emerson College	Northeastern University	The Ohio State U (Main)	Vassar College
Emmanuel College	Norwich University	The University of Alabama	Villanova University
Emory University	Norwich University	The University of Tampa	Virginia Polytechnic & State U
Endicott College	Nova Southeastern University	The U Tennessee (Knoxville)	Washington University in St Louis
Fairfield University	Pace University (New York City)	The University of Texas (Austin)	Wentworth Inst of Technology
Fitchburg State University	Parsons School of Design	Trinity College	Wesleyan University
Florida Atlantic University	Pennsylvania State U (Main)	Trinity College Dublin	Western New England University
Fordham University	Pine Manor College	Tufts University	Westfield State University
Framingham State University	Plymouth State University	Tulane University of Louisiana	Wheaton College
Franciscan U (Steubenville)	Pratt Institute	Union College	Worcester Polytechnic Institute
Franklin Pierce University	Providence College	University College Dublin	Worcester State University
Georgetown University	Purdue University (Main)	University of Arizona	Xavier University
Georgia Institute of Tech (Main)	Quinnipiac University	University of Arkansas	York College Pennsylvania

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 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 capstone 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 their 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. The Junior Job Shadow was canceled in May 2021 due to the COVID-19 Pandemic.***

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 at 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 volunteer.

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 2021, 2022 and 2023, 100% of the senior class participated in a Senior Experience, a modified version of the Senior Capstone that allowed for more flexibility due to pandemic restrictions.***

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/2021-2022-program-studies-0>

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.