



NEWTON SOUTH HIGH SCHOOL

2022/2023 SCHOOL PROFILE

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LEARNING AT NEWTON SOUTH DURING THE COVID-19 PANDEMIC

From March 2020 through January 2021, nearly all teaching and learning at Newton South took place remotely. The spring of 2020 consisted largely of asynchronous instruction, however the 2020-2021 school year consisted of synchronous, online class meetings. A small number of high-needs students were offered in-person education beginning in September 2020. In January 2021 Newton South transitioned to “hyflex” instruction. Those students whose families chose for them to return to in-person instruction were in school and classmates joined remotely using video conferencing tools. In September 2021 Newton South returned to full-time in-person instruction.

GPA & GRADING POLICY UPDATES

In 2021-2022 Newton South returned to a traditional A-F grading system including the use of pluses and minuses.

During the 2020-2021 school year, Newton South reported grades on a modified grading scale, using the designations below. Credit was awarded for grades of A, B and P. No credit was awarded for final grades of NG.

A (Advanced): Student engages fully with the material and with the classroom community, uses feedback to improve performance, reflects on growth, and is able to independently and consistently demonstrate knowledge and mastery of skills.

B (Proficient): Student engages significantly with the material and with the classroom community, uses feedback to improve performance, reflects on growth, and is able to independently demonstrate knowledge and mastery of skills. Student may demonstrate some inconsistency in different skill or content areas.

P (Emerging): Student demonstrates proficiency in learning with teacher and or peer guidance and feedback. Student needs to show more consistency and independence in foundational knowledge and skill use. Student may also engage partially with the material and the class community, sometimes using feedback to improve performance and reflect on growth.

NG (Beginning): Student shows limited to no engagement with the material and class community. There is not enough work to elicit meaningful feedback from the teacher, providing little to no opportunity for growth, and there is minimal evidence of development of targeted skills.

GPA POLICY 2022-2023

Newton South calculates Grade Point Average (GPA) based upon courses completed in the Newton Public Schools in grades 10-12. Grades earned in ninth grade or outside of the Newton Public Schools are not included in GPA calculation.

In the 2020-2021 school year, Newton South eliminated the calculation of a weighted GPA. To accommodate multiple grading scales, Newton South is no longer reporting a cumulative GPA.

For students in the class of 2023, transcripts report an unweighted GPA representing grades earned at Newton South in the tenth grade along with an unweighted GPA representing grades earned at Newton South in the eleventh grade. After the first semester of twelfth grade, mid-year transcripts will include an unweighted GPA based upon grades earned during the first two quarters of twelfth grade.

ACADEMIC & STANDARDIZED TEST PERFORMANCE

SCHOOL AND COMMUNITY - TOTAL ENROLLMENT: 1839 - CLASS OF 2023: 482

Newton is a small city of 85,000 located 4 miles west of Boston. Our excellent public educational system is strongly supported by its residents and attracts families from all over the world. Our community is comprised of primarily academic, executive and professional families. Since its inception in 1966, Newton Public Schools have embraced students from Boston through the METCO program. This program provides expanded academic opportunities

CLASS OF 2022 FUTURE PLANS:

- Total Post-Secondary Education: 93%
- 88% 4 year college
 - 2% 2 year college
 - 1% Specialized & Post-Grad Education
 - 5% Gap year
 - 4% Employment/military/vocational training

STUDENT DEMOGRAPHICS:

- Black/African American 4.5%
- Asian 23.5%
- Hispanic 7.3%
- Native Hawaiian/Pacific Islander .1%
- Multi-Race/Non-Hispanic 6.8%
- White 57.8%

2022 AP PERFORMANCE

In Spring 2022, 497 students in grades 9-12 took 942 tests in 31 subjects. 85% earned scores of 3 or better.

- AP Scholars with Distinction: 46
- AP Scholars with Honors: 42
- AP Scholars: 49

NATIONAL MERIT & ACHIEVEMENT PROGRAMS

- Winners: 2 (Class of 2022)
- Finalists: 11 (Class of 2022)
- National Recognition Program: 5 (Class of 2022)
- Semi-Finalists: 14 (Class of 2023)
- Commended Students: 46 (Class of 2023)

DIPLOMA REQUIREMENTS

A minimum of 243 credits is required for graduation. Students planning to continue formal education after high school are strongly advised to complete at least 2 years of a world language. Our grading system is alphabetical. D- is a passing grade.

English (48 Credits), Mathematics (24 Credits) History/Social Science - including United States History (36 credits), Science - 12 in biological science and 12 in physical science (24 Credits), Visual/Performing Arts (12 Credits), Wellness/Physical Ed (15 Credits).

CLASS OF 2022 - MIDDLE 50% STANDARDIZED TEST SCORES

Middle 50% SAT Scores (361 Students Tested)

Percentile	Total	EBRW	Math
75th	1450	720	750
50th	1310	650	670
25th	1170	580	580

Middle 50% ACT Scores (155 Students Tested)

Percentile	Composite	Math	Science	STEM	English	Reading
75th	32	32	31	31	35	34
50th	30	28	27	28	32	31
25th	26	25	24	25	26	27

UNIQUE CURRICULUM OFFERINGS

Newton South High School has one of the most comprehensive academic programs in the state of Massachusetts. With a faculty second to none, students immerse themselves in courses that feed the mind and fill the heart through creativity, problem solving and reflection opportunities.

INTERDISCIPLINARY SMALL LEARNING COMMUNITIES - Newton South offers three small learning communities characterized by cross-discipline integration of content to support contextual and experiential learning. Each small learning community offers a sequence of courses beginning in grade 10. The DA VINCI PROGRAM is a three year project-based, collaborative approach to learning science, technology, engineering, arts and math (STEAM). Students build skills in experimentation, analytical problem solving, presentation, communication and artistic representation. The GLOBAL COMMUNITIES PROGRAM develops thoughtful and committed global citizens. Students integrate knowledge in history, English and science through projects, essays and performance-based assessments. In the final year of the program, seniors apply their learning through a local experiential project or an international trip that leads to a Global Competency Certificate. The NEW MEDIA COMMUNITIES PROGRAM is a two year sequence integrating English, history and the arts that seeks to explore how we arrived at this age of visual media and how to navigate it responsibly and critically.

CAREER & VOCATIONAL TECHNICAL EDUCATION - This program offers students the chance to prepare for 21st-century careers through a comprehensive sequencing of technical and academic courses. Individualized student career plans are designed to assist in making informed choices for now and the future. Certifications are available in Automotive Technology, Carpentry/Construction Technology, Culinary Arts, Design & Visual Communication, Drafting, Early Education & Care, Graphic Communications, Greengineering, Introduction to Technical Theater, and TV/Video Production.

LEGACY SCHOLARS - A faculty nominated peer community for African-American, Latino, and Multi-racial students. Legacy Scholars work together with faculty mentors to build a culture of academic achievement and empowerment. Our first class of Scholars graduated in 2017.

WISE - Engaging senior students in a different form of learning experience outside the classroom in preparation for a transition to college or work is the goal of this program. Qualified seniors spend their final term of high school working on a substantial, self-designed academic project/internship, which benefits both the Newton South and local communities.

NEWTON SOUTH HIGH SCHOOL HONORS & AP COURSE OFFERINGS 2022-2023

ART <ul style="list-style-type: none">• 2D Honors Art• 3D Honors Art• Media Arts Studio Honors• Honors Ceramics• Honors Photography• AP Studio Art: Drawing• AP 3-D Design	<ul style="list-style-type: none">• Asian and Asian-American Literature• Jewish and Jewish-American Literature• Multicultural Literature	MATHEMATICS <ul style="list-style-type: none">• Math 1-4 Honors• daVinci Math 2, 3• Pre-Calculus Honors• AP Calculus AB• AP Calculus BC• AP Statistics• Honors Linear Algebra	<ul style="list-style-type: none">• Biology• Chemistry• Organic Chemistry• Global Biology, 11• Global Marine Biology, 12• Neurobiology, 12• AP Biology, 12• AP Chemistry• AP Physics C Mechanics• AP Physics C (Mechanics, Electricity & Magnetism)• Biotechnology, 12• AP Environmental Science
COMPUTER PROGRAMMING <ul style="list-style-type: none">• Computer Science 1,2,3,4	HISTORY/SOCIAL SCIENCE <ul style="list-style-type: none">• Modern World History 10• Global Justice: Modern World History 10• Global Justice: United States History 11• New Media Communities: Modern World History 10• New Media Communities: United States History 11• Understanding the Contemporary World: 1945 to Present• Race, Class and Gender• Ethics in the Modern World• Sustainability• AP United States History• AP European History• AP U.S. Government and Politics• AP Comparative Government• AP Psychology	MUSIC <ul style="list-style-type: none">• Symphonic Band• Select Wind Ensemble• Honors Jazz Combo• Honors Jazz Ensemble• Madrigals 10-12• AP Music Theory I• String Orchestra• Newton A Cappella 10-12• Music Production• Advanced Music Production and Songwriting• AP Music Theory II	THEATRE <ul style="list-style-type: none">• Actor's Workshop• Acting and Directing• Video Studio• Public Speaking and Presentation• Actor's Studio• Technical Theatre Studio• Acting for Screen & Stage
ENGLISH <ul style="list-style-type: none">• Global Communities English• Global Justice English: 10-11• New Media Communities English: 10-11• Shakespeare• African-American Literature• Women in Literature• Film Studies• AP English Literature and Composition• AP English Language and Composition• Sophomore English• Junior English• Horror and Science Fiction		SCIENCE <ul style="list-style-type: none">• Engineering III• daVinci science I, Chemistry• daVinci science II, Biology• daVinci Steam III Capstone Project	WORLD LANGUAGE <ul style="list-style-type: none">• Chinese 3-5• French 3,4 H• Latin 3,4,5• Spanish 3,4 H• AP Chinese Language and

CURRICULUM NOTES

- Mathematics 1 Honors is the only honors level course offered as part of a typical freshmen's curriculum
- Courses in grades 10-12 are offered at Honors, Advanced College Preparatory, and College Preparatory
- Due to the rigor of AP and honors courses we strongly recommend that students take no more than three courses at this level per year
- Most AP courses are only open to seniors

COLLEGE ENROLLMENTS: NEWTON SOUTH GRADUATES

2018-2022

Agnes Scott College	Concordia University	Johns Hopkins University	University of North Carolina,	Architecture
University of Alabama	Connecticut College	Johnson & Wales University	Charlotte	University of South Dakota
American University	University of Connecticut	Kankakee Community College	University of North Carolina,	University of South Florida
Amherst College	Cornell University	Keene State College	Greensboro	Southern Maine Community
Arizona State University	Curry College	Kent State University	North Shore Community College	College
University of Arizona	Dalhousie University	Kenyon College	Northeastern University	Southern Methodist University
Assumption University	Dartmouth College	Lafayette College	Northwestern University	Southern New Hampshire
College of the Atlantic	Davidson College	Langara College	University of Notre Dame	University
Babson College	De Anza College	Lasell University	Oberlin College	Spelman College
Bard College	Dean College	Lehigh University	Occidental College	Springfield College
Barnard College	University of Delaware	Lesley University	The Ohio State University	St. Catherine University – St. Paul
Bates College	Denison University	Lewis & Clark College	Ohio University	St. John's College
Bay State College	University of Denver	List College, Jewish Theological	Ohio Wesleyan University	St. John's University
Baylor University	DePaul University	Seminary	Ohlone College	St. Lawrence University
Bennett College	Dickinson College	London Metropolitan University	University of Oregon	St. Olaf College
Bennington College	Drexel University	Louisiana State University	Pace University	St. Petersburg College
Bentley University	Duke University	Loyola Marymount University	Pennsylvania State University	Stanford University
Bergen Community College	Eastern Connecticut	Loyola University, Chicago	University of Pennsylvania	Stonehill College
Berklee College of Music	State University	Loyola University, Maryland	University of Phoenix	Stony Brook University
Binghamton University	Eastern Gateway Community	Macalester College	Pierce College	Suffolk University
Biola University	College	Maine College of Art & Design	University of Pittsburgh	SUNY Alfred
Bishop's University	Eastman School of Music/U of	Maine Maritime Academy	Pitzer College	Swarthmore College
Boston College	Rochester	University of Maine	Plymouth State University	Syracuse University
Boston Conservatory at Berklee	EHL - Ecole hôtelière de	University of Manchester	Post University	The University of Tampa
Boston University	Lausanne	Manhattan College	Princeton University	Tel Aviv University & Columbia
Bowdoin College	Elon University	Marist College	Providence College	University
Bradley University	Embry Riddle University	Marquette University	Purchase College, SUNY	Temple University
Brandeis University	Emerson College	University of Maryland	Purdue University	The University of Tennessee
Bridgewater State University	Emmanuel College	Massachusetts Bay Community	Queen's University	The University of Texas, Austin
University of British Columbia	Emory University	College	Quincy College	Thomas Jefferson University
Brown University	Endicott College	Massachusetts College of Art and	Quinnipiac University	University of Toronto
Bryant University	Erasmus Universiteit Rotterdam	Design	Quinsigamond Community	Towson University
Bryn Mawr College	Fairfield University	Massachusetts College of Liberal	College	Trinity College
Bucknell University	Fashion Institute of Technology	Arts	University of Redlands	Tufts University
Bunker Hill Community College	Fisher College	Massachusetts College of	Reed College	Tulane University
Butler University	Fitchburg State University	Pharmacy and Health Sciences	Regis College	Union College – NY
California Polytechnic State	University of Florida	University of Massachusetts,	Reichman University	University of Buffalo, SUNY
University, San Luis Obispo	Florida State University	Dartmouth	Rensselaer Polytechnic Institute	The University of the Arts
University of California, Berkley	Fordham University	Massachusetts Institute of	Rhode Island School of Design	The University of Edinburgh
University of California, Davis	Framingham State University	Technology	University of Rhode Island	University of Leeds
University of California, Irvine	Franklin & Marshall College	Massachusetts Maritime Academy	Rice University	University of St. Andrews
University of California,	Franklin Pierce University	University of Massachusetts,	University of Richmond	Vanderbilt University
Los Angeles	Full Sail University	Amherst	Ringling College of Art & Design	Vassar College
University of California, Merced	George Mason University	University of Massachusetts,	Rochester Institute of Technology	University of Vermont
University of California,	The George Washington	Boston	University of Rochester	University of Victoria
San Diego	University	University of Massachusetts,	Roger Williams University	Villanova University
University of California,	Georgetown University	Lowell	Rose-Hulman Institute of	Virginia Military Institute
Santa Barbara	Georgia Institute of Technology	Massasoit Community	Technology	Virginia Tech
University of California,	Gordon College	McGill University	Roxbury Community College	University of Virginia
Santa Cruz	Goucher College	Merrimack College	Rutgers University – New	Wake Forest University
Cape Cod Community College	Grinnell College	Miami University, Oxford	Brunswick	Washington and Lee University
Carleton College	Hamilton College	University of Miami	Sacred Heart University	Washington College
Carnegie Mellon University	Hampshire College	University of Michigan	Saint Joseph's University	Washington State University
Case Western University	Hampton University	Michigan State University	Saint Michael's College	Washington University in
Castleton University	University of Hartford	Middlebury College	Saint Peter's University	St. Louis
Champlain College	Hartwick College	Middlesex Community College	Salem State University	University of Washington
Colby-Sawyer College	Harvard College	University of Minnesota,	Salve Regina University	Wellesley College
College of Charleston	Harvey Mudd College	Twin Cities	San Diego State University	Wentworth Institute of
University of Chicago	Haverford College	University of Mississippi	University of San Francisco	Technology
Claremont McKenna College	High Point University	University of Missouri	San Jose State University	Wesleyan University
Clark Atlanta University	Hobart William Smith	Mitchell College	College of San Mateo	West Virginia University
Clark University	Colleges	Montana State University	Santa Clara University	Western Michigan University
Clarkson University	Hofstra University	Universite de Montreal	Santa Monica College	Western New England University
Clemson University	College of the Holy Cross	Morgan State University	Sarah Lawrence College	Westfield State University
Cleveland Institute of Art	The Hong Kong University of	Mount Holyoke College	Savannah College of Art & Design	University of Westminster
Coastal Carolina University	Science and Technology	Mount Wachusett Community	Savannah State University	Wheaton College –MA
Colby College	Hope International University	College	School of the Art institute of	Whitman College
Colgate University	Hotelschool The Hague	Muhlenberg College	Chicago	William & Mary College
University of Colorado, Boulder	Howard University	Universidad de Navarra	School of Visual Arts	Williams College
Colorado College	IDC Herzliya Raphael Recanati	University of New Hampshire	Scripps College	University of Wisconsin, Madison
University of Colorado, Denver	IE University- Madrid	University of New Haven	Simmons University	The College of Wooster
Columbia College Chicago	IE University- Segovia	The New School	Skidmore College	Worcester Polytechnic Institute
Columbia University	University of Illinois,	New York University	Smith College	Worcester State University
Columbia University Sciences Po	Urbana-Champaign	Nichols College	University of South Carolina	Xavier University of Louisiana
Community College of Rhode	Indiana University	University of North Carolina,	University of Southern California	Yale University
Island	Ithaca College	Chapel Hill	Southern California Institute of	