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NEWTON SOUTH HIGH SCHOOL

2021/2022 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 is returning 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.

NEW GPA POLICY EFFECTIVE 2021-2022

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 2022, transcripts report both a weighted and 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: 1823 - CLASS OF 2022: 481

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 to students enhancing racial, ethnic, and cultural diversity for all.

CLASS OF 2021 FUTURE PLANS:

- Total Post-Secondary Education: 92%
- 88% 4 year college
 - 3% 2 year college
 - 1% Specialized & Post-Grad Education
 - 3% Gap year
 - 2% Employment/military/vocational training
 - 3% Unknown

STUDENT DEMOGRAPHICS:

- Black/African American 4.2%
- Asian 23.1%
- Hispanic 6.4%
- Native Hawaiian/Pacific Islander .1%
- Multi-Race/Non-Hispanic 6.4%
- White 59.8%

2021 AP PERFORMANCE

In Spring 2021, **426** students in grades 9-12 took **737** tests in 28 subjects. **83%** earned scores of 3 or better.

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

NATIONAL MERIT & ACHIEVEMENT PROGRAMS

- Winners: 1 (Class of 2021)
- Finalists: 10 (Class of 2021)
- Semi-Finalists: 9 (Class of 2022)
- Commended Students: 40 (Class of 2022)

DIPLOMA REQUIREMENTS

A minimum of 100 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 (20 Credits), Mathematics (10 Credits) History/Social Science - including United States History (15 credits), Science - 5 in biological science and 5 in physical science (10 Credits), Visual/Performing Arts (5 Credits), Wellness/Physical Ed (5 Credits).

CLASS OF 2021 - AVERAGE STANDARDIZED TESTING SCORES

Average SAT Scores (279 Students Tested)

EBRW	Math
647	675

Average ACT Scores (185 Students Tested)

Eng.	Math	Reading	Science	Comp.
30.0	28.8	30.3	28.7	29.6

NEWTON SOUTH HIGH SCHOOL HONORS & AP COURSE OFFERINGS

2021-2022

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.

ART

- 2D Honors Art
- 3D Honors Art
- Media Arts Studio Honors
- Honors Ceramics
- Honors Photography
- AP Studio Art: Drawing
- AP 3-D Design

COMPUTER PROGRAMMING

- Computer Science 1,2,3

ENGLISH

- Global Communities English:
 - Co-Existence and Conflict
 - American Literature
 - Words that Change the World
- New Media Communities: English
- 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

HISTORY/SOCIAL SCIENCE

- World History II
- Global Communities: World History, US History
- New Media Communities: World History, US History
- 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

MATHEMATICS

- Math 1-4 Honors
- daVinci Math 2, 3
- Pre-Calculus Honors
- AP Calculus AB
- AP Calculus BC
- AP Statistics

MUSIC

- Symphonic Band
- Select Wind Ensemble
- Honors Jazz Combo
- Honors Jazz Ensemble
- Madrigals 11, 12
- AP Music Theory I
- String Orchestra
- Newton South A Cappella
- Music Production Honors
- Advanced Music Production and Songwriting
- AP Music Theory II

SCIENCE

- Engineering III
- daVinci science I, Chemistry
- daVinci science II, Biology
- daVinci STEAM III Capstone project
- Honors Biology
- Honors Chemistry
- Honors Chemistry II
- Conservation +Environmental Science
- 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

THEATRE

- Actor's Workshop
- Acting and Directing
- Video Studio
- Public Speaking and Presentation
- Musical Theatre
- Actor's Studio
- Honors Screen Acting and Production
- Technical Theatre Studio

WORLD LANGUAGE

- Chinese 3-5
- French 3,4 H
- Latin 3,4,5
- Spanish 3,4 H
- AP Chinese Language and Culture
- AP French Language
- AP Spanish Language
- Prototype AP Russian Language and Culture

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

2017-2021

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