The School
Mountain Lakes High School is a traditional high school thirty miles west of New York City in the residential suburb of Morris County, NJ. Mountain Lakes High School is accredited by the New Jersey Department of Education and is recognized locally and nationally as a premier educational institution. Mountain Lakes has consistently ranked as a top school district in New Jersey Monthly and U.S. News and World Report.

The success of Laker students not only lies in their academic accomplishments, but over 90% of the student body participates in extracurricular activities and community service. Individual involvement and success includes athletics, the visual arts, drama, music, school government, and community service programs. Lakers are exceptional leaders and innovators in their school and community.

Enrollment and Faculty
- Approximately 725 students
- 165 seniors
- 71 full-time faculty members; 60 have earned advanced degrees

Calendar, Course Credit, and Class Periods
Mountain Lakes operates a nine-period day. Most students are enrolled in up to seven courses at a time. In general, students take four to five core academic classes each year. Unique to Mountain Lakes are our laboratory periods for AP mathematics and AP science courses. These laboratory periods are in addition to the lecture period. AP mathematics courses have one (1) laboratory period a week and AP science courses have two (2) laboratory periods per week. Classes meet 40 minutes per day. Credit is awarded at the end of the course, 36 weeks for year-long courses and 18 weeks for semester courses. Full-year classes earn 5 credits and semester courses earn 2.5 credits. Health courses earn 1 credit; each quarter of Physical Education earns 1 credit. All science and AP math courses are awarded 6 credits or 7 credits, depending on the number of laboratory periods.

Note: 5, 6, or 7 credits = Full year credit.

2019 Academic Honors
- National Merit Commended Scholars - 19
- National AP Scholar - 14
- AP Scholars - 29
- AP Scholars with Honor - 21
- AP Scholars with Distinction

2019 Graduate Profile
- Two Year Colleges - 7%
- Four Year Colleges - 88.2%
- Military/work/other* - 4.35%
- *Includes Apprenticeship Program, Gap Year, and Career School
# Graduation Requirements
Each student must successfully complete at least 122.5 course credits and earn a minimum score in English/Language Arts and Mathematics on a selected state approved standardized test as per the New Jersey state graduation matrix.

<table>
<thead>
<tr>
<th>Department</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>20 Credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>15 Credits (must include Algebra 1 and Geometry)</td>
</tr>
<tr>
<td>Science</td>
<td>15-18 credits (must include Biology, an additional lab science including Chemistry, Environmental Science, or Physics; and a third lab/inquiry-based science course)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>15 credits (5 credits of World History/Cultures; 10 credits of US History)</td>
</tr>
<tr>
<td>Health &amp; Physical Education</td>
<td>Must complete 1 credit of Health/Driver's Education and 3 credits physical education during each year of enrollment</td>
</tr>
<tr>
<td>World Language</td>
<td>5 credits</td>
</tr>
<tr>
<td>Financial Literacy</td>
<td>2.5 credits</td>
</tr>
<tr>
<td>21st Century Life and Careers, or Career-Technical Education</td>
<td>5 credits</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>5 credits</td>
</tr>
</tbody>
</table>

## Class of 2019 Testing Profile

<table>
<thead>
<tr>
<th>SAT</th>
<th>MLHS</th>
<th>State</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>142 Test-takers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EBWR</td>
<td>602</td>
<td>580</td>
<td>531</td>
</tr>
<tr>
<td>Mathematics</td>
<td>611</td>
<td>593</td>
<td>528</td>
</tr>
<tr>
<td>TOTALS</td>
<td>1213</td>
<td>1173</td>
<td>1059</td>
</tr>
</tbody>
</table>

**ACT (Class of 2018; data for Class of 2019 available in October 2019)**

<table>
<thead>
<tr>
<th>Test-takers</th>
<th>English</th>
<th>26.9</th>
<th>23.8</th>
<th>20.2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mathematics</td>
<td>26.1</td>
<td>23.6</td>
<td>20.5</td>
</tr>
<tr>
<td></td>
<td>Reading</td>
<td>26.1</td>
<td>24</td>
<td>21.3</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>25.7</td>
<td>23</td>
<td>20.7</td>
</tr>
<tr>
<td></td>
<td>Composite</td>
<td>26.3</td>
<td>23.7</td>
<td>20.8</td>
</tr>
</tbody>
</table>

## SAT Subject Test Mean

<table>
<thead>
<tr>
<th>Section</th>
<th>Mean</th>
<th>Students Tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology-Ecology</td>
<td>677</td>
<td>16</td>
</tr>
<tr>
<td>Biology-Molecular</td>
<td>703</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry</td>
<td>723</td>
<td>12</td>
</tr>
<tr>
<td>French</td>
<td>750</td>
<td>1</td>
</tr>
<tr>
<td>Japanese w/Listening</td>
<td>560</td>
<td>1</td>
</tr>
<tr>
<td>Literature</td>
<td>670</td>
<td>13</td>
</tr>
<tr>
<td>Math Level 1</td>
<td>688</td>
<td>16</td>
</tr>
<tr>
<td>Math Level 2</td>
<td>741</td>
<td>41</td>
</tr>
<tr>
<td>Physics</td>
<td>675</td>
<td>13</td>
</tr>
<tr>
<td>Spanish</td>
<td>605</td>
<td>6</td>
</tr>
<tr>
<td>US History</td>
<td>685</td>
<td>18</td>
</tr>
<tr>
<td>World History</td>
<td>631</td>
<td>7</td>
</tr>
</tbody>
</table>
SOCIAL STUDIES
AP Art History
AP European History
AP Comparative Government and Politics
AP Microeconomics
AP Macroeconomics
Online Economics
Psychology
Psychology Seminar (H)
AP US Government and Politics
U.S. History I (H)
U.S. History II (H, AP)
World Cultures
AP World History

VISUAL & PERFORMING ARTS
2-D Art 1 & 2
3-D Art 1 & 2
Foundations of Art
Art Portfolio Development
AP Studio Art: Drawing, 2-D, 3-D
Concert Band
Digital Media Arts 1 & 2
Guitar
Advanced Guitar
Symphonic Band
Music Theory
AP Music Theory
Chamber Choir
Choral Choir
Freshmen Choir
MLHS Orchestra
String Ensemble
Wind Ensemble

21st CENTURY SKILLS
Advanced Data Structures (H)
AP Computer Science
Computer Programming 1, 2
Graphic Design
Multimedia
Nutrition
Web Design and Publishing
Drafting and Design 1, 2, 3, 4
Fashion and Image
Advanced Foods
Foreign Foods

PHYSICAL/HEALTH EDUCATION
Current Health Issues
Driver Education
Human Development
Human Relationships
Physical Education

ENRICHMENT COURSES
Learning Strategies
Morris County School of Technology*

Curriculum
All courses offered at Mountains Lakes are exclusively college preparatory in nature. Tiered courses will be indicated by the various level offerings (Honors or AP) located next to the course title. Morris County School of Technology (Vo-Tech) offers our students a variety of curricular experiences structured as an academy model. The courses range from academic to skills experiences. Our academic programs are complemented by learning community activities, PXL and Online Academy. The high school also includes an academic program that offers services for hearing impaired students. Through this program, classes in sign language and deaf awareness have been added to the school's curriculum.

GPA
All courses listed on the transcript are included in the GPA calculations except Physical Education and Independent Study. GPA is calculated on a weighted 4.0 scale. Grades are calculated using the grid below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>College Prep</th>
<th>Honors</th>
<th>AP</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.3</td>
<td>4.8</td>
<td>5.3</td>
</tr>
<tr>
<td>A</td>
<td>4.0</td>
<td>4.5</td>
<td>5.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td>4.2</td>
<td>4.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
<td>3.8</td>
<td>4.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>3.5</td>
<td>4.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td>3.2</td>
<td>3.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
<td>2.8</td>
<td>3.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td>2.5</td>
<td>3.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
<td>2.2</td>
<td>2.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
<td>1.3</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
<td>0.7</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>
Colleges Matriculation for the Classes of 2018 and 2019

*Schools in bold typeface indicate two or more students from the graduating classes.*

University of Alabama  
American University  
Amherst College  
Arcadia University  
Arizona State University  
University of the Arts London  
Auburn University  
Beloit College  
Bergen Community College  
Berklee College of Music  
Bloomsburg University of Pennsylvania  
Boston College  
Boston University  
Bowdoin College  
Brown University  
Bucknell University  
Caldwell University  
University of California, San Diego  
Carnegie Mellon University  
Case Western Reserve University  
Centenary College  
Chaplain College  
College of Charleston  
University of Chicago  
Clemson University  
Coastal Carolina University  
Colby College  
Colby-Sawyer College  
Colgate University  
University of Colorado at Boulder  
Colorado College  
Colorado School of Mines  
Concordia University-Seward  
University of Connecticut  
Cornell University  
County College of Morris  
Dartmouth College  
Davidson College  
Delaware Valley University  
Dickinson College  
Drew University  
Duke University  
East Stroudsburg University of Pennsylvania  
Elon University  
Emerson College  
Emory University  
Fairfield University  
Fairleigh Dickinson University, Metropolitan Campus  
Fashion Institute of Technology  
Florida Institute of Technology  
University of Florida  
Furman University  
Gallaudet University  
The George Washington University  
Georgetown University  
Georgia Institute of Technology  
Gettysburg College  
Haverford College  
Hobart and William Smith Colleges  
Hollins University  
College of the Holy Cross  
Indiana University at Bloomington  
Iowa State University  
Ithaca College  
James Madison University  
Jefferson University  
John Hopkins University  
Kean University  
Lafayette College  
Lehigh University  
Loyola University Chicago  
Loyola University Maryland  
University of Maine  
Maine Maritime Academy  
Maine College of Art  
Marist College  
University of Maryland, Baltimore County  
Massachusetts Institute College of Art  
Massachusetts Institute of Technology  
McGill University  
University of Miami  
Michigan State University  
University of Michigan, Ann Arbor  
Middlebury College  
Missouri State University  
Monmouth University  
Montclair State University  
Moravian College  
Muhlenberg College  
University of Nebraska at Omaha  
The College of New Jersey  
New Jersey Institute of Technology  
New York University  
University of North Carolina at Chapel Hill  
University of North Carolina at Charlotte  
University of North Carolina at Wilmington  
Northeastern University  
University of Notre Dame  
 Pace University, New York City  
Pennsylvania State University  
University of Pennsylvania  
University of Pittsburgh  
Princeton University  
Providence College  
Purdue University  
Quinnipiac University  
Ramapo College of New Jersey  
Rensselaer Polytechnic Institute  
Rhodes College  
Rice University  
University of Richmond  
Rochester Institute of Technology  
Rowan University  
Rutgers University  
Sacred Heart University  
Salisbury University  
Salve Regina University  
Savannah College of Art & Design  
University of Scranton  
Seton Hall University  
Shenandoah University  
Skidmore College  
University of South Carolina  
Southern Methodist University  
Springfield College  
University of St Andrews  
St. Bonaventure University  
Stanford University  
Stevens Institute of Technology  
Stevenson University  
Stockton University  
Stony Brook University  
Susquehanna University  
Syracuse University  
The University of Tampa  
Temple University  
Texas Christian University  
Trinity College  
Tufts University  
Tulane University  
Union College  
US Merchant Marine Academy  
US Military Academy - Army  
University of Vermont  
Villanova University  
University of Virginia  
Virginia Tech  
Wake Forest University  
University of Washington  
Washington and Lee University  
Washington University in St. Louis  
Wesleyan University  
West Virginia University  
Wheaton College  
William Paterson University of New Jersey  
Williams College  
University of Wisconsin, Madison  
Worcester Polytechnic Institute  

Mountain Lakes High School is a member of the National Association of College Admissions Counseling (NACAC) and complies with the Statement of Principles of Good Admissions Practice. Mountain Lakes High School is a member of College Board.