

Superintendent
Mr. Joseph F. Casey

Principal
Mr. Joseph P. Dillon

Assistant Principals
Mrs. Marianne Farrell
Mr. Robert Savarino

Director of Health, Physical Education & Athletics
Ms. Patricia A. Ruggiero

Director of METCO Program
Ms. Doreen M. Ward

Director of Guidance
Mr. John S. Buxton

Guidance Counselors
Mr. Jeffrey M. Bolduc
Ms. Francesca A. LoGrasso
Mr. Joseph P. Parrillo
Ms. Jennifer V. Shackelford

Department Chairpersons:

English Department
Mrs. Angela Singer

Foreign Language Department
Mrs. Mariastella Cocchiara

Mathematics Department
Mr. James Babineau

Science, Business and Technology Department
Mrs. Susan C. Eason

Social Studies Department
Mr. Robert Coughlin

Special Education Department
Mrs. Lyn O'Neil

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MELROSE HIGH SCHOOL

www.melroseschools.com
CEEB Number: 221-375

2009-2010 School Profile

COMMUNITY

Located seven miles north of Boston, the city of Melrose covers a geographical area of 4.76 square miles and has a population of 28,150. Predominantly residential and known for its array of Victorian homes, Melrose also has a quaint downtown area with flourishing businesses and natural recreational areas in its midst, including Ell Pond and the Middlesex Fells Reservation.

MELROSE HIGH SCHOOL

Melrose High School is the sole comprehensive four-year secondary school in the city. It has an enrollment of approximately 950 students and is serviced by a faculty numbering 85. *The New England Association of Colleges and Secondary Schools* accredits the school.

CURRICULUM

The Melrose High School curriculum affords students the opportunities to engage in a broad range and depth of study in all major academic areas. In addition, both introductory and advanced opportunities for growth through sequential course offerings are presented in the areas of Computer Aided Design, Web Design, Nutrition, Television Production, Orchestra, Band, and Chorus as well as other areas of technology and the arts.

CLUBS & ACTIVITIES

Over forty clubs and organizations are available to the students of Melrose High School. Each is dedicated to fostering student growth in the areas of citizenship, leadership, community activism and service, and social awareness. A complete list of clubs and organizations is available on our website.

ATHLETICS

Varsity and sub-varsity sports are offered in sixteen areas: *baseball, basketball, cheerleading, cross country, field hockey, football, golf, gymnastics, ice hockey, lacrosse, swimming, soccer, softball, tennis, volleyball, winter and spring track.*

DIPLOMA REQUIREMENTS

Students earn 1.00 point for each full-year course passed. Minimum requirements for graduation require that a student earn **24 diploma credits** with distribution in the following areas:

| | |
|--------------------------|-----|
| <u>English</u> | 4.0 |
| <u>Mathematics</u> | 3.0 |
| <u>Science</u> | 3.0 |
| <u>Social Studies</u> | 3.0 |
| <u>Foreign Language</u> | 1.0 |
| <u>Fine/Applied Arts</u> | 2.0 |
| <u>Wellness</u> | 2.0 |
| <u>Electives</u> | 6.0 |

LEVEL DISTINCTION

A complete list and description of courses is available on our school website. Please check our "Program of Studies" link.

AP - Advanced Placement courses are designed to be the *most rigorous* courses available in designated areas. AP courses, which carry additional weight in the computation of grade point averages, serve the dual purpose of emphasizing students' preparation for college level work, and providing them with opportunities to earn college credit. AP Courses are offered in the following areas: **English III, English IV, Calculus AB and BC, United States History, Psychology, Environmental Science, Physics, Spanish, French, German, Latin.**

HON - Honors courses are designed to be *highly demanding*, and in some cases, *the most demanding*, courses available in designated areas. Honors courses provide an intense investigation of the subject matter. **Fifty-four** honors level courses are available to students who express interest and meet the pre-requisites.

CPI- College Preparatory I courses are designed to provide students with instruction and skill sets that will enable them to handle the demands of rigorous college level work. Students are expected to develop a high level of critical reading and writing skills, analytical skills, and critical thinking skills.

CPII- College Preparatory II courses are designed both to provide students with a challenging level of work, and to prepare them for success in both two and four-year college settings.

PD - Personal Development courses are elective in nature, open to all interested students and do not impact upon rank-in-class.

GPA DISTRIBUTIONS

Class of 2009:

| Scale | # Students |
|---------------|------------|
| 4.50-5.00 | 9 |
| 4.00-4.49 | 26 |
| 3.50-3.99 | 41 |
| 3.00-3.49 | 45 |
| 2.50-2.99 | 27 |
| 2.00-2.49 | 33 |
| 1.50-1.99 | 31 |
| Below 1.5 | 13 |
| Total: | 225 |

ACT STATISTICS:

Class of 2009

Area: Local: State:

| | | |
|-----------|------|------|
| English | 24.4 | 23.9 |
| Math | 23.4 | 24.3 |
| Reading | 24.3 | 24.3 |
| Science | 22.6 | 22.8 |
| Composite | 24.0 | 23.9 |

**FIVE-YEAR TREND -
ACT COMPOSITE SCORE
AVERAGES:**

Year: Local: State:

| | | |
|-------------|-------------|-------------|
| 2005 | 22.9 | 22.8 |
| 2006 | 23.5 | 23.0 |
| 2007 | 23.4 | 23.5 |
| 2008 | 23.5 | 23.6 |
| 2009 | 24.0 | 23.9 |

**FIVE-YEAR TREND -
NUMBER OF ACT TEST
TAKERS AT MHS:**

Year: # Test Takers:

| | |
|-------------|-----------------|
| 2005 | 64 |
| 2006 | 70 |
| 2007 | 74 |
| 2008 | 93 |
| 2009 | 76 (34%) |

**FIVE-YEAR TREND -
PERCENTAGE OF SAT
(REASONING TEST)
TEST TAKERS AT
MHS:**

Year: % Test Takers:

| | |
|-------------|------------|
| 2005 | 95 % |
| 2006 | 98 % |
| 2007 | 94 % |
| 2008 | 87% |
| 2009 | 75% |

GRADING SYSTEM AND CLASS RANK

Letter grades are earned and cumulative **Weighted Grade Point Average** and **Weighted Rank-in-Class** are calculated according to the following table:

Weighted Grade Point Value

| Letter Grade | Numerical Equivalent | Advanced Placement | Honors | College Prep1 | College Prep 2 |
|--------------|----------------------|--------------------|--------|---------------|----------------|
| A+ | 100-97 | 5.33 | 4.83 | 4.33 | 4.08 |
| A | 96-93 | 5.00 | 4.50 | 4.00 | 3.75 |
| A- | 92-90 | 4.67 | 4.17 | 3.67 | 3.42 |
| B+ | 89-87 | 4.34 | 3.84 | 3.34 | 3.09 |
| B | 86-83 | 4.00 | 3.50 | 3.00 | 2.75 |
| B- | 82-80 | 3.67 | 3.17 | 2.67 | 2.42 |
| C+ | 79-77 | 3.34 | 2.84 | 2.34 | 2.09 |
| C | 76-73 | 3.00 | 2.50 | 2.00 | 1.75 |
| C- | 72-70 | 2.67 | 2.17 | 1.67 | 1.42 |
| D+ | 69-67 | 2.34 | 1.84 | 1.34 | 1.09 |
| D | 66-63 | 2.00 | 1.50 | 1.00 | .75 |
| D- | 62-60 | 1.67 | 1.17 | .67 | .42 |
| F | < 60 | | | | |

M - (Medical - Physical Education requirement waived)

Weighted Class Rank is computed for students based only upon performance in **full-year courses** within the **five major disciplines**: English, Math, Science, Social Studies, and Foreign Language.

**SAT REASONING TEST
SCORE DISTRIBUTIONS:**

Class of 2009

| Range: | CR | M | W | Subject: | Mean: | # Test Takers: |
|---------|-----|-----|-----|------------|-------|----------------|
| 700-800 | 7 | 7 | 4 | | | |
| 600-699 | 28 | 32 | 38 | Literature | 590 | 28 |
| 500-599 | 53 | 58 | 49 | USHist | 613 | 9 |
| 400-499 | 52 | 50 | 49 | Math LI | 592 | 25 |
| 300-399 | 20 | 15 | 21 | Math LII | 638 | 17 |
| 200-299 | 4 | 2 | 3 | Physics | 638 | 5 |
| Total : | 164 | 164 | 164 | | | |
| Mean: | 510 | 520 | 516 | | | |

Total # Test Takers: 39 (18%)

POST SECONDARY EDUCATION

FIVE-YEAR TREND *Classes of 2005-2009*

| Year | 4 Year | 2 Year | All Schools |
|-------------|--------------|--------------|--------------|
| 2005 | 85.0 % | 11.4 % | 95.9 % |
| 2006 | 80.9 % | 14.9 % | 95.8 % |
| 2007 | 73.1 % | 18.9 % | 92.0 % |
| 2008 | 77.0 % | 13.0 % | 90.0 % |
| 2009 | 71.0% | 21.0% | 92.0% |