

# Middleton High School Profile 2011

School Code: 501-320

2100 Bristol Street  
Middleton, WI 53562  
www.mcpasd.k12.wi.us

School Phone: 608-829-9660  
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## Top Performing School:

- MHS is the recipient of the 2005 No Child Left Behind National Blue Ribbon Award. The award is given to MHS in recognition academically superior student performance.
- Accredited by the North Central Association Commission on accreditation and school improvement.
- Our average ACT score of 25.5 exceeds Wisconsin's leading state average of 22.2 by more than three points and the national average of 21.1 by more than four points.
- Combined SAT critical reading and math scores are in excess of 1269, exceeding the national average by more than 258 points.
- In spring of 2011 a total of 449 MHS students took 740 Advanced Placement examinations in 25 subject areas: 80% of these students received a 3 or higher.
- For 2011, Middleton has seven National Merit finalists. MHS has had 61 National Merit Finalists from 2004-2011.

## Rigorous Curriculum:

The outstanding academic achievement found at MHS is directly related to the rigorous curriculum our school provides to our 1960 student population. MHS offers students the opportunity to complete courses in all academic areas at an accelerated pace. Honors, Advanced Placement and advanced level courses are offered throughout our curriculum. In addition, MHS has excellent school-to-work initiatives and apprenticeships offered through the following programs: Business, Marketing, Information Technology, and Family Consumer Sciences / Health Science Occupations Education.

## Leadership and Student Activities:

Middleton High School students thrive in various activities throughout the school and the community. MHS offers 22 interscholastic sports, over 25 extracurricular organizations, and charity, outreach and community service opportunities. MHS has one of the top athletic programs in the state and has been awarded the all sport championship award for the past ten years. In addition, MHS has an outstanding performing arts department which consists of theater, three bands, three choirs, and two orchestras.

## Renowned Community:

Middleton Wisconsin was voted by Money magazine in 2007 as the #1 Best Place to Live. Middleton is a west suburb of Madison, with a population of 17,400. Middleton is in close proximity to University of Wisconsin-Madison campus, which offers a plethora of multicultural and educational opportunities. The community shares an enormous sense of pride and honor in regards to the schools and academic excellence found throughout the district. Residents hold the schools to high expectations and standards, with the results seen by the school's top rankings throughout the last ten years.

## Test Data:

### SAT Scores: Class of 2011

	Critical Reading	Math	Writing
MHS	623	646	599
State	590	602	575
National	497	514	489

### ACT Scores: Class of 2011

	English	Math	Reading	Science	Composite
MHS	25.3	26.1	24.9	25.2	25.5
State	21.6	22.1	22.2	22.3	22.2
National	20.6	21.1	21.3	20.9	21.1

### Post Graduate Plans: Class of 2011

4 year college	75%
2 year college/tech school	15%
Work/Military/Other	10%

## Grade Point Information:

A	4.0	B	3.0	C	2.0	D	1.0
A-	3.7	B-	2.7	C-	1.7	D-	0.7
B+	3.3	C+	2.3	D+	1.3	F	0.0

- All subjects are given equal weight.
- Grade point average is computed by using official semester grades for all courses beginning with the ninth grade.

**MHS does not publish rank.**

## **Graduation Requirements:**

A total of 23.25 credits in grades nine through twelve are required for graduation, including the following:

English:	4 Credits
Social Studies:	3 Credits
Mathematics:	2 Credits
Science:	2 Credits
Physical Education:	1.5 Credits
Health:	.5 Credits
Option A:	1.0 Credit of Fine Arts and 1.0 credit of Career Technical Education (CTE)
Option B:	3.0 Credits of the same Foreign Language and .5 Credit of Fine Art and .5 Credit of CTE

## **Core Course Offerings:**

### **Subject:**

#### **English**

Read 180  
English Skills  
English Survey  
Honors English  
English 10  
Reading, Language, Composition I  
Reading, Language, Composition II  
Public Speaking  
Debate  
Drama I  
Advanced Drama  
Advanced Composition  
Contemporary Literature  
Honors Prose Literature  
Honors Poetic and Dramatic Literature  
Efficient Reading  
Strategic Reading  
Critical Reading  
Creative Writing  
Media Film  
Mass Media  
A.P. Language and Composition  
A.P Literature and Composition

### **Prerequisite for Class:**

Grade 9  
Grade 9  
Grade 9  
Test Result  
English Skills/Survey/Integrated English  
English Skills  
RLC I  
English Skills/Survey/Integrated English  
Honors English, English 10, RLC, or Integrated English  
English Skills/Survey/Integrated English  
Drama I  
English 10 or Honors English and Grade 11 or 12  
English 10 or Honors English and Grade 11 or 12  
Advanced Composition and Grade 10, 11 or 12  
Advanced Composition and Grade 10, 11 or 12  
Grade 10, 11 or 12  
Grade 10, 11, or 12  
Advanced Composition and Grade 11 or 12  
English 10 or Honors English and Grade 11 or 12  
English 10 or Honors English  
English 10 or Honors English  
Advanced Composition  
Advanced Composition

#### **Mathematics**

Pre-Algebra  
Algebra 1  
Geometry  
Honors Geometry  
Algebra 2  
Honors Algebra 2  
Functions, Statistics and Trigonometry (FST)  
Trigonometry and Functions  
Pre-Calculus and Discrete Mathematics  
Technical College Mathematics  
A.P. Statistics  
A.P. Calculus AB  
A.P. Calculus BC

None  
None  
Algebra 1  
Grade "A" in Algebra 1 and teacher consent  
Geometry  
Grade "A" in Algebra 1 & Geometry and teacher consent  
Algebra 2  
Algebra 2 and teacher/parent consent  
FST or Trigonometry and Functions  
Algebra 1 and Geometry, Senior Standing  
Algebra II  
Pre-calculus sequence  
A.P. Calculus AB

#### **Science:**

General Biology  
Biology  
Advanced Biology  
Introduction to Biotechnology  
Chemcom  
Chemistry  
Honors Chemistry  
A.P. Chemistry  
Physics  
Honors Physics  
Advanced Physics

Teacher consent  
None  
Biology, Chemistry, Physics  
Biology, Chemistry, Physics, Teacher consent for Grade 11  
Grade 10, 11, or 12  
Grade 10, 11, or 12 with a B or higher in Biology & Algebra 1  
Grade 10, placement test, with an "A" in Biology & Geometry  
Chemistry and Honors Physics or Teacher consent  
Grade 11 or 12, Algebra & Geometry (concurrent /completed)  
Grade 11 or 12, Geometry & Algebra 2 (concurrent /completed)  
Honors Physics, Teacher consent, FST or higher math

A.P. Environmental Science	Grade 11 or 12, Biology and Chemistry
Environmental Studies I: Water use & Pollution	Grade 11 or 12
Environmental Studies II: Climate Science & Policy	Grade 11 or 12
Astronomy	Grade 11 or 12, 1 year of high school science
Aerospace	Grade 11 or 12, Algebra 2 & Physics (concurrent /completed)
Principles of Technology	Grade 10, 11 or 12, Algebra 1

**Social Studies:**

Social Studies 9	Grade 9
Social Studies 10	Social Studies 9
Contemporary Social Problems	Social Studies 10
Diversity in the Human Experience	Grade 11 or 12
Economics	Grade 11 or 12
Environmental Studies I: Water Use & Pollution	Grade 11 or 12
Environmental Studies II: Climate Science & Policy	Grade 11 or 12
Issues in Global Development (formerly: Social Challenges in the 21 <sup>st</sup> Century)	Grade 11 or 12
International Relations (formerly: Modern World Affairs)	Grade 11 or 12
Sociology	Grade 11 or 12
United States Government and Politics	Grade 11 or 12
Psychology	Grade 11 or 12
A.P. European History	Grade 11 or 12
A.P. Psychology	Grade 11 or 12
A.P. United States History	Grade 11 or 12

**Non-core Course Offerings:**

**Engineering and Technology Education**

Engineering Graphics I & II (formerly CAD I & II)	Cabinet Making I
Architecture & Design (formerly CAD III)	Cabinet Design II
Mechanical & Design (formerly CAD III)	Building Construction and Advanced Building Construction
Computer Integrated Manufacturing	Aerospace and Aviation
Metals Processes I & II	Research and Development
Precision Machining	Home Maintenance
Power Energy and Transportation I & II	Engineering Problem Solving
Recreational Vehicles Modification and Design	Principles of Technology
Introduction to Engineering and Design	Advanced Standing
Principals of Engineering	Technology Education Co-op Classroom and Work Experience
Into to Materials & Manufacturing	

**Art**

Art Foundations	Web Design: Creating Effective Web Sites
Art Foundations 2D	Art and Design
Art Foundations 3D	Photography I, II, III
Art Explorations	Yearbook I, II, III, IV
Advanced Art I, II, III	Art Portfolio I, II
Computer Art I, II	Advanced Photography
Advanced Computer Art I, II, III	Black & White Photography

**Business Education**

Keyboarding I	Advanced Visual Presentations and Technology
Business Foundations	Web Page Design and Publishing
Accounting	Advanced Web Page Design
Advanced Accounting	Entrepreneurship
Computer Applications I	Business Law
Computer Applications II	Sports & Entertainment Marketing
Desktop Publishing	Principles of Business and Marketing
Advanced Desktop Publishing	Principles of Marketing
Information Processing	Advertising & Sales
Personal Finance/Money Management	Business Economics
Career & Technical Educ. Co-op Class & Work Experience	Programming
Visual Presentation and Technology	

**English Language Learners (ELL)**

English I Skills	Integrated Science
English II Skills	Math
Spanish for Spanish Speakers I & II	Biology
Integrated Environmental Studies	

### **Family and Consumer Sciences**

Culinary Arts I & II  
Senior Foods  
Cardinal Café  
Global Foods  
Child Development  
Assistant Child Care Teacher  
Child Care Services  
Infant and Toddler Certification

### **Foreign Language**

French I, II, III, IV, V  
German I, II, III, IV, V  
Spanish I, II, III, IV, V  
Mandarin Chinese I

### **Music**

Cardinal Band  
Concert Band  
Wind Ensemble  
Cardinal Chorale  
Cantus  
Concert Choir  
Cardinal Orchestra

### **Physical Education**

Fitness Foundations 9  
Individual/Lifetime Sports  
Fitness for Life (formerly Social Fitness)  
Team Sports  
Outdoor Pursuits  
Physical Education Strength and Conditioning for Life I

### **Special Education**

Basic Math IC  
Life Skills Math  
Pre-Algebra Skills IC  
Algebra IC  
Consumer Math I & II IC  
Read 180 IC  
English I, II, III IC  
Basic English Skills IC  
Reading I & II IC  
English Enhancement Strategies IC  
General Biology IC  
General Science IC  
World History Social Studies 9 IC  
U.S. History Social Studies 10 IC  
United States Government IC  
Communication Portfolio

### **Health Science Occupations Education**

Medical Terminology  
Introduction to Medical Occupations  
Nursing Assistant (CNA)

Housing and Interior Design  
Practical Family and Consumer Education  
Contemporary Lifestyles  
Serve, Lead, and Learn  
Family Financial Literacy  
Peer Power  
FCE Co-op Class & Work Experience

### **Global Academy**

Principles of Biomedical Sciences  
Human Body Systems  
Biotechnology II

Symphony Orchestra  
History of Popular Music: Rock and Roll (formerly I)  
History of Popular Music: Etcetera (formerly II)  
Advanced Music Theory  
AP Music Theory  
Garage Band

Water Safety Instructor  
Lifeguard Training  
Just for the Health of It  
Health and Wellness  
Ropes  
Physical Education Strength and Conditioning for Life II

Communication and Exploration  
Basic Communication Skills IC  
Social Communication Skills IC  
Health IC  
Community Health IC  
Community Work & Life  
Community Math IC  
Community Science IC  
Community English IC  
New Foundations IC  
Resource Study Hall IC  
Work Experience IC  
Transitional Skills for Life IC  
Physical Education Skills  
Physical Education 9-12

### **Non-Departmental Courses**

Freshmen Advisory  
Destinations  
Independent Study  
Student Tutor

\*\*Online course descriptions can be found at: [www.govhs.org](http://www.govhs.org) and [www.wisconsineschool.com](http://www.wisconsineschool.com)\*\*

### **MHS School Counselors**

*Gust Athanas; Melissa Burke- Dept. Chair; Jessica Pellegrino; Jason Needham; Chelsea Piekarz; Marcy Smith*

Middleton Alternative Senior High  
(M.A.S.H.)  
[www.mcpasd.k12.wi.us/mash](http://www.mcpasd.k12.wi.us/mash)

2429 Clark Street  
Middleton, WI 53562

School Phone: 608-829-9640  
Fax: 608-831-5160  
Guidance Phone: 608-829-9645

School Description:

MASH is a program designed for second, third, fourth and fifth year students who are interested in an alternative learning atmosphere and who need a more individualized academic schedule tied to their own interests, skills, and abilities. A balanced program is offered to emphasize personal growth and life skills as well as academic achievement. Students are able to take courses at Middleton High School and the alternative high school if they choose.

Services Provided to Students:

Each student in MASH is assigned a teacher/advisor that helps a group of twelve to fifteen students with class schedules, attendance issues, and support services when necessary. Parents, counselors, teachers, staff, and administrators may recommend students for admission to the MASH program. Students may also refer themselves. Anyone wishing to make a referral should contact the student's guidance counselor at Middleton High School. Student applicants are interviewed for positions in the program.

Mission Statement:

It is the mission of the Middleton Alternative Senior High to create a supportive community which empowers students and provides a foundation of life learning. In pursuit of this mission we will:

- Foster a safe, caring environment which accepts and encourages diversity.
- Nurture personal growth through increased self-awareness, individual responsibility and healthy risk taking.
- Maintain a learning environment characterized by academic achievement.
- Support students in the development of post high school goals based on their needs and life-long interests.
- Strengthen school, community, and family partnerships.

Educational Program:

MASH offers a variety of coursework in English, math, social studies, physical education, art, and work skills. All MASH students are also enrolled in a Lifeskills class which deals with topics such as interpersonal relationships, career/college plans, health and wellness issues, and community involvement. Students also earn credit through work experience and/or community service. Students can elect to take additional coursework at Middleton High School as well. In order to graduate and earn a traditional diploma, all MASH students must meet the Middleton High School graduation requirements. The MASH curriculum:

- Is flexible
- Is project oriented
- Engages multiple intelligences
- Accommodates the needs, learning styles, ability levels and interests of each individual student
- Fosters the development of self-esteem
- Encourages community service learning

**Course Offerings:**

**English:**

English 10  
Business English  
Composition  
Exploring Identity and Culture through Literature I  
Exploring Identity and Culture through Literature II  
Historical Literature  
Writing and Publishing  
Literature / Film Production I  
Literature / Film Production II  
Speech

**Math:**

Algebra  
Geometry  
Algebra II  
Applied Math / Science

**Science:**

Applied Math / Science  
Earth / Space Science  
Science II

**Social Studies:**

History  
Social Studies 10  
Social Studies I  
Social Studies II  
Social Studies III  
Exploring Identity and Culture through Literature I  
Exploring Identity and Culture through Literature II  
Historical Literature

**Physical Education:**

P.E.A.S.

**Art:**

Art

**Practical Arts:**

Personal Finance  
Work Study and Work Experience

**Independent Course Work:**

Various options with teacher consent

**Other Course Work:**

Sophomore Life Skills  
Junior / Senior Life Skills