

# ACADEMIC STANDARDS

MARSHFIELD HIGH SCHOOL  
2017-2019





# COMMITTEE MEMBERS

ENGLISH - COURTNEY COTTA

ART - MICHELLE ALMEIDA

SOCIAL STUDIES - STEVE WAISGERBER

MUSIC - KARA VAUTOUR

MATH - SUSAN BULLOCK

COMPREHENSIVE HEALTH - MARYBETH BATTIS

SCIENCE - LESLEY DIMOND

COMPUTER SCIENCE - LAUREEN D'AMATO

WORLD LANGUAGE - MAURA BULMAN

TECHNICAL EDUCATION - ASHLEY STANFORD

GUIDANCE - CARALIE FORD (CO-CHAIR)

SPED - HEATHER O'NEILL

CONTINUING EDUCATION - ROBERT GALLAGHER

ADMINISTRATION - ROBERT KEUTHER (CO-CHAIR), WILLIAM BATTIS, KRISTIN BRANDT



# APPROVAL PROCESS

3-STEP PROCESS:

1. ACADEMIC STANDARDS COMMITTEE APPROVAL
2. SCHOOL COUNCIL APPROVAL
3. SCHOOL COMMITTEE APPROVAL



# HISTORICAL CONTEXT

- LAST REVIEWED - 1998
- INCEPTION OF THE BLOCK SCHEDULE
- MHS AP INITIATIVE - 3 AP COURSE - 18 OFFERINGS
- MASS CORE RECOMMENDATIONS PRESENTED BY STATE
- 2 NEASC ACCREDITATION CYCLES (2021-22 NEXT VISIT)
- 2 CURRICULUM REVISION CYCLES HAVE OCCURRED



# School Review

Acton-Boxborough

Mansfield

Weston

Braintree

Needham

Weymouth

Duxbury

Pembroke

Easton (Oliver Ames)

Scituate

Lexington

Silver Lake



## **AREAS - REVIEWED**

1. GRADING SCALE - COMPLETED - IMPLEMENTED 9/18
2. GRADUATION REQUIREMENTS
3. GPA
4. WEIGHTED GPA SCALE
5. CLASS RANK TRANSITION
6. FINAL EXAM EXEMPTION



# GRADING SCALE - IMPLEMENTED- 9/18

A+	100.0 -96.5
A	96.49 -92.5
A-	92.49 -89.5
B+	89.49- 86.5
B	86.49 -82.5
B-	82.49 -79.5
C+	79.49 -76.5
C	76.49- 72.5
C-	72.49 -69.5
D+	69.49 -66.5
D	66.49 -62.5
D-	62.49 -59.5
F	59.49 - 0.0

APPROVED UNANIMOUSLY BY ASC,MHS SC, MPSD SC



# RECOMMENDED GRADUATION REQUIREMENTS

In order to receive a Marshfield High School diploma, students must earn **102** credits including the courses listed below, and pass the state required competency determination assessment through participation in MCAS testing.

ENGLISH	16 Credits	(English 1,2,3 and 4)
SOCIAL STUDIES	16 Credits	(World Cultures, U.S. History 1 & 2, Govt/Ec AP Gov or AP Euro)
MATHEMATICS	12 Credits	
SCIENCE	12 Credits	(including Biology)
WORLD LANGUAGE	8 Credits	(in the same language)
FINE, PERFORMING AND TECHNICAL ARTS	12 credits	( Art, Computer Science, Drama, Music, Comp. Health, Technical Education )
HEALTH	2 Credits	(9 <sup>th</sup> grade Health, 11 <sup>th</sup> grade Health)
PHYSICAL EDUCATION	4 Credits	(1 credit/year must pass all 4 years)





# KEY TOPICS DISCUSSED AND DEBATED

- Increase graduation required credits - Students will be required to schedule for 7 classes at least 2 times in a 4 year graduation cycle.
- 82 Credits required for Graduation Requirements - 20 Credits (5 courses) based on student choice. ( 82 CR + 20 EC = 102 Minimum required to Graduate)
- Credit granted for Physical Education - in the past required to pass, but no recognition of accomplishment.
- Decreases student opportunities for Directed Studies.
- Promotes students increasing courses selected and opportunities for learning.
- Fine, Performing and Technical Arts requirement:
  - Provides greater flexibility for student choice
  - Insures educating the whole child
  - Provides opportunity to focus on a skill area of choice
  - Insures our need for comprehensive programming
  - Depts. - Tech. Ed, Computer Sci, Comp. Health, Art, Music and Drama



# KEY TOPICS DISCUSSED AND DEBATED

- Increase time on learning
- 4 Year Math Requirement
- New Civics Requirement
- Community Service Requirement
- Importance of Computer instruction and learning
- Importance of the whole child
- Impacts on special education students



# FINAL RECOMMENDATION - RESULTS

In order to receive a Marshfield High School diploma, students must earn **102** credits including the courses listed below, and pass the state required competency determination assessment through participation in MCAS testing.

ENGLISH	16 Credits	(English 1,2,3 and 4)
SOCIAL STUDIES	16 Credits	(World Cultures, U.S. History 1& 2, Govt/Ec AP Gov or AP Euro)
MATHEMATICS	12 Credits	
SCIENCE	12 Credits	(including Biology)
WORLD LANGUAGE	8 Credits	(in the same language)
FINE, PERFORMING AND TECHNICAL ARTS	12 credits	( Art, Computer Science, Drama, Music, Technical Education )
HEALTH	2 Credits	(9 <sup>th</sup> grade Health, 11 <sup>th</sup> grade Health)
PHYSICAL EDUCATION	4 Credits	(1 credit/year must pass all 4 years)

Approved - ASC - 11-0 10/3/18

MHS SC - 11-0 1/28/19

MPSD SC - 4-0 3/12/19



# RECOMMENDED - MHS CORE GPA AND MHS WEIGHTED GPA

Create a 2 tiered Grade Point Average System that consists of:

**MHS CORE GPA** – Weighted Grade Point Average that is created using the 5 core content areas –

English, Math, Science, Social Studies and World Language.

**MHS WEIGHTED GPA** – Overall weighted Grade Point Average that includes all core content areas

along with all elective content areas.

MHS TRANSCRIPT - Core GPA listed.

MHS REPORT CARD - Core GPA and MHS Weighted GPA Listed

MHS WEIGHTED GPA used for National Honor Society Business



# KEY TOPICS DISCUSSED AND DEBATED

- Assists student with making informed college and career decisions.
- Allows students the opportunity to showcase talents and explore opportunities.
- Adjustment and leveling of elective courses.
- Which GPA used for National Honor Society.
- Where are the GPA's represented.
- Leveling of courses will need to be reviewed.
- What are colleges and universities looking at
- What are they using for determination for entrance



# FINAL RECOMMENDATION - RESULTS

Create a 2 tiered Grade Point Average System that consists of:

**MHS CORE GPA** – Weighted Grade Point Average that is created using the 5 core content areas –  
English, Math, Science, Social Studies and World Language.

**MHS WEIGHTED GPA** – Overall weighted Grade Point Average that includes all core content areas  
along with all elective content areas.

MHS TRANSCRIPT - Core GPA listed.

MHS REPORT CARD - Core GPA and MHS Weighted GPA Listed

MHS WEIGHTED GPA used for National Honor Society Business

# RECOMMENDED - WEIGHTED GPA SCALE



## Weighted GPA - Class of 2023

### Weighting differential:

Level 2 > Level 1= .5

Level 1 > Level 0= .3

Level 0 > AP= .2

Letter Grade	Level 2	Level 1	Level 0	AP
A	4.0	4.5	4.8	5.0
A-	3.7	4.2	4.5	4.7
B+	3.3	3.8	4.1	4.3
B	3.0	3.5	3.8	4.0
B-	2.7	3.2	3.5	3.7
C+	2.3	2.8	3.1	3.3
C	2.0	2.5	2.8	3.0
C-	1.7	2.2	2.5	2.7
D+	1.3	1.8	2.1	2.3
D	1.0	1.5	1.8	2.0
D-	.7	1.2	1.5	1.7



# KEY TOPICS DISCUSSED AND DEBATED

- Makes sense and is much clearer
- Need to differentiate AP from Level 0
- Create a scale that makes sense and is easily explained
- Can Aspen handle the changes
- Reviewed the description of course levels (POS) at MHS
- Discussed what the differential should be by level



# FINAL RECOMMENDATION - RESULTS

Weighted GPA - Class of 2023

Weighting differential:

Level 2 > Level 1= .5

Level 1 > Level 0= .3

Level 0 > AP= .2

Approved - ASC - 12-0 1/9/19  
MHS SC - 11-0 1/18/19  
MPSD SC - 4-0 3/12/19

Letter Grade	Level 2	Level 1	Level 0	AP
A	4.0	4.5	4.8	5.0
A-	3.7	4.2	4.5	4.7
B+	3.3	3.8	4.1	4.3
B	3.0	3.5	3.8	4.0
B-	2.7	3.2	3.5	3.7
C+	2.3	2.8	3.1	3.3
C	2.0	2.5	2.8	3.0
C-	1.7	2.2	2.5	2.7
D+	1.3	1.8	2.1	2.3
D	1.0	1.5	1.8	2.0
D-	.7	1.2	1.5	1.7



## **RECOMMENDED - TRANSITION OF CLASS RANK TO PERCENTILE RANK**

Class Rank - Recommendation that Class Rank be eliminated starting with the Class of 2023. Move to a Percentile Rank using the MHS Core GPA. Rank will be used to determine the valedictorian and salutatorian for commencement exercises at the end of Semester 1 of the senior year.



# KEY TOPICS DISCUSSED AND DEBATED

- Rank is causing unhealthy competition between students/families....
- Performance stress is impacting our students
- Differentiation is minor when separating rank
- Still keep 1, 2 and 3 for graduation, etc.
- How does percentile rank impact scholarships
- Rank can be determined for an outside scholarship
- Important to inform/communicate change
- Change will need to be phased in



# FINAL RECOMMENDATION - RESULTS

Class Rank - Recommendation that Class Rank be transitioned to Percentile Rank with the Class of 2021 (2023 Amended - 1/28/19). Move to a Percentile Rank using the MHS Core GPA. Rank will be used to determine the valedictorian and salutatorian for commencement exercises at the end of Semester 1 of the senior year.

Approved - ASC - 12-0 1/9/19    MHS SC - Amended - 11-0 - 1/28/19    MPSD SC - 4-0 3/12/19



## **NEXT STEPS**

- PROGRAM OF STUDIES - REVISION
- INFORM INCOMING 9TH GRADE STUDENTS/PARENTS
- REVISE HANDBOOK
- PHASE IN FOR THE CLASS OF 2023