



MHS Course

Sequences for SY2023

Class of 2026 Sample Course Sequence #1

Freshman	Sophomore	Junior	Senior
Algebra I	Geometry	Algebra II	A 4th Math
9 th Grade Literature or Freshman Seminar	Multicultural Literature	American Literature	Dramatic Writing, Adv. Comp, or AP Lit
Physical Science	Biology	Environmental Science	A 4th Science
American Government	World History	US History	Economics
Career Pathway/Elective	Career Pathway/Elective	Career Pathway/Elective	WBL-YAP/Elective
Elective	World Language/Elective	World Language/Elective	Elective
Health/Personal Fitness	Elective	SAT-ACT Prep/Elective	Elective
Elective	Elective	Elective	Elective

*Appropriate course placement creates many variations of a student's course sequencing.



Class of 2026 Sample Course Sequence #2

Freshman	Sophomore	Junior	Senior
Honors Geometry	Honors Algebra II	IB Math AI SL Y2	AP Stats, Pre-Calculus, or Other
Honors 9 th Grade Lit	Honors Multicultural Lit	IB English, Year 1	IB English, Year 2
Honors Biology	Honors Chemistry and Honors Physics (Optional)	IB Science, Year 1	IB Science, Year 2
Honors American Government and Honors Economics	AP World History	IB History of the Americas, Year 1	IB History of the Americas, Year 2
World Language	World Language	IB World Lang, Year 1	IB World Lang, Year 2
Career Pathway/Elective	Career Pathway/Elective	Career Pathway/Elective	WBL-YAP/Elective
Health/Personal Fitness	Elective	An IB Sixth Subject, Year 1	An IB Sixth Subject, Year 2
Elective	Elective	SAT/ACT Prep or Elective & IB Theory of Knowledge I	IB Theory of Knowledge II & Elective

*Appropriate course placement creates many variations of a student's course sequencing.



Class of 2026 Sample Course Sequence #3

Freshman	Sophomore	Junior	Senior
Algebra I	Geometry	Algebra II	A 4th Math
9 th Grade Literature or Freshman Seminar	Multicultural Literature	American Literature	Dramatic Writing, Adv. Comp, or AP Lit
Physical Science	Biology	Environmental Science	A 4th Science
American Government	World History	US History	Economics
Career Pathway/Elective	Career Pathway/Elective	Career Pathway/Elective	WBL-YAP/Elective
Health/Personal Fitness	World Language/Elective	World Language/Elective	Elective
Doubled Blocked Performing Art - Band, Chorus, or Orchestra	Doubled Blocked Performing Art - Band, Chorus, or Orchestra	Doubled Blocked Performing Art - Band, Chorus, or Orchestra	Doubled Blocked Performing Art - Band, Chorus, or Orchestra

*Appropriate course placement creates many variations of a student's course sequencing.



Class of 2026 Sample Course Sequence #4

Freshman	Sophomore	Junior	Senior
Honors Geometry	Honors Algebra II	IB Math AI SL Y2	AP Stats, Pre-Calculus, or Other
Honors 9 th Grade Lit	Honors Multicultural Lit	IB English, Year 1	IB English, Year 2
Honors Biology	Honors Chemistry and Honors Physics (Optional)	IB Science, Year 1	IB Science, Year 2
Honors American Government and Honors Economics	AP World History	IB History of the Americas, Year 1	IB History of the Americas, Year 2
World Language	World Language	IB World Lang, Year 1	IB World Lang, Year 2
Health/Personal Fitness	Elective	An IB Sixth Subject, Year 1	An IB Sixth Subject, Year 2
Doubled Blocked Performing Art - Band, Chorus, or Orchestra	Doubled Blocked Performing Art - Band, Chorus, or Orchestra	Performing Art - Band, Chorus, or Orchestra	Performing Art - Band, Chorus, or Orchestra
		Performing Art (Fall) & IB Theory of Knowledge I (Spring)	IB Theory of Knowledge I (Fall) & Performing Art (Spring)

*Appropriate course placement creates many variations of a student's course sequencing.



Math Course Sequences

Freshman	Sophomore	Junior	Senior
Algebra I w/Support	Geometry (w/Support*)	Algebra II (w/Support*)	AMDM, Statistical Reasoning, AP Statistics, Pre-Calculus
Algebra I w/Support	Geometry or Honors Geometry	Honors Algebra II	AP Stats, Pre-Calculus, or IB Math AI SL Y2
Honors Algebra I	Honors Geometry	Honors Algebra II	AP Stats, Pre-Calculus, or IB Math AI SL Y2
Honors Geometry	Honors Algebra II	IB Math AA SL Y1	IB Math AA SL Y2
Honors Geometry	Honors Algebra II	IB Math AI SL Y2 or Pre-Calculus	AP Stats, Statistical Reasoning, Pre-Calculus, AP Calculus AB/BC
Accel Algebra I/Geo A	Accel Geo B/Alg II	IB Math AA SL Y1 or Pre-Calculus	IB Math AA SL Y2 or AP Calculus AB/BC
Accel Geo B/Alg II	IB Math AA SL Y1 or Pre-Calculus	IB Math AA SL Y2, IB Math AI Y2 or AP Calculus AB	IB Math AA HL Y2, AP Calculus BC

*A student's course sequence may vary from a listed sequence. There is always the chance of moving into, and out of, Honors/AP/IB tracks.



Rigorous Math Sequences - What is the end GOAL?

8th Grade	Freshman	Sophomore	Junior	Senior
Accel Alg I/Geo A	Accel Geo B/Alg II	IB Math AA SL Y1 <i>(Pre-Calculus)</i>	IB Math AA SL Y2 <i>(Calculus)</i>	IB Math AA HL Y2 or AP Calculus BC
Accel Alg I/Geo A	Honors Geometry	Honors Algebra II	IB Math AA SL Y1 <i>(Pre-Calculus)</i>	IB Math AA SL Y2 <i>(Calculus)</i>
Accel Alg I/Geo A	Honors Geometry	Honors Algebra II	IB Math AI SL Y2 <i>(Applications of Integrated Math Topics)</i>	AP Stats or Pre-Calculus
Enhanced Math 8	Honors Algebra I	Honors Geometry	Honors Algebra II	AP Stats, Pre-Calculus, or IB Math AI SL Y2
Math 8	Algebra I with Support	Honors Geometry	Honors Algebra II	IB Math AI SL Y2 <i>(Applications of Integrated Math Topics)</i>
Math 8	Algebra I with Support	Geometry	Honors Algebra II	IB Math AI SL Y2 <i>(Applications of Integrated Math Topics)</i>
<i>Honors Algebra I</i> <i>Currently not offered or approved</i>	Honors Geometry	Honors Algebra II	IB Math AA SL Y1 or PreCalculus	IB Math AA SL Y2 or AP Calculus AB
<i>Honors Algebra I</i> <i>Currently not offered or approved</i>	Honors Geometry	Honors Algebra II	IB Math AI SL Y2 <i>(Applications of Integrated Math Topics)</i>	AP Stats or Pre-Calculus



ELA Course Sequences

Freshman	Sophomore	Junior	Senior
9th Grade Lit/Comp or Freshman Seminar (9th Grade Lit/Comp + Reading)	Multicultural Lit/Comp	American Lit/Comp	Advanced Comp, Dramatic Writing, or AP Literature
9th Grade Lit/Comp	Honors Multicultural Lit/Comp	IB English, Year 1	IB English, Year 2
Honors 9th Grade Lit/Comp	Honors Multicultural Lit/Comp	IB English, Year 1	IB English, Year 2

ELA Electives:

- Reading Support
- Intro to Journalism
- Journalism - Pitchfork (I, II, III, & IV)
- Journalism - Olympian (I, II, III, & IV)

*A student's course sequence may vary from a listed sequence. There is always the chance of moving into, and out of, Honors/AP/IB tracks.



Science Course Sequences

Freshman	Sophomore	Junior	Senior
Physical Science	Biology	<i>Two of the following:</i> Environmental Science, Zoology, Forensic Science, Chemistry I, AP Physics C: Mechanics, or 4th year CTAE Science	
Physical Science	Biology or Honors Biology	IB Biology, Year 1, IB Chemistry, Year 1, IB Envir. Systems, Year 1	IB Biology, Year 2, IB Chemistry, Year 2, IB Envir. Systems, Year 2
Honors Biology	Honors Chemistry and Honors Physics (Optional)	<i>Two of the following:</i> Environmental Science, Zoology, Forensic Science, Chemistry II, AP Physics C: Mechanics, or 4th year CTAE Science	
Honors Biology	Honors Chemistry and Honors Physics (Optional)	IB Biology, Year 1, IB Chemistry, Year 1, IB Physics, Year 1, or IB Envir. Systems, Year 1 AP Physics C: Mechanics	IB Biology, Year 2, IB Chemistry, Year 2, IB Physics, Year 2, or IB Envir. Systems, Year 2 AP Physics C: Mechanics

*A student's course sequence may vary from a listed sequence. There is always the chance of moving into, and out of, Honors/AP/IB tracks.



Social Studies Course Sequences

Freshman	Sophomore	Junior	Senior
American Government <i>Semester Class</i>	World History	US History	Economics <i>Semester Class</i>
American Government <i>Semester Class</i>	Honors World History	IB History of the Americas, Year 1	Economics (<i>Semester Class</i>) & IB History of the Americas, Year 2
Honors American Government and Honors Economics	Honors World History	IB History of the Americas, Year 1	IB History of the Americas, Year 2
Honors American Government and Honors Economics	AP World History	IB History of the Americas, Year 1	IB History of the Americas, Year 2

Social Studies Electives:

- Ethnic Studies
- Psychology
- Peer Leadership
- Personal Financial Literacy

*A student's course sequence may vary from a listed sequence. There is always the chance of moving into, and out of, Honors/AP/IB tracks.



World Language Course Sequences

Year 0 (8th)	Year 1	Year 2	Year 3	Year 4
No World Language	No World Language	World Language I	World Language II	Honors World Language III or No World Language
No World Language	World Language I	World Language II	Honors World Language III	No World Language
No World Language	World Language I	Honors World Language II	IB World Language SL, Year 1	IB World Language SL, Year 2
World Language I	World Language II or Honors World Language II	Honors World Language III	IB World Language SL, Year 1 or or No World Language	IB World Language SL, Year 2 or AP World Lang & Culture or No World Language
World Language I	Honors World Language II	IB World Language SL, Year 1	IB World Language SL, Year 2	IB World Language HL or AP World Lang & Culture or No World Language
World Language II	Honors World Language III	IB World Language SL, Year 1	IB World Language SL, Year 2 or AP World Lang & Culture or No World Language	IB World Language HL or AP World Lang & Culture or No World Language
	Spanish for Native Speakers I	Spanish for Native Speakers II	AP Spanish Lang & Culture	IB Spanish HL

*World Language = Spanish, French, or American Sign Language (ASL)

*World Language classes are not automatically added to a student's request unless they are taking a Carnegie unit class at MMS. ***If you want a World Language class as a freshman, it must be requested as an elective.***

*A student's course sequence may vary from a listed sequence. There is always the chance of moving into, and out of, Honors/AP/IB tracks.



Fine Arts Course Sequences - Band

Year 1	Year 2	Year 3	Year 4
Intermediate Band	Intermediate Band or Advanced Band or Mastery Band	Intermediate Band or Advanced Band or Mastery Band	Intermediate Band or Advanced Band or Mastery Band
Advanced Band	Advanced Band or Mastery Band	Advanced Band or Mastery Band	Advanced Band or Mastery Band
Mastery Band	Mastery Band	Mastery Band	Mastery Band

Notes:

- If a student has not taken any Band courses and has no musical experience: Intermediate Band
- If a student has not taken a Band course, but has musical experience: an audition will determine if the student is placed in Intermediate Band or Advanced Band
- If a student has taken any Band courses from 8th grade to 11th grade: an audition may be used to determine if the student is placed in Intermediate Band, Advanced Band or Mastery Band
- All Band classes will be double blocked (4x4) for the fall and spring semester



Fine Arts Course Sequences - Chorus

Year 1	Year 2	Year 3	Year 4
Beginning Chorus	Beginning Chorus or Mastery Mixed Chorus	Beginning Chorus or Mastery Mixed Chorus	Beginning Chorus or Mastery Mixed Chorus
Intermediate Chorus (Bel Canto Choir)	Intermediate Chorus or Mastery Mixed Chorus	Intermediate Chorus or Mastery Mixed Chorus	Intermediate Chorus or Mastery Mixed Chorus
Mastery Mixed Chorus (Chamber Choir)	Mastery Mixed Chorus	Mastery Mixed Chorus	Mastery Mixed Chorus

Notes:

- If a student has not taken any Chorus courses: Beginning Chorus I or Intermediate Chorus I
- If a student has taken any Chorus courses from 8th grade to 11th grade: an audition may be used to determine if the student is placed in Beginning Chorus I, Intermediate Chorus I, or Mastery Mixed Chorus
- All Chorus classes will be double blocked (4x4) for the fall and spring semester



Fine Arts Course Sequences - Dance

Year 1	Year 2	Year 3	Year 4
Jazz Dance I	Modern Dance I	Modern Dance II	Modern Dance III
Modern Dance I	Jazz Dance I	Modern Dance II	Modern Dance III
Modern Dance I AND Jazz Dance I	Modern Dance II	Modern Dance III	Modern Dance IV
Modern II <i>Requires Audition and Teacher Approval</i>	Modern III	Modern IV	Dance Composition

Notes:

- All Dance courses are full year.
- Modern Dance and Jazz Dance can be taken at the same time, in the same year.



Fine Arts Course Sequences - Orchestra

Year 1	Year 2	Year 3	Year 4
Intermediate Orchestra	Intermediate Orchestra or Advanced Orchestra	Intermediate Orchestra or Advanced Orchestra	Intermediate Orchestra or Advanced Orchestra
Advanced Orchestra	Advanced Orchestra	Advanced Orchestra	Advanced Orchestra

Notes:

- If a student has not taken any Orchestra courses: Intermediate Orchestra I
- If a student has been in the Orchestra pipeline since 6th grade, or 7th/8th: Intermediate Orchestra I
- All Orchestra classes will be double blocked (4x4) for the fall and spring semester



Fine Arts Course Sequences - Theatre

Year 1	Year 2	Year 3	Year 4
Fundamentals of Theatre I & Fundamentals of Theatre II	Advanced Drama I	Advanced Drama II	Advanced Drama III
Advanced Drama I	Advanced Drama II	Advanced Drama III	Advanced Drama IV
Technical Theatre I	Technical Theatre II	Technical Theatre III	Technical Theatre IV
Musical Theatre I	Musical Theatre II	Musical Theatre III	Musical Theatre IV
	1 Year of any Theatre Class	IB Theatre, Year 1	IB Theatre, Year 2

Notes:

- Fundamentals of Theatre I can be taken any semester during a student's high school career.
- *Technical Theatre and/or Musical Theatre can be started during the fall at any point in a student's high school career.*
- Advanced Drama is an auditioned class, featuring the One Act Play production. Students may audition for this class at any point during their high school career.



Fine Arts Course Sequences - Visual Arts

Year 1	Year 2	Year 3	Year 4
Visual Arts/Comprehensive I <i>Semester Class</i>	Drawing I (Semester Class) and Drawing II (Semester Class)	AP Studio Arts Drawing or AP Studio Arts 2D Design or AP Studio Arts 3D Design	AP Studio Arts Drawing or AP Studio Arts 2D Design or AP Studio Arts 3D Design
Visual Arts/Comprehensive I <i>Semester Class</i>	Painting I (Semester Class) and Painting II (Semester Class)	AP Studio Arts Drawing or AP Studio Arts 2D Design or AP Studio Arts 3D Design	AP Studio Arts Drawing or AP Studio Arts 2D Design or AP Studio Arts 3D Design
Visual Arts/Comprehensive I <i>Semester Class</i>	Sculpture I (Semester Class) and Sculpture II (Semester Class)	AP Studio Arts Drawing or AP Studio Arts 2D Design or AP Studio Arts 3D Design	AP Studio Arts Drawing or AP Studio Arts 2D Design or AP Studio Arts 3D Design

Notes:

- All level I and level II classes are semester (0.5 credit) classes
- Visual Arts/Comprehensive I can be taken any semester during a student's high school career
- Visual Arts/Comprehensive I can be waived with teacher approval



CTAE & AFJROTC Course Sequences

Career Pathway	Year 1	Year 2	Year 3 (Pathway Complete & EOPA)	Other
AFJROTC	Aerospace Science: Leadership 100	Aerospace Science: Leadership 200	Aerospace Science: Space Exploration	4th Year: Aerospace Science: Corps Management
Architecture	Intro. to Drafting and Design	Architecture , Drafting, and Design I	Architecture , Drafting, and Design II	Structural Detailing
Audio-Video Technology & Film	Audio-Video Technology & Film I	Audio-Video Technology & Film II	Audio-Video Technology & Film III	*IB Film I and IB Film II
Biotechnology Research & Development	Intro. to Healthcare Science	Essentials of Biotechnology	Applications of Biotechnology	Biotechnology Research & Development
Certified Nurses Assistant (CNA)	Intro. to Healthcare Science	Essentials of Healthcare	Diet & Nutrition: ALHS 1060 Medical Terminology: ALHS 1090 Nurse Aide Fund.: NAST 1000	Dual Enrollment w/Chatt Tech
Computer Science	Intro. to Digital Technology	AP Computer Science Principles or Computer Science Principles	AP Computer Science A	
Construction	Industry Fundamentals and Occupational Safety	Intro. To Construction	Carpentry 1	

*Students can start a pathway in 9th or 10th grade. To start a pathway in 11th or 12th grade, please see your Counselor



CTAE & AFJROTC Course Sequences

Career Pathway	Year 1	Year 2	Year 3 (Pathway Complete & EOPA)	Other
Culinary Arts	Intro. to Culinary Arts	Culinary Arts I	Culinary Arts II	
Cybersecurity (PLTW)	Intro. to Digital Technology	AP Computer Science Principles	Intro. To Cybersecurity & Advanced Cybersecurity	
Early Childhood Education	Early Childhood Education I	Early Childhood Education II	Early Childhood Education III	
Emergency Medical Responder	Intro. to Healthcare Science	Essentials of Healthcare	Emergency Medical Responder	
Engineering Drafting & Design	Intro. to Drafting and Design	Survey of Engineering Design	3D Modeling & Analysis HL, Year 1	Research, Design, & Product Management
Engineering & Technology	Foundations of Engineering & Technology	Engineering Concepts (SY2024)	Engineering Applications HL, Year 1 (SY2025)	IB Design Technology HL, Year 2 (SY2024)
Entrepreneurship	Intro. to Business and Technology	Legal Environment of Business	Entrepreneurship	

*Students can start a pathway in 9th or 10th grade. To start a pathway in 11th or 12th grade, please see your Counselor



CTAE & AFJROTC Course Sequences

Career Pathway	Year 1	Year 2	Year 3 (Pathway Complete & EOPA)	Other
Game Design	Intro. to Digital Technology	Computer Science Principles	Games Design: Animation & Simulation	
Graphic Communication	Intro. to Graphics & Design	Graphics Design & Production	Advanced Graphics Output Processes	Advanced Graphic Design (an additional Pathway)
Graphic Design	Intro. to Graphics & Design	Graphics Design & Production	Advanced Graphic Design	Advanced Graphics Output Processes (an additional Pathway)
Law Enforcement Services	Intro. to Law, Public Safety, Corrections, and Security	Criminal Justice Essentials	Criminal Investigations	Public Safety Communications (an additional Pathway) <i>*Not an IBCP Pathway</i>
Marketing	Marketing Principles	Promotion & Professional Sales	Marketing Communications Essentials	<i>Pathway is being phased out.</i>
Nutrition and Food Science	Food, Nutrition, and Wellness	Food for Life	Food Science	
Sports Medicine	Intro. to Healthcare Science	Essentials of Healthcare	Sports Medicine	
WBL and YAP			Work Based Learning and Youth Apprenticeship opportunities exist during the 11th and 12th grade year	

*Students can start a pathway in 9th or 10th grade. To start a pathway in 11th or 12th grade, please see your Counselor



CTAE & AFJROTC Course Sequences

Career Pathway	Year 1	Year 2	Year 3 (Pathway Complete & EOPA)	Other
WellStar Nursing Career Pathway	Intro. to Healthcare Science	Essentials of Healthcare	Diet & Nutrition: ALHS 1060 Medical Terminology: ALHS 1090 Nurse Aide Fund.: NAST 1000	<i>You can start now! This is a Dual Enrolled Pathway.</i>
Cosmetology	<i>Dual Enrolled Pathway through Chattahoochee Tech</i>			<i>Please contact Kelly Brangan</i>
Automotive Technology	<i>Dual Enrolled Pathway through Chattahoochee Tech</i>			<i>Please contact Kelly Brangan</i>

*Students can start a pathway in 9th or 10th grade. To start a pathway in 11th or 12th grade, please see your Counselor



IB 6th Subject with Sequencing (for IBDP)

IB 6th Subject	9th	10th	11th	12th
IB Psychology HL			IB Psychology HL Year 1	IB Psychology HL Year 2
2nd Science [^]			Any two of the following: IB Biology, IB Chemistry, IB ESS, or IB Physics Year 1* (All are SL courses)	Continue with Year 2 of both of the courses taken Year 1
3rd Language [^]	Prerequisite dependent on sequencing	Prerequisite dependent on sequencing	Spanish ab initio Year 1 Spanish/French SL Year 1 Spanish/French SL Year 2	Spanish ab initio Year 2 Spanish/French SL Year 2 Spanish/French HL
IB Film HL	AVTF I	AVTF I or II	IB Film HL Year 1	IB Film HL Year 2
IB Theatre HL	Must take at least one Theatre course during 9th or 10th grade	Must take at least one Theatre course during 9th or 10th grade	IB Theatre HL Year 1	IB Theatre HL Year 2
IB Music SL or HL [^]	Band, Orchestra, Chorus	Band, Orchestra, Chorus	IB Music SL or HL Year 1 + Band, Orchestra, or Chorus	IB Music SL or HL Year 2 + Band, Orchestra, or Chorus
Engineering & Technology	Foundations of Engineering & Technology	Engineering Concepts (SY2024)	Engineering Applications HL, Year 1 (SY2025)	IB Design Technology HL, Year 2 (SY2024)

[^] Keep in mind that students must take three HL courses for IBDP.

* Prerequisite for IB Physics is Algebra II.

