

# 2023-2024 PROGRAM OF STUDIES OVERVIEW FOR 8TH GRADE STUDENTS & FAMILIES

FULL PROGRAM PLANNING GUIDE: WWW.METHACTON.ORG/PPG SCHEDULING WEBSITE: WWW.METHACTON.ORG/SCHEDULING



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#### A Message to Students and Parents

A student's high school academic program decisions are very important. Eighth grade students will soon begin the process of selecting their Methacton High School courses for the 2023-2024 school year. Parents/Guardians, teachers and counselors will all provide guidance and assistance to students in this process.

Parents/Guardians are encouraged to use this printed guide as a starting point for conversations with your student(s) about their upcoming academic program decisions. This guide only serves as an overview of the programmatic offerings at Methacton High School. The full digital 2023-2024 Program Planning Guide will include pre-requisites, requirements and descriptions for our course offerings.

#### **Important Dates**

- January 24, 2023 Counselors present course selection process to 8<sup>th</sup> grade students during the school day. Students will receive a hard copy of the overview guide for 8<sup>th</sup> grade students and families.
- January 27, 2023 8<sup>th</sup> grade parents/guardians to receive communications about scheduling process. Email to come from Dr. Jamie Gravinese, MHS Principal.
- January 31, 2023 HS Department Chair availability for parents/guardians to discuss any department-specific questions. Zoom webinar from 3pm-5pm. Department specific links will be provided via SchoolMessenger.
- February 10, 2023 Parents/Guardians to review teacher course recommendations in PowerSchool and discuss elective choices with child.
- March 1, 2023 8<sup>th</sup> grade students complete course selection during the school day (makeups 3/2).
- March 2-6, 2023 8<sup>th</sup> grade parent course selection verification form due in PowerSchool.

Mission	Vision
student-focused and community-centered '	The Methacton School District will <b>empower</b> all learners to develop talents, <b>encourage</b> personal growth and success, and <b>inspire</b> leadership to transform our future.

Methacton High School Administration							
	Dr. Jamie Gravinese						
	Prin	cipal					
Mr. Dan Bontempo	Dr. Karey Kochenour Dr. Paul Spiewak				Dr. Karey Kochenour		
10th Grade Administrator	11th Grade Administrator 12th Grade Administrator				11th Grade Administrator		12th Grade Administrator
9th Grade (Gp-O)	9th Grade (A-Go) 9th Grade (P-Z)						
Mr. John Smink	ohn Smink Dr. Erika Thomas						
Director of Activities and	Athletics	Supervisor o	f Secondary Special Education				

Counselor	Student Last Name	Phone Extension
Mr. Peck	A-CI	Ext. 25032
Ms. Henning	Cm-Go	Ext. 25408
Mrs. Langan	Gp-Kp	Ext. 25029
Mr. Ruminski	Kr-O	Ext. 25028
Mr. Howard	P-Sr	Ext. 25031
Mrs. Hartson	St-Z	Ext. 25038

Department Coordinator	Subject
Ms. Beth Hall	Art
Mr. Chris Lloyd	Business/FCS/Technology
Mrs. Liza Kernan	English
Mr. Jeffrey Derstine	Health/Physical Education
Mrs. Megan Emery	Mathematics
Mrs. Susan Basalik	Music
Mr. Steven Savitz	Science
Mr. Adam Sussman	Social Studies
Mrs. Niki Brislin	Special Education
Mrs. Christine Hamill	World Language

#### **Minimum and Maximum Credit Schedule**

To be considered a full-time student, students in all grades must maintain the minimum six (6) credits per year. A student schedule is full when the minimum credits are scheduled. Students may schedule up to a possible 7.4 credits in a single year.

#### **Graduation Requirements**

Subject Area		<b>Required Credits</b>
English		4.00
Mathematics		3.00
Science		3.00
Social Studies		4.00
Health		0.25
Physical Education (9-12)		1.50
Arts/Humanities		2.00
FCS/ Finance		0.25
Electives		4.50
STEM (Science, Technology/Computers, Engineering, or Math)		1.00
1	Гotal	23.50

To be eligible for graduation a student in full residency shall satisfactorily complete the minimum program described above **AND** demonstrate proficiency on the required **Keystone Exams**.

#### Credits for Promotion

A minimum number of credits need to be accumulated each year to be promoted:

From Grade 9 to Grade 10 = 5.5 credits

From Grade 10 to Grade 11 = 11.5 credits

From Grade 11 to Grade 12 = 16.5 credits

#### **Pathways to Graduation**

Act 158 of 2018 (Act 158) provides alternatives to Pennsylvania's statewide requirement of attaining proficiency on the three Keystone Exams (Algebra I, Literature and Biology) for a student to meet statewide graduation requirements. Effective with the class of 2023, students have the option to demonstrate postsecondary preparedness through one of five pathways. An overview of the 5 pathways are provided in the chart on the next page.

#### Pathways to Graduation - Act 158 of 2018

Pathway #1	Pathway #2	Pathway #3	Pathway #4	Pathway #5
Keystone Proficiency	Keystone Composite	Alternate Assessment	Evidenced Based	Career & Technical Education (CTE) Concentrator
Score Proficient or Advanced on <b>ALL 3</b> Keystone: • Algebra	Proficient or Advanced on at least <b>ONE</b> of the Keystone Exams and at least Basic on the other two	Meet local grade- based requirements for Keystone content in which student is less than proficient	Meet local grade- based requirements for Keystone content in which student is less than proficient	Meet local grade- based requirements for Keystone content in which student is less than proficient
<ul> <li>Biology</li> </ul>	AND	AND	AND	AND
• Literature		one piece of evidence listed below	three pieces of evidence listed below	one piece of evidence listed below
Students who completed Algebra 1, Biology or Literature Grade 10 in the 2019-20 school year received an automatic non-numeric score of Proficient	Earned a composite score of at least 4452 on Keystone exams:  • Algebra • Biology • Literature  No score can be Below Basic and at least one score must be Proficient or Advanced  The Keystone Exam 2-score composite is 2939 or Greater (where eligible under §121.1)	Must choose ONE of these:  Attainment of one alternative assessment score or better: PSAT 10/NMSQT (970), or SAT (1010), or ACT (21), ASVAB AFQT (31),  Attainment of Gold Level or better ACT-WorkKeys  Attainment of 3 or better act and the second of the s	Must choose ONE or MORE of these:  Attainment of 630 or better on any SAT Subject test  Attainment of Silver level or better ACT-WorkKeys  Attainment of 3 or better on any AP exam  Attainment of industry recognized credentialization  Successful completion of any concurrent enrollment or post secondary course  Acceptance into an accredited, non-profit Institution of Higher Education (IHE) other than 4yr program for collegelevel coursework	Must choose ONE of these:  Attain industry-based competency certification Likelihood of industry-based competency success  Readiness for continued engagement in Career and Technical Education (CTE) Concentrator program of study
			Choose NO MORE than TWO of these:  Attain advanced or Proficient on any Keystone Exam  Letter guaranteeing full-time employment or military enlistment  Completion of an internship, externship or cooperative education program  Compliance with NCAA Division II academic requirements  Successful completion of a service learning project	

<sup>\*</sup>A student with a disability who is unable to satisfy pathway requirements but who satisfactorily completes a special education program is granted a diploma under Title 22 §4.24.

# **Program of Studies**

# **Art Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0900	Studio Art I	9-12	6	Yr	1.0
0901	Studio Art II	10-12	6	Yr	1.0
0902	Studio Art III	11-12	6	Yr	1.0
0903	Adv. Drawing & Design	11-12	6	Sem	.5
0904	Adv. Painting and Color	11-12	6	Sem	.5
0720	Photography I	9-12	6	Sem	.5
0725	Photography II	9-12	6	Sem	.5
0721	Graphic Design	9-12	6	Sem	.5
0722	Adv. Graphic Design	10-12	6	Sem	.5
0921	Ceramic Art I	9-12	6	Sem	.5
0922	Ceramic Art II	10-12	6	Sem	.5
0923	Ceramic Art III	11-12	6	Sem	.5
0925	Wheel-Thrown Ceramics	9-12	6	Sem	.5
1973	AP Studio Art	12	6	Yr	1.0

# **Business and Computer Education Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0601	Introduction to Business	9-12	6	Sem	.5
0602	Advanced Personal Finance	9-12	6	Sem	.5
0603	Business Law	9-12	3/6	Yr/Sem	.5
0605	Entrepreneurship	10-12	6	Sem	.5
0607	INCubatoredu Entrepreneurship (Uncharted Learning)	10-12	6	Yr	1.0
0609	Marketing	10-12	6	Sem	.5
0625	Spreadsheets	9-12	3	Sem	.25
0630	Automated Accounting I	9-12	6	Sem	.5
DE ECON 201	Dual Enrollment Principles of Economics I: Macro	11-12	6	Sem	.5
DE ECON 202	Dual Enrollment Principles of Economics I: Micro	11-12	6	Sem	.5

# **Driver Education Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0030	Classroom	9-12	3	Sem 1	.25
0032	Classroom	9-12	3	Sem 2	.25

# **English Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0091	Academic English 9 Survey	9	6	Yr	1.0
0092	English 9 Honors	9	6	Yr	1.0
3109	DI Composition 9	9	6	Yr	1.0
0101	English 10 World Literature	10	6	Yr	1.0
0102	Academic English 11	11	6	Yr	1.0
0103	Academic English 12	12	6	Yr	1.0
0107	English 10 Honors	10	6	Yr.	1.0
3110	DI English Literature 10	10	6	Yr.	1.0
0108	English 11 Honors	11	6	Yr	1.0
3111	DI English 11	11	6	Yr	1.0
0109	English 12 Honors	12	6	Yr	1.0
3112	DI English 12	12	6	Yr	1.0
0104	English 12: Literacy Connections	12	6	Yr	1.0
0118	Sports in Literature	9-12	6	Sem	0.5
0121	Introduction to Film	9-12	6	Sem	0.5
0124	Mythology and J.R.R. Tolkien	9-12	6	Sem	0.5
0128/.5	Creative Writing	9-12	6	Sem	0.5
0138	Public Speaking	9-12	6	Sem	0.5
1985	AP Capstone Seminar: English 10 World Literature	10-12	6	Yr	1.0
1986	AP Capstone Research	11-12	6	Yr	1.0
1974	AP English Lit. & Comp.	11	6	Yr	1.0
1975	AP English Lang. & Comp.	12	6	Yr	1.0
DE ENG	Literary Visions in Cinema	11-12	6	Sem	0.5

# **Family and Consumer Sciences Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0803	Today's Foods	9-12	6	Sem	0.5
0820	Interior Design, STEM!	10-12	3	Sem	0.25
0840	Child Development	10-12	6	Sem	0.5
0842	Child Development 2	11-12	6	Sem	0.5
0600	Consumer Finance	9-12	3	Sem	0.25
0808	Textile and Design	9-12	6	Sem	0.5

### **Health and Physical Education Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0005	Physical Ed. Grades 9 & 10	9-10	3	Yr	0.5
0011	Responsible Health Behaviors	10	3	Sem	0.25
0013	Standard First Aid (with CPR and AED)	9-12	3	Sem	0.25
0017	Physical Ed Grade 11	11-12	3	Yr	0.5
2012	Adapted Health & PE	9-12	6	Yr	1.0

# **Mathematics Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0409	Contemporary Calculus	11-12	6	Yr	1.0
0415	Academic Math	12	6	Yr	1.0
3410	DI Applied Math	11-12	6	Yr	1.0
4016	Algebra I Standards	9	6	Yr	1.0
0419	Algebra I	9	6	Yr	1.0
3407	DI Algebra I Part A	9	6	Yr	1.0
3408	DI Algebra I Part B	10	6	Yr	1.0
0420	Algebra II	9-12	6	Yr	1.0
0421	Algebra II/Trig.	9-12	6	Yr	1.0
3409	DI Algebra 2/Geometry	10-12	6	Yr	1.0
0422	Algebra III/Trig.	11-12	6	Yr	1.0
0426	Algebra II/Trig. Honors	9-10	6	Yr	1.0
0427	Trigonometry	12	6	Sem	0.5
0429	Principles of Geometry	9-12	6	Yr	1.0
0430	Geometry	9-12	6	Yr	1.0
0432	Geometry Honors	9	6	Yr	1.0
0441	Pre-Calculus	11-12	6	Yr	1.0
0442	Pre-Calculus Honors	10-11	6	Yr	1.0
0453	Probability	11-12	6	Sem	0.5
0454	Statistics	12	6	Yr	1.0
0455	Introduction to Computer Science	9-12	6	Sem	0.5
0456	Advanced Java Concepts	11-12	3	Yr	0.5
1978	AP Calculus AB	11-12	6	Yr	1.0
1983	AP Calculus BC	11-12	6	Yr	1.0
1993	AP Statistics	11-12	6	Yr	1.0
1997	AP Computer Science Principles	10-12	6	Yr	1.0
1998	AP Computer Science A	10-12	6	Yr	1.0

# **Media and Telecommunications Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
2300	Intro to TV Broadcasting, Journalism	9-12	6	Sem	0.5
2301	TV Commercials & News Reporting	10-12	6	Sem	0.5
2302	Video Yearbook	10-12	6	Sem	0.5
2303	Movie Making & Film Festival	10-12	6	Sem	0.5

### **Music Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0932	Concert Band	9-12	3	Yr	0.5
0934	Concert Band	9-12	6	Yr	1.0
0940	String Ensemble	9-12	6	Yr	1.0
0942	String Orchestra	9-12	3	Yr	0.5
0951	Concert Choir (Chorus)	9-12	3	Yr	0.5
0953	Concert Choir (Chorus)	9-12	6	Yr	1.0
0956	Chorale (Advanced Chorus)	9-12	3	Yr	0.5
0958	Chorale (Advanced Chorus)	9-12	6	Yr	1.0
0960	Guitar	9-12	3	Sem	0.25
0968	Music Theory Fundamentals	9-12	3	Yr	0.5
0967	Digital Audio Engineering	10-12	3	Yr	0.5
1991	AP Music Theory	10-12	6	Yr	1.0

# **Science Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0505	Environmental 9 Science	9	6	Yr	1.0
0506	Environmental 9 Science Honors	9	6	Yr	1.0
0507	Environmental 9 Sci. Accelerated Study	9	2	Sem	0.2
0511	Academic Biology	10	6	Yr	1.0
0510	Biology Honors	9-10	6	Yr	1.0
0513	Human Anat. & Phys.	11-12	6	Yr	1.0
0514	Chemistry in the Community	11-12	6	Yr	1.0
0530	Academic Chemistry	10-12	7	Yr	1.2
DE CHEM 121	General Chemistry I	10-12	7	Yr	1.2
0535	Chemistry Honors	10-11	7	Yr	1.2
0545	Oceanography & Marine Bio	11-12	6	Yr	1.0
0549	Conceptual Physics	11-12	6	Yr	1.0
0550	Academic Physics	11-12	7	Yr	1.2
0551	Physics Honors	11-12	7	Yr	1.2
0565	Crime Scene Investigation	11-12	6	Sem	0.5
0560	Hydroponic Farming	9-12	3	Yr	0.5
0570	Independent STEM Research	9-12	3	Sem	0.25
1979	AP Environmental	11-12	8	Yr	1.3
1980	AP Chemistry	11-12	8	Yr	1.3
1981	AP Biology	11-12	8	Yr	1.3
1982	AP Physics	12	8	Yr	1.3

# **Social Studies Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0206	Global History I	9	6	Yr	1.0
0207	Global History I Honors	9	6	Yr	1.0
0208	Global History II	10	6	Yr	1.0
0209	Global History II Honors	10	6	Yr	1.0
0211	U.S. & PA Cultures	11	6	Yr	1.0
0212	U.S. & PA Cultures Honors	11	6	Yr	1.0
0240	Psychology	10-12	3/6	Yr/Sem	0.5
0241	Forensic Psychology	12	6	Sem	0.5
0251	United States Government & Politics	12	6	Yr	1.0
0252	United States Government & Politics Honors	12	6	Yr	1.0
0263	Sociology	10-12	6	Sem	0.5
0264	Criminal Justice	10-12	6	Sem	0.5
1969	AP European History	9-12	6	Yr	1.0
1970	AP United States Government & Politics	12	6	Yr	1.0
1971	AP Human Geography	10-12	6	Yr	1.0
1976	AP Psychology	11-12	6	Yr	1.0
1977	AP United States History	11	6	Yr	1.0
0239	Women in America	11-12	3	Yr	0.5
0270	Media Literacy	10-12	6	Sem	0.5

# **Technology Education Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0710	Introduction to Engineering Design	9-12	6	Sem	0.5
0743	Engineering Design 1	10-12	6	Sem	0.5
0750	Engineering Design 2	10-12	6	Sem	0.5
0761	3D Modeling & Printing	9-12	6	Sem	0.5
0762	Architectural Design 1	9-12	6	Sem	0.5
0769	Architectural Design 2	10-12	6	Sem	0.5

# **World Language Department**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0300	German 1	9-12	6	Yr	1.0
0301	German 2	9-12	6	Yr	1.0
0306	German 2 Honors	9-12	6	Yr	1.0
0302	German 3	10-12	6	Yr	1.0
0307	German 3 Honors	10-12	6	Yr	1.0
0303	German 4	11-12	6	Yr	1.0
0308	German 4 Honors	11-12	6	Yr	1.0
0304	German 5	12	6	Yr	1.0
0310	French 1	9-12	6	Yr	1.0
0311	French 2	9-12	6	Yr	1.0
0312	French 2 Honors	9-12	6	Yr	1.0
0313	French 3	10-12	6	Yr	1.0
0316	French 3 Honors	10-12	6	Yr	1.0
0314	French 4	11-12	6	Yr	1.0
0317	French 4 Honors	11-12	6	Yr	1.0
0315	French 5	12	6	Yr	1.0
0330	Spanish 1	9-12	6	Yr	1.0
0331	Spanish 2	9-12	6	Yr	1.0
0332	Spanish 2 Honors	9-12	6	Yr	1.0
0333	Spanish 3	10-12	6	Yr	1.0
0339	Spanish 3 Honors	10-12	6	Yr	1.0
0334	Spanish 4	11-12	6	Yr	1.0
0340	Spanish 4 Honors	11-12	6	Yr	1.0
0335	Spanish 5	12	6	Yr	1.0
1994	AP Spanish Language & Culture	12	6	Yr	1.0
1995	AP French Language & Culture	12	6	Yr	1.0
1996	AP German Language & Culture	12	6	Yr	1.0

### **North Montco Technical Career Center**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0994	NMTCC AM GR. 9	9	18	Yr	2.25
0995	NMTCC AM GR. 10	10	18	Yr	2.25
0997	NMTCC PM GR. 11	11	18	Yr	2.25 or 3
0998	NMTCC PM GR. 12	12	18	Yr	2.25 or 3
1021	NMTCC Health and PE	9-11	-	Yr	0.75
1062	NMTCC Tech & Global Studies 11	11	-	Yr	1.0
1063	NMTCC Tech & Global Studies 12	12	-	Yr	1.0

### **Special Programs**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
0185	Yearbook	10-12	6	Yr	1.0
1070	Pre-Career Activity Sem. 1	12	-	Sem	0.5
1071	Mentorship Program	10-11			P/F
1072	Pre-Career Activity Sem. 2	12	-	Sem	0.5

<b>Dual Enrollment Courses</b> Open to Sophomores (DE Chemistry only), Juniors, & Seniors	
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Course Number	Name	College Credits Earned	MHS Credits Earned
NMTCC Offerings:			
DE NMBIT120	Intro to Biotech (formerly Sem 1 of Biotech)	4 college credits	NMTCC credit
DE NMBIT123	Techniques & Instruments in Biotech (formerly Sem 2 of Biotech)	4 college credits	NMTCC credit
DE NMBIO104	Allied Health	3 college credits	2
MCCC Offerings:			
DE CHEM 121	General Chemistry	4 college credits	1.2
DE ENG 238	Literary Vision of Film	3 college credits	0.5
<b>HACC Offerings:</b>			
DE CHIN 101	Elementary Chinese	3 college credits	0.5
DE EDUC 110	Foundations of PK-4 Education	3 college credits	0.5
DE ECON 201	Principles of Economics I: Macro	3 college credits	0.5
DE ECON 202	Principles of Economics II: Micro	3 college credits	0.5

### **Advanced Placement Courses**

Course Number	Name	Grade	Periods	Sem/Yr	Credits
1969	AP European History	9-12	6	Yr	1.0
1970	AP U.S. Government & Politics	12	6	Yr	1.0
1971	AP Human Geography	10-12	6	Yr	1.0
1973	AP Studio Art	12	6	Yr	1.0
1974	AP English 11	11	6	Yr	1.0
1975	AP English 12	12	6	Yr	1.0
1976	AP Psychology	11-12	6	Yr	1.0
1977	AP United States History	11	6	Yr	1.0
1978	AP Calculus AB	11-12	6	Yr	1.0
1979	AP Environmental	11-12	8	Yr	1.3
1980	AP Chemistry	11-12	8	Yr	1.3
1981	AP Biology	11-12	8	Yr	1.3
1982	AP Physics (Calculus)	12	8	Yr	1.3
1983	AP Calculus BC	11-12	6	Yr	1.0
1985	AP Capstone Seminar: English 10 World Literature	10-12	6	Yr	1.0
1986	AP Capstone Research	11-12	6	Yr	1.0
1991	AP Music Theory/Comp.	10-12	6	Yr	1.0
1993	AP Statistics	11-12	6	Yr	1.0
1994	AP Spanish	12	6	Yr	1.0
1995	AP French	12	6	Yr	1.0
1996	AP German	12	6	Yr	1.0
1997	AP Computer Science Principles	10-12	6	Yr	1.0
1998	AP Computer Science A	10-12	6	Yr	1.0

Athletics						
Cheerleading	Cross Country	Field Hockey				
Football	Golf	Soccer				
Tennis	Volleyball	Basketball				
Indoor Track	Swimming/Diving	Wrestling				
Baseball	Lacrosse	Softball				
Track & Field	Unified Sports					
Clubs/Activities						
Academic Decathlon	Art Honor Society	Best Buddies				
Chorus	Class Of 2023	Class Of 2024				
Class Of 2025	Class Of 2026	Debate/Mock Trials				
Electric Car Club	Environmental Club	Family Career & Community Leaders Of America				
Future Business Leaders of America	Marching Band	Model United Nations				
Multicultural Awareness Clubs	National Honor Society	Newspaper				
Orchestra	Red Cross	Reading Olympics				
Save A Life	Science Fair Team	Service Clubs				
Mini Thon	Student Council	The Tribe				
Theater / Musical, Fall & Spring	Tri-M Music Honor Society	Video Club				
Warrior Performance Group	Yearbook					

