



STEM Academy 9th Grade (2021-2022)

Student: _____
 PRINT: Last _____ First _____ MI _____

Required Google Form Entry Deadline _____ Student ID# _____

Home Phone _____ Business Phone _____ Parent Cell _____

My son/daughter will attend STEM Academy for the 21-22 school year. YES or NO

Graduation Plan: *Foundations with Distinguished Level of Achievement*

Endorsements: STEM / Manufacturing / Multi-Disciplinary

Credit Requirements – 26 total			
English Lang Arts:	4.0	Fine Arts:	1.0
Mathematics:	4.0	Health:	0.5
Science:	4.0	Electives:	6.5
Social Studies:	4.0		
Physical Education:	1.0		
Languages other than English (LOTE):	2.0		

HS CREDITS EARNED PRIOR TO ENTERING 9 TH GRADE:			
Course Title	Credit	Course Title	Credit

SUMMARY SCHEDULE:

Review the course offerings on the back of this page. Print below the courses you have selected. Select seven offerings for EACH semester. If a course is a full-year course, list it in the first semester column with an arrow to the second semester column.

In order to better understand your wishes, prioritize your elective choices (i.e. most desired elective goes into the first elective space, second most desired choice goes into the second elective, etc.) As much as possible, your elective choices on this grid will be honored. In the event it becomes necessary, due to master schedule constraints, your priority and alternative selections will be considered when developing your schedule.

1st SEMESTER

2nd SEMESTER

Tchr Rec	Course #	Course Title	Course #	Course Title
	1.	English I: _____	1. _____	English I:
	2.	Math: _____	2. _____	Math :
	3. H3233L	Science: Biology Honors _____	3. _____	Science: Biology Honors
	4. H4123L	Social Studies: AP Human Geography _____	4. _____	Social Studies: AP Human Geo
	5.	STEM Elective _____	5.	STEM Elective
	6.	Elective (ex. Fine Arts/LOTE) _____	6.	Elective
	7.	Elective (ex. PE/Health) _____	7.	Elective

Course #	ALTERNATE CHOICES: You MUST list a total 3 full year (1.0) electives to be considered as options for any elective course(s) that don't fit in to your schedule.		
	Alternate 1-		Alternate 1-
	Alternate 2-		Alternate 2-
	Alternate 3-		Alternate 3-
	SUMMER SCHOOL: List course(s) you plan to take this summer. (If applicable)		

CHOOSE CAREFULLY. STEM Academy has a June 1, 2021, deadline to make changes.

STEM ACADEMY HAS A "NO CHANGE OF MIND" POLICY AFTER THE DEADLINE.

Student Signature: _____

Parent Signature: _____

Place a check mark in the box next to the desired course.

Note: an asterisk (*) means a pre-requisite course, testing, and/or teacher recommendation is required.

All freshmen will take **H3233L - Biology Honors** (STEM Science) and **H4123L – AP Human Geography** (STEM Social Studies).

STEM English/Language Arts (1 credit):

- H1114L English I Honors
- H1115L English I Honors G/T*

STEM Mathematics (1 credit):

- H2313L Algebra I
- H2414L Geometry Honors
- H2415L Geometry Honors G/T*

STEM Elective (1 credit) – must select one:

Engineering Course Pathway:

- H8250L Principles of Applied Engineering
- H8252L Engineering Design & Presentation I*

Technology/Programming Course Pathway:

- H3005L Computer Sci Honors*

Biomedical Course Pathway:

- H8342L Biotechnology

Manufacturing Course Pathway:

- H8250L Principles of Applied Engineering
- H8094 Robotics I*

Advanced Mathematics Pathway:

Choose a general elective. Students in the Mathematics Pathway students must complete a total of 5 advanced math courses by the end of their senior year (i.e. AP Calculus, AP Stats, Engineering Math, etc...). Students in this pathway need to complete an additional math class starting their junior year in order to fulfill upper level pre-requisite requirements.

Advanced Science Pathway:

Choose a general elective. Students in the Science Pathway students must complete a total of 5 advanced sciences courses by the end of their senior year (i.e. AP Biology, AP Chemistry, etc...). Students in this pathway need to complete an additional science class starting their junior year in order to fulfill upper level pre-requisite requirements.

Lee HS Elective Options:

FINE ARTS (1 credit)

- H5511 Art I
- H5512 Art I Honors
- H5611 Band
- H5619 Band Color Guard – Flags
- H5671 Orchestra*
- H5691PG Guitar I
- H5711 Girls' Choir
- H5712 Mens' Choir
- H5900 Theatre Arts (acting)
- H5905 Theatre Arts (pre-req MS 2 yrs)*
- H5920 Tech Theater (pre-req MS TA)*
- H7421 NC Dance (non-competition)

FOREIGN LANGUAGE (1 credit)

- H5013 French I
- H5113 German I
- H5213 Latin I
- H5313 Spanish I
- H5323 Spanish II
- H5324 Spanish II Honors
- H5344 Spanish IV Honors*
- H5413 Japanese I
- H5445 Mandarin Chinese
- H5451 American Sign Language

ATHLETICS (0.5 credit):

- H7327 Cross Country – fall (boy/girl)
- H7331 Boys Track – spring
- H7335 Girls Track – spring

ATHLETICS (1 credit):

- H7279 Wrestling – Girls/Boys
- H7301 Freshmen Football
- H7310 Girls Softball
- H7311 Boys Freshmen Basketball
- H7315 Girls Freshmen Basketball
- H7321 Baseball I
- H7341 Tennis – Girls/Boys
- H7351 Golf – Girls/Boys
- H7361 Swimming – Girls/Boys
- H7365 Diving – Girls/Boys
- H7371 Girls Freshmen Volleyball
- H7390 Boys Soccer
- H7394 Girls Soccer

STUDENT LEADERSHIP (1 credit):

- H7501 JROTC 1 (satisfies PE credit)

P.E. (0.5 credit):

- H7207 Fitness Basics
- H7208 Outdoor Adventure
- H7209 Dynamic Cardio Training
- H7210 Individual Recreation Activities
- H7222 Team Recreation Activities

COMMUNICATION:

- H1703 Journalism I
- H1705 Broadcast Journalism
- H1720 Photo Journalism
- H1742 Adv Jrnlsm Digital Newspaper
- H1746 Adv Journalism I Yearbook
- H5820 Debate I

HEALTH (0.5 credit):

- H7101 Health

PE (0.5) & Health (0.5)

- H8801 Healthy Lifestyles

- H7402 Pep Squad (performance based & satisfies PE credit)
- H7273 Athletic Training – Girls/Boys (does not count for PE credit)