

GRADE 9

Summer I

- STEM Summer Program I experience for Rising 9th Graders Accepted into STEM Magnet School – 1/2 Weeks
 - Summer I Reading Assignment (*through Med Rounds 1 class*)

9th Grade

Fall Semester

| PD | A Day | B Day |
|------|--|---|
| 1-A1 | Medical Rounds Explorations I [BMAH] | BMAH U.S. History w/ Social Issues [BMAH] |
| 1-A2 | BMAH Foundations of Studio Art [BMAH] | |
| 2 | World Language II or III | Honors Algebra 1 or Honors Geometry |
| 3 | BMAH Honors Biology [BMAH] | BMAH/PLTW (Intro to) Engineering Design 1 [BMAH] |
| 4 | Honors English 9 w/ Integrated Humanities [BMAH] | Elective Period (Band, Orchestra, Chorus, AVID, etc.) |

9th Grade

Spring Semester

| PD | A Day | B Day |
|------|--|--|
| 1-A1 | Medical Rounds Explorations I [BMAH] | BMAH U.S. History w/ Social Issues [BMAH] |
| 1-A2 | BMAH Foundations of Studio Art [BMAH] | |
| 2 | World Language II or III | Honors Algebra 1 or Honors Geometry |
| 3 | BMAH Honors Biology [BMAH] | BMAH/PLTW (Intro to) Engineering Design 1 [BMAH] |
| 4 | Honors English 9 w/ Integrated Humanities [BMAH] | BMAH Fitness for Life [BMAH] |

GRADE 10

Summer II

- Summer Program II experience for Rising 10th Graders – 1 Week
- Summer II Reading Assignment (*through Med Rounds 2 class*)

10th Grade

Fall Semester

| PD | A Day | B Day |
|------|---------------------------------------|---|
| 1-A1 | Medical Rounds Explorations II [BMAH] | Honors US Government or AP US Government |
| 1-A2 | BMAH Studio Art: 2D [BMAH] | |
| 2 | World Language II/III/IV | Honors Geometry or Honors Algebra 2 |
| 3 | BMAH Honors Chemistry [BMAH] | BMAH Pathway Class I [BMAH] |
| 4 | Honors English 10 [BMAH] | Elective Period (Band, Orchestra, Chorus, AVID, etc.) |

10th Grade

Spring Semester

| PD | A Day | B Day |
|------|---------------------------------------|---|
| 1-A1 | Medical Rounds Explorations II [BMAH] | Honors US Government or AP US Government |
| 1-A2 | BMAH Health [BMAH] | |
| 2 | World Language II/III/IV | Honors Geometry or Honors Algebra 2 |
| 3 | BMAH Honors Chemistry [BMAH] | BMAH Pathway Class I [BMAH] |
| 4 | Honors English 10 [BMAH] | Elective Period (Band, Orchestra, Chorus, AVID, etc.) |

GRADE 11

Summer III

- Summer Program III experience for Rising 11th Graders – **24 Hours of Volunteer Service**
 - Summer III Reading Assignment (tentative)

11th Grade

Fall Semester

| PD | A Day | B Day |
|----|-----------------------------------|---|
| 1 | Honors or AP World History | Honors or AP Math III |
| 2 | World Language III/IV or Elective | STEM Pathway Class II [BMAH] |
| 3 | Honors or AP Science | <u>BLOCK SCHEDULED:</u> [BMAH] • Problem/Project Based Learning Explorations III: Community Challenge [STEM], STEM Policy [STEM], STEM Science Research 3 [STEM] |
| 4 | Honors or AP English 11 | |

11th Grade

Spring Semester

| PD | A Day | B Day |
|----|---|---|
| 1 | Honors or AP World History | Honors or AP Math III |
| 2 | World Language III/IV or Elective | STEM Pathway Class II [BMAH] |
| 3 | Honors or AP Science | Honor or AP English 11 |
| 4 | Elective Period (Band, Orchestra, Chorus, AVID, etc.) OR Addtl BMAH Pathway Class | BMAH Elective Period OR Additional BMAH Pathway Class |

- **Community Challenge** is BLOCK SCHEDULED in the same semester. It consists of two mandatory courses:
 - Project Based Learning III (PBL3)
 - STEM Policy
- Depending on the Pathway, some students may have more than one Elective option in the opposite semester

GRADE 12

Summer IV

- *STEM Summer Internship (135 hours COMPLETED Prior to the First Day of School Senior Year)*
 - *Summer IV Reading Assignment (tentative)*

12th Grade

Fall Semester

| PD | A Day | B Day |
|----|---------------------------------------|--|
| 1 | Honors or AP World History | Honors or AP Math IV (must take Calculus by end of Grade 12) |
| 2 | World Language IV or Elective | BMAH Capstone [BMAH] |
| 3 | AP Science or Honors Elective Science | Elective Period (Band, Orchestra, Chorus, AVID, etc.) |
| 4 | Honors or AP English 12 | BMAH Pathway Class [BMAH] OR Elective Period (Higher Ed, additional STEM Pathway Class etc.) |

12th Grade

Spring Semester

| PD | A Day | B Day |
|----|---------------------------------------|--|
| 1 | Honors or AP World History | Honors or AP Math IV (must take Calculus by end of Grade 12) |
| 2 | World Language IV or Elective | BMAH Capstone [BMAH] |
| 3 | AP Science or Honors Elective Science | Elective Period (Band, Orchestra, Chorus, AVID, etc.) |
| 4 | Honors or AP English 12 | BMAH Pathway Class [BMAH] OR Elective Period (Higher Ed, additional STEM Pathway Class etc.) |

- Students in the BioScience Pathway will be enrolled in 2 courses Senior Year
 - Medical Interventions
 - Biomedical Innovations
- Seniors are required to sit for an English, Math, and World History course.