



SOPHOMORE YEAR

FEBRUARY 2016

Sophomore Year

PD American Literature

PD Modern Language (French, German, Spanish)

PD Civics & Government*

*Blended model available

PD Biology

PD Chemistry*

*Blended model available

PD Mathematics (Algebra II or Math Analysis)

Health & Wellness II



Sophomore Year - Electives

Art in the 21st Century I or II

Recording Studio I or II

Computer Programming: JAVA

Engineering Technology

Communications Technology

Choir/Band/Music*

*Frequency of performance music depends on other electives chosen



GRADUATION CREDITS

Students will take close to or earn more than 7.0 credits during their junior and senior years.

Students will earn a minimum of 25.98 credits by graduation, exceeding the district's 24 credits required for graduation.

Students can earn a Downingtown diploma AND an IB Diploma. If the IB Diploma requirements are not met, students can earn an IB certificate that lists the content areas along with their Downingtown diploma.



STEM Academy Course Weighting

$$\text{GPA} = \frac{\text{Quality points earned upon the final course grade}}{\text{Total credits attempted}}$$

Pre Diploma level, Pathway, and IB Standard Level courses have an additional .50 weight. IB Higher Level Courses will have an additional 1.0 weight. [THIS MEANS THAT MOST COURSES AT STEM WILL RECEIVE THE EQUIVALENT OF HONORS OR AP WEIGHT]



NON-IB MUSIC COURSES

All Band, Orchestra, and Choir students must enroll in the Seminar only option in their Junior and Senior year.



Course Selection Process

eSchoolPlus+

District: Downingtown Area School District

Building: STEM Academy

Student Name: [REDACTED]

Daily Summary for Wednesday, January 30, 2013

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Today's Attendance

No attendance information has been entered for this student today.

Today's Schedule

Period	Course	Description	Teacher	Room
5 (07:25 AM - 09:00 AM)	S0234 - 3	Algebra II Grade 9/10	Cole, M	B211
6 (09:04 AM - 10:34 AM)	S0124 - 9	Civics and Government Gr 10	Wolf, Thomas	B215
7 (11:12 AM - 12:42 PM)	S4024 - 7	Chemistry Grade 10	McCafferty, Theresa	C221

Classwork For This Week

Course	Description	Teacher	Date Assigned	Date Due	Assignment
S0820 - 4	Health & Wellness II	Morrow, Elizabeth		01/29/2013	Cardio & Partner WOD



Course Selection Process - Important Dates

February 2nd: Presentation to all students during Advisory & Seminar

February 4th: Parent Presentation

February 8th - February 16th: Online Course Selection Window Opens

February 19th: Signed Course Selection sheets due to International Studies or Civics Teacher by this date. Sheets must be signed by a parent/guardian



Breakout Rooms - Q&A

Rm 009 (ground floor) – Visual Arts SL/HL, **Art in the 21st Century**

Rm 010 (ground floor) - Music SL/HL, **Recording Studio**

Rm 101 – English SL/HL

Rm 102 – History SL/HL

Rm 104 – French SL/HL

Rm 105 – Spanish SL/HL

Rm 106 – German SL/HL

Rm 109 – Psychology SL/HL; Economics SL/HL; ITGS SL/HL, **Blended Civics**

Rm 110 – Physics SL/HL; Biology SL/HL; Chemistry SL/HL; Environmental Science SL/HL, Health & Medicine Pathway; **Blended Chemistry**

Rm 112 - Theory of Knowledge

Rm 115 – Mathematics SL/HL/Studies; Further Mathematics HL

Knowledge Commons - All Pathways but Health & Medicine; Computer Science SL; Business Management SL/HL; Design Technology SL/HL; **Communications Technology, Engineering Technology, Computer Programming JAVA**

Auditorium - General IB Questions, Extended Essay, CAS

