STEM (Science, Technology, Engineering and Math) ENDORSEMENT
Class of 2018 & BEYOND FOUNDATION + ENDORSEMENT Graduation Requirements

Credits					
4.0	ENGLISH	Pre-AP ENGLISH 1	Pre-AP ENGLISH 2	Pre-AP ENGLISH 3	ADV ENGLISH
4.0	MATH	ALGEBRA 1	GEOMETRY	ALGEBRA 2	ADV MATH
4.0	SCIENCE	Pre-AP BIOLOGY	Pre-AP CHEMISTRY	ADV SCIENCE	ADV SCIENCE
3.0	SOC STUDIES (W Geo or W Hist, and US Hist, Govt and Econ)	AP HUMAN GEOGRAPHY	AP World History	US HISTORY	GOVERNMENT (0.5)
					ECONOMICS (0.5)
0.5	HEALTH	HEALTH (.5)			
1.0	PE	PE			
1.0	FINE ART	FINE ART			
2.0	LOTE	LANGUAGE 1	LANGUAGE 2		

A student may earn a STEM Endorsement by completing the Foundation requirements + one additional math + one additional science (including Algebra II, Chemistry and Physics) + 2 additional elective credits and completion of one of the following options:

G P C I

STEM ENDORSEMENT
Students may earn a STEM Endorsement by selecting and completing the requirements from among these options:

Option A	Option C	Option D	
CTE/PLTW	**Math**	**Science**	
A coherent sequence of four credits in CTE: 2 from same cluster & 1 advanced CTE Course	Take Algebra I, Geometry, Algebra 2 and 2 courses for which Algebra 2 is a prerequisite (including AP Computer Science).	Take Biology, Chemistry, Physics and 2 additional science credits from the following:	
Intro to Engieneering	Pre-Calculus	AP Biology	
Civil Engineering and Architecture	AP Calculus AB and AP Calculus BC	Principles of Engineering	
Digital Electronics	AP Statistics and/or Statistics	AP Chemistry	
Computer Intergrated Manufacturing	AP Computer Science		
Principals of Engineering			
Engineering Design and Development			
Biomedical Engineering			
Human Body Systems			

Option B	Option E
Computer Science	**Combination**
A coherent sequence of four credits in computer science selected from the following:	Take Algebra II, Chemistry, Physics AND 3 additional credits from no more than 2 of the areas listed in: Option A, Option B, Option C, & Option D
Computer Science Essentials	