SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

2018 & BEYOND FOUNDATION + ENDORSEMENT Graduation Requirements

CREDITS		9	10	11	12
4.0	ENGLISH	**ENGLISH I**	**ENGLISH II**	**ENGLISH III**	***ADV ENGLISH***
4.0	MATH	**ALGEBRA I**	**GEOMETRY**	**ALGEBRA II**	***ADV MATH***
4.0	SCIENCE	**BIOLOGY**	**CHEMISTRY**	***ADV SCIENCE***	***ADV SCIENCE***
3.0	SOCIAL STUDIES	**W GEO *or* W HISTORY**	**POLITICAL SCI *or* W HISTORY**	**US HISTORY**	**GOV'T/ECON**
0.5	HEALTH		***HEALTH (.5)***		
1.0	PE	**PE**			
1.0	FINE ARTS		***FINE ART***		
2.0	OTHER LANGUAGES	***LANGUAGE 1***	***LANGUAGE 2***		
6.5	ELECTIVES	Elective credits must be selected from any state approved course for which a student may receive credit and does not satisfy a specific course requirement.			
26.0		**Electives that satisfy endorsment requirements must be selected from the options listed below.**			

STEM ENDORSEMENT

Students may earn a STEM endorsement by selecting and completing the requirements from among these 5 options:

OPTION 1	OPTION 2	OPTION 3	OPTION 4	OPTION 5
Computer Science	CTE	Math	Science	Combination
Earn 4 credits in computer science:	Earn 4 CTE credits by taking at least 2 courses in the same cluster that lead to a final advanced course in the STEM cluster. Courses may be selected from:	Take Algebra I, Geometry, and Algebra II AND 2 courses for which Algebra II is a prerequisite	Take Biology, Chemistry, Physics and 2 of the following:	Take Algebra II, Chemistry, Physics AND 3 additional credits from Option 1 Option 2, Option 3 and/or Option 4
		AQR	Aquatic Science	
Not Available	Concepts of Enginerring and Technology	AP Calculus AB	Astronomy	
	Engineering Design and Presentation	AP Calculus BC	AP Biology	
	Advanced Engineering Design and Presentation	AP Computer Science	AP Chemistry	
	Practicum in STEM	PreCalculus	Anatomy & Physiology	
		AP Statistics	AP Environmental Science	
			Environmental Systems	
			AP Physics C	
			AP Physics I	
			AP Physics II	
			Medical Microbiology	
			Pathophysiology	
			Principles of Engineering	
			Scientific Research and Design	