Curriculum and Academic Rigor
STEM

1. T-STEM Campus Name - Ball High School - Biomedical and STEM Communities					2. College Partner Name - Galveston College		
3. BHS Campus Number 409-766-5700					Course are taught by BHS and GC staff		
	PEIMS Course #	Course Abbreviation	High School Course Name	High School Credits	Texas Common Course Numbering System Number	College Course Name	College Hours
8TH GRADE							
	3100500	ALG 1	Algebra 1*	1			
	N1303756	GTT1	Gateway to Technology (PLTW)*	0.5			
	N1303757	GTT2	Gateway to Technology (PLTW)*	0.5			
	3010200	BIO	Biology*	1			
			Foreign Language *	1			
9TH GRADE							
1	3220107	ENG 1	English 1 PAP	1			
2	3100700	GEOM	Geometry PAP	1			
3	3040000	CHEM	Chemistry PAP	1			
4	3340100	US HIS	US history PAP	1			
5	N1303742	IED	Intro to engineering	1			
6			Foreign Language	1			
7			PE	1			
8			Fine Art				
10TH GRADE							
1	3220207	ENG 2	English 2 PAP	1			
2	310060	ALG 2	Algebra 2 PAP	1			
3	A3040000	APCHEM	AP Chemistry	1			
4	A3360100	APHUMGEOW	AP Human Geography	1			
5	13037500	ENGSCIEN	Principals of engineering	1			
6			Elective				
7			Elective				
8			Elective				
11TH GRADE							
1	A3220100	APENGLANG	English 3 AP (AP English LA and Comp DC)	0.5	ENGL1301	English Comp and Rhetoric 1	3
				0.5	ENGL1302	English Comp and Rhetoric 2	3
2	3102500	INSTUMTH	College Algebra DC	0.5	MATH 1314	College Algebra	3
			PreCalculus DC	0.5	MATH 2312	Pre-Calculus	3
3	A305004	APPHYS1	AP Physics 1	1			
4	A3330100	APUSGOVT	DC US Government	0.5	GOVT 2305	Governemnt	3
	A3310200	APMACECO	AP Macroeconomics	0.5			
5	3500110	ART1APP	Art 1 Appreciation DC	0.5	ARTS 1301	Art Appreciation	3
	13009900	PROFCOMM	Business Speech DC	0.5	SPCH 1321	Business Comm	3
6 Pick one of these STEM electives	N1303745	AERO	Aerospace Engineering (PLTW)	1			
	N1303747	CEA	Civil Engineering and Arcitecture (PLTW)	1			
7			Elective				
8			Elective				
12TH GRADE							
1	A3220200	APENGLIT	English 4 AP (Comp 1 & 2)	0.5	ENGL 2332	British Lit 1	3
				0.5	ENGL 2333	British Lit 2	3
2	A3100101	APCALCAB	Calculus AB	1	MATH 2413	Calculus 1	3
	A3100102	APCALCBC	Calculus BC	1	MATH 2414	Calculus 2	3
3	A3050004	APPHYS2	AP Physics 2	1			
4	A3340100	APUSHIST	US History DC	0.5	HIST1301	US History 1	3
				0.5	HIST 1302	US History 2	3
5	N1303749	EDD	Engineering Design and Development	1			
6			Elective				
7			Elective				
8			Elective				

*It is not required to take these courses in 8th grade. Graduation Plan will be individualized based on student.