

Space & Engineering Academy Four Year Plan					
Name:				Year of Graduation:	
SEA Counselor:		Ms. Sharma		Date:	
Plan After High School				Career Goal	
		Four-Year College Direct ()		Student's Choice:	
		Community College ()			
		Technical School ()		Parent's Choice:	
		Military ()			
Academy Engineering Pathway					
		Engineering Pathway Graduate			
		Engineering Pathway w/Honors			
<i>Both options meet graduation requirements and college entry requirements.</i>					
Grade 9 - Freshman			Grade 11 - Junior		
1	Academy English 9		1	Academy English 11 (or AP Engl Lang)	
2	Math -		2	Math -	
3	Academy Physics		3	Academy Enhanced Chemistry	
4	Core 9 PE		4	US History (or AP)	
5			5	Engineering Design	
6			6		
other			other		
Grade 10 - Sophomore			Grade 12 - Senior		
1	Academy English 10		1	Academy English 12 (or AP Engl Lit)	
2	Math -		2	Math -	
3	Academy Enhanced Biology		3	Sr Science -	
4	World History (or AP)		4	Government/Econ (or AP)	
5	PE		5		
6			6		
other			other		
Required Engineering Pathway Courses			Mathematics Course Sequence		
First Modern Language Course			Strong Math Skills		Basic Math Skills
Second Modern Language Course					
UC Visual & Performing Arts Course			Algebra 1		Algebra 1
Senior Science Courses			Geometry		Geometry
Product Design, Enhanced Physics, AP Physics 1, AP Physics C (requires Calculus), AP Chemistry, AP Biology			Advanced Algebra 2		Algebra 2 or Advanced Algebra 2
			AP PreCalculus		
SEA Graduate with Honors			AP Calculus AB, AP Calculus BC, AP Statistics, AP Computer Science		Advanced Math
Meet all SEA Graduate requirements					AP PreCalculus
Have cumulative G.P.A. of 3.75 or better					AP Calculus AB, AP Statistics, AP Computer Science
Four teacher recommendations					