## Science Pathway

	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade		
	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework		
				(Skyline HS)	(Skyline HS)	(Skyline HS)	(Skyline HS)		
	Reading 6 or Pre-AP	Reading 7 or Pre-AP	Reading 8 or Pre-AP	English I (Pre-AP)	English II (Pre-AP)	English III/AP	English IV/AP		
	Math 6 or Pre-AP	Math 7 Pre-AP	Algebra I	Geometry Pre-AP	Algebra II	Pre-Calculus	Calculus AP/AQR		
CORE CLASSES	Science 6 or Pre-AP	Science 7 Pre-AP	Physics Physics	Biology Pre-AP	Chemistry Pre-AP	AP Physics I	(Choice of Three)		
	W. Cultures or Pre-AP	TX Studies or Pre-AP	US History or Pre-AP	W. Geo (Pre-AP)	W. History (Pre-AP)	US History (Pre-AP)	Gvt/Econ (Pre-AP)		
	PE or Dance or LCC	PE or Dance or LCC	PE or Dance or LCC						
REQUIRED CLASSES		CCR (can skip w/ AVID)	Health 8	Required Classe	s & Elective Courses a	re based on the select	e selected Science Pathway		
				•	line High School.	·			
				Options include:  National Academy Foundation (NAF)- Academy of Health Science (includes PLTV Skyline Advanced Science Program					
	Theater I	Gateway to Tech II	Gateway to Tech III						
ADDITIONAL	Choir 6	Lifetime & Nutrition	(PLTW)						
ELECTIVES	Band (must audition)	AVID 7 (replaces CCR)	Gateway to Tech IV	Skyline Advanced	Science Program				
(Must choose one to	AVID 6	7.7	(PLTW)						
reach eight credits per	Art I & Tech Apps	7							
semester)	(Bundled Courses)								
			The state of the s						

#### Possible HS Credits: 4

- Gateway to Tech II (PLTW)- 0.5
- Gateway to Tech III (PLTW)- 0.5
- Gateway to Tech IV (PLTW)- 0.5
- Lifetime Wellness & Nutrition- 0.5
- Algebra I- 1
- Physics- 1



### **Technology Pathway**

	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade		
	Coursework	Coursework	Coursework	Coursewo	Coursework	Coursework	Coursework		
			5-	rk (Skyline	(Skyline HS)	(Skyline HS)	(Skyline HS)		
		7 /		HS)					
	Reading 6 or Pre-AP	Reading 7 or Pre-AP	Reading 8 or Pre-AP	English	English I/(Pre-AP	English III/AP	English IV/AP		
	Math 6 or Pre-AP	Math 7 or Pre-AP	Math 8 or Algebra I	I/Pre-AP	Geometry	Algebra II	Precalculus		
CORE CLASSES	Science 6 or Pre-AP	Science 7 or Pre-AP	Science 8 or Physics	Algebra I	Chemistry/Pre-AP	Physics/Pre-AP/AP	(Choice of Three)		
	W. Cultures or Pre-AP	TX Studies or Pre-AP	US History or Pre-AP	Biology/Pre-	W. History/Pre-AP	US History (Pre-AP)	Gvt/Econ (Pre-AP)		
				AP					
				W. Geo/Pre-					
	DE au Danas au LCC	PE & CCR	PE & Health 8	AP					
REQUIRED CLASSES	PE or Dance or LCC	(If LCC or Dance, select	(If LCC or Dance, select						
REQUIRED CLASSES		ONE elective below)	ONE elective below)	Required C	elected Technology				
	Theater I	Intro to Programming	Gateway to Tech V	Pathway offered at Skyline High School.					
AVAILABLE PATHWAY	Choir 6	Intro/Adv Robotics	Principles of IT	Options include:  National Academy Foundation (NAF)- Academy of Information Technology  Skyline Advanced Technology Pathways					
ELECTIVES	Band (must audition)	Gateway to Tech II							
(Must choose one to	AVID 6	Tech Apps (if not taken							
reach eight credits per	Art I & Tech Apps	6th grade)							
semester)	(Bundled Courses)								

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#### **Possible HS Credits: 3.5**

- Gateway to Tech II (PLTW)- 0.5
- Gateway to Tech V (PLTW)- 0.5
- Principles of IT- 0.5
- Algebra I- 1
- Physics- 1



# **Engineering Pathway**

	Cth Cuada	7th Cuada	Oth Cuada	Oth Crede	10th Crade	11th Cuada	12th Canada	
	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	
	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework	
				(Skyline HS)	(Skyline HS)	(Skyline HS)	(Skyline HS)	
	Reading 6 or Pre-AP	Reading 7 or Pre-AP	Reading 8 or Pre-AP	English I/Pre-AP	English I/(Pre-AP	English III/AP	English IV/AP	
	Math 6 or Pre-AP	Math 7 or Pre-AP	Math 8 or Algebra I	Algebra I	Geometry	Algebra II	Precalculus	
CORE CLASSES	Science 6 or Pre-AP	Science 7 or Pre-AP	Science 8 or Physics	Biology/Pre-AP	Chemistry/Pre-AP	Physics/Pre-AP/AP	(Choice of Three)	
	W. Cultures or Pre-AP	TX Studies or Pre-AP	US History or Pre-AP	W. Geo/Pre-AP	W. History/Pre-AP	US History (Pre-AP)	Gvt/Econ (Pre-AP)	
	PE or Dance or LCC	PE & CCR	PE & Health 8	Required Classes & Elective Courses are based on the selected Technology				
REQUIRED CLASSES		(If LCC or Dance, select	(If LCC or Dance,					
		ONE elective below)	select ONE elective	·	J.			
			below)	Pathway offered at Skyline High School. Options include: National Academy Foundation (NAF)- Academy of Engineering Skyline Advanced Technology Pathways				
	Theater I	Gateway to Tech I	Gateway to Tech III					
ADDITIONAL	Choir 6	(PLTW)	(PLTW)					
ELECTIVES	Band (must audition)	Gateway to Tech II	Gateway to Tech IV					
(Must choose one to	AVID 6		(PLTW)					
reach eight credits per	Art I & Tech Apps	1						
semester)	(Bundled Courses)							

#### Possible HS Credits: 4

- Gateway to Tech I (PLTW)- 0.5
- Gateway to Tech II (PLTW)- 0.5
- Gateway to Tech III (PLTW)- 0.5
- Gateway to Tech IV (PLTW)- 0.5
- Algebra I- 1
- Physics- 1



## Arts Pathway

	-41		- ab	- ab					
	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade		
	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework		
				(Skyline HS)	(Skyline HS)	(Skyline HS)	(Skyline HS)		
	Reading 6 or Pre-AP	Reading 7 or Pre-AP	Reading 8 or Pre-AP	English I/Pre-AP	English I/(Pre-AP	English III/AP	English IV/AP		
	Math 6 or Pre-AP	Math 7 or Pre-AP	Math 8 or Algebra I	Algebra I	Geometry	Algebra II	Precalculus		
CORE CLASSES	Science 6 or Pre-AP	Science 7 or Pre-AP	Science 8 or Physics	Biology/Pre-AP	Chemistry/Pre-AP	Physics/Pre-AP/AP	(Choice of Three)		
	W. Cultures or Pre-AP	TX Studies or Pre-AP	US History or Pre-AP	W. Geo/Pre-AP	W. History/Pre-AP	US History (Pre-AP)	Gvt/Econ (Pre-AP)		
	PE or Dance or LCC	PE & CCR	PE & Health 8						
REQUIRED CLASSES		LCC or Dance available	LCC or Dance	Required Classes & Elective Courses are based on the selected Technology					
			available	·	<i>.</i>				
	Theater I	Theater II	Theater III	Pathway offered at Skyline High School.  Options include:  Skyline Collegiate Academy- AA degree in Fine Arts or Music Production (Cedar					
ADDITIONAL	Choir 6	Advanced Choir	Advanced Choir						
ELECTIVES	Band (must audition)	Advanced Band	Advanced Band	Valley) Skyline Radio, Television, and Film Magnet					
(Must choose one to	AVID 6	Art II Studio/Semester	Art III Studio						
reach eight credits per	Art I & Tech Apps	Lifetime & Nutrition	*If in LCC/Dance,						
semester)	(Bundled Courses)	*If in LCC/Dance, must	<mark>must take a</mark>						
		take Art II Semester &	semester of Health 8						
		<b>CCR</b>	& return to Fine Art						
			<mark>Class.</mark>						

#### **Possible HS Credits: 2.5**

- Lifetime Wellness & Nutrition- 0.5
- Algebra I- 1
- Physics- 1



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### **Math Pathway**

	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade		
	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework	Coursework		
				(Skyline HS)	(Skyline HS)	(Skyline HS)	(Skyline HS)		
CORE CLASSES	Reading 6 or Pre-AP Math 6 Pre-AP Science 6 Pre-AP W. Cultures or Pre-AP	Reading 7 or Pre-AP Math 7 Pre-AP Science 7 Pre-AP TX Studies or Pre-AP	Reading 8 or Pre-AP Algebra I Physics US History or Pre-AP	English I (Pre-AP) Geometry Pre-AP Biology Pre-AP W. Geo (Pre-AP)	English II (Pre-AP) Algebra II Chemistry Pre-AP W. History (Pre-AP)	English III/AP Pre-Calculus AP Physics I US History (Pre-AP)	English IV/AP Calculus AP/AQR (Choice of Three) Gvt/Econ (Pre-AP)		
REQUIRED CLASSES	PE or Dance or LCC	PE & CCR LCC or Dance available	PE & Health 8 LCC or Dance available	Required Classes & Elective Courses are based on the selected Technology  Pathway offered at Skyline High School.					
ADDITIONAL ELECTIVES (Must choose one to reach eight credits per	Theater I Choir 6 Band (must audition) AVID 6 Art I & Tech Apps (Bundled Courses)	Gateway to Tech I (PLTW) Gateway to Tech II Lifetime Wellness & Nutrition	Gateway to Tech IV Gateway to Tech V *If in LCC/Dance, must take a semester of Health 8.	Options include: <u>Skyline Advanced Mathematics Pathway</u>					
semester)	(Bulluleu Courses)	*If in LCC/Dance, must take one elective & CCR							

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#### **Possible HS Credits: 4.5**

- Gateway to Tech I (PLTW)- 0.5
- Gateway to Tech II (PLTW)- 0.5
- Gateway to Tech IV (PLTW)- 0.5
- Gateway to Tech V (PLTW)- 0.5
- Lifetime Wellness & Nutrition- 0.5
- Algebra I- 1
- Physics- 1

