

Science Pathway

	6 th Grade Coursework	7 th Grade Coursework	8 th Grade Coursework	9 th Grade Coursework (Skyline HS)	10 th Grade Coursework (Skyline HS)	11 th Grade Coursework (Skyline HS)	12 th Grade Coursework (Skyline HS)
CORE CLASSES	Reading 6 or Pre-AP Math 6 or Pre-AP Science 6 or 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 or Dance or LCC CCR (can skip w/ AVID)	PE or Dance or LCC Health 8	Required Classes & Elective Courses are based on the selected Science Pathway offered at Skyline High School. Options include: National Academy Foundation (NAF)- Academy of Health Science (includes PLTW) Skyline Advanced Science Program			
ADDITIONAL ELECTIVES (Must choose one to reach eight credits per semester)	Theater I Choir 6 Band (must audition) AVID 6 Art I & Tech Apps (Bundled Courses)	Gateway to Tech II Lifetime & Nutrition AVID 7 (replaces CCR)	Gateway to Tech III (PLTW) Gateway to Tech IV (PLTW)				

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

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

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

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

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

Possible HS Credits: 2.5

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



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Math Pathway

	6 th Grade Coursework	7 th Grade Coursework	8 th Grade Coursework	9 th Grade Coursework (Skyline HS)	10 th Grade Coursework (Skyline HS)	11 th Grade Coursework (Skyline HS)	12 th Grade Coursework (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 <i>(Choice of Three)</i> Govt/Econ (Pre-AP)
REQUIRED CLASSES	PE or Dance or LCC	PE & CCR <i>LCC or Dance available</i>	PE & Health 8 <i>LCC or Dance available</i>	Required Classes & Elective Courses are based on the selected Technology Pathway offered at Skyline High School. Options include: Skyline Advanced Mathematics Pathway			
ADDITIONAL ELECTIVES <i>(Must choose one to reach eight credits per semester)</i>	Theater I Choir 6 Band <i>(must audition)</i> AVID 6 Art I & Tech Apps (Bundled Courses)	Gateway to Tech I (PLTW) Gateway to Tech II Lifetime Wellness & Nutrition <i>*If in LCC/Dance, must take one elective & CCR</i>	Gateway to Tech IV Gateway to Tech V <i>*If in LCC/Dance, must take a semester of Health 8.</i>				

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

