

Middle School Program of Studies

6th Grade

Integrated Science
Academic or Compacted Math
Social Studies
ELA
STEAM Expeditions
Music Elective (Performing Groups & General)
Art
PTLW Computer Science for Innovators and Makers
Physical Education and Health

7th Grade

Integrated Science
Academic or Compacted Math
Social Studies
ELA
STEAM Expeditions
Music Elective (Performing Groups & General)
Art
PTLW Design and Modeling
Physical Education and Health

8th Grade

Integrated Science
Academic Math or Algebra I
Social Studies
ELA
STEAM Expeditions
Music Elective (Performing Groups & General)
Art
PTLW Automation and Robotics/App Creators
Physical Education and Health

High School Program of Studies

Science

Academic and Honors Biology (1.0)
Academic and Honors Chemistry (1.0)
Academic and Honors Physics (1.0)
Applied Science and Engineering Research (1.0)
ECE and Advanced Placement Sciences (1.0)

Mathematics

Academic and Honors Algebra I (1.0)
Academic and Honors Algebra II (1.0)
Academic and Honors Geometry (1.0)
Academic and Honors Precalculus (1.0)
Honors ECE Calculus (1.0)
Academic and Honors Statistics and Probability (1.0)

Humanities

Academic and Honors Humanities 9 (2.0)
Academic and Honors English 10 (1.0)
Academic and Honors Civics (1.0)
Academic American Studies (2.0)
AP English Language and Composition (1.0)
AP US History (1.0)
Capstone Research and Technical Writing (1.0)
Personal Finance (0.5)

World Language

Spanish I (1.0)
Spanish I for Heritage Speakers (1.0)
Spanish II (1.0)
Spanish II for Heritage Speakers (1.0)

Physical Education & Health

Physical Education (1.0)
Health I (0.5)
Health II (0.5)

Engineering & Biomedical Science

PLTW Introduction to Engineering (1.0)
PLTW Principles of Engineering (1.0)
PLTW Principles of Biomedical Science (1.0)
PLTW Computer Science Principles (1.0)
PLTW Environmental Sustainability (1.0)
PLTW Human Body Systems (1.0)

Music

Band (1.0)
Chorus (1.0)
Orchestra (1.0)
Music Technology (0.5)

Fine Arts

Studio Art I (0.5)
Studio Art II (0.5)
Sculptural Art (0.5)
Ceramics (0.5)

Integrated STEAM Classes

Technical Theater Design (0.5)
Broadcast Journalism (0.5)
Technical Theater Design (0.5)
Digital Photography (0.5)
Communication Design (0.5)
Yearbook/Book Publication (1.0)

Competencies

Digital Portfolio Demonstration
Portrait Rubric Indicator Proficiency
Capstone Experience (1.0)



25 credits required for graduation: 4 credits of science, 4 credits of math, 7 credits of humanities, 5 credits of STEAM, 1 credit of PE; 1 credit of health; 2 credits of world language, 1 credit capstone; competency requirements.