



STEM Academy Kenwood High School



STEM EDUCATION

STEM I Foundation
STEM II Applications
STEM III: STEM In Context
STEM Practicum

9th

English I
Geometry or Algebra 1
Biology or Physical Science
World History
*** STEM I Foundation**
Lifetime Wellness
Fine Art
Elective

10th

English II
Algebra II or Geometry
Chemistry or Biology
Foreign Language I
*** STEM II Applications**
Government & PE I
Elective

11th

English III
Pre-Calculus or Algebra II
Physics, DE Biology, or Chemistry
US History
*** STEM III: STEM In Context**
Foreign Language II
Elective

12th

English IV
AP Calculus or Statistics
Upper Level Science
Economics/ Personal Finance
*** STEM Practicum or Scientific Research**
Electives (2)

MECHATRONICS

STEM I Foundation
STEM II Applications
Mechatronics I
Mechatronics II

9th

English I
Geometry or Algebra 1
Biology or Physical Science
World History
*** STEM I Foundation**
Lifetime Wellness
Fine Art
Elective

10th

English II
Algebra II or Geometry
Chemistry or Biology
Foreign Language I
*** STEM II Applications**
Government & PE I
Elective

11th

English III
Pre-Calculus or Algebra II
Physics, DE Biology, or Chemistry
US History
*** Mechatronics I (2)**
Foreign Language II

12th

English IV
AP Calculus or Statistics
Upper Level Science
Economics/ Personal Finance
*** Mechatronics II (2)**
Elective

For more information, visit <http://www.cmcss.net/schools/academies.aspx>

Students who complete Algebra 1 during the 8th grade, will be enrolled in Geometry and other honors level classes. Students needing Algebra 1 for high school credit will have a traditional schedule, but with the bonus of the integrated core and STEM classes.