

Science, Technology, Engineering & Math (STEM)

*CTE Programs of Study and Course Descriptions are located within the Career and Technical Education tile

Cybersecurity*

Programming and Software Development*

Engineering*

Science (non-CTE Program of Study)

*Course descriptions are located within the KISD Courses tile, under Science

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Biology*	Biology (1 credit)	Chemistry (1 credit) <i>Prerequisite: 1 Science and Algebra I</i>	Physics (1 credit) AND Anatomy and Physiology (1 credit) <i>Prerequisite: 2 credits in science</i>	AP Biology (1 credit) <i>Prerequisite: 3 credits in science</i>
Chemistry*	Biology (1 credit)	Chemistry (1 credit) <i>Prerequisite: 1 Science and Algebra I</i>	Physics (1 credit) AND AP Biology (1 credit) <i>Prerequisite: 2 credits in science</i>	AP Chemistry (1 credit) <i>Prerequisite: 3 credits in science</i>
Environmental Science*	Biology (1 credit)	Chemistry (1 credit) <i>Prerequisite: 1 Science and Algebra I</i>	Physics (1 credit) AND Aquatic Science (1 credit) <i>Prerequisite: 2 credits in science</i>	Environmental Systems (1 credit) OR AP Environmental Science (1 credit) <i>Prerequisite: 3 credits in science</i>
Physics*	Biology (1 credit)	Chemistry (1 credit) AND AP Physics I (1 credit)	AP Physics II (1 credit) <i>Prerequisite: Physics I and Pre-Cal</i>	AP Physics C: Electricity and Magnetism (1 credit) OR

		<i>Prerequisite: 1 Science and Algebra I</i>		AP Physics C: Mechanics (1 credit) <i>Prerequisite: Physics I and Pre-Cal</i>
Space Science*	Biology (1 credit)	Chemistry (1 credit) <i>Prerequisite: 1 Science and Algebra I</i>	Physics (1 credit) AND Earth Systems Science (1 credit) <i>Prerequisite: 2 credits in science</i>	Astronomy (1 credit) <i>Prerequisite: 3 credits in science</i>

Math (non-CTE Program of Study)

Course descriptions are located within the KISD Courses tile, under Math

Program of Study Course Sequence	9th Grade	10th Grade	11th Grade	12th Grade
Math*	<u>Required</u> Algebra I, Geometry, and Algebra II		<u>PICK TWO:</u> Precalculus, Statistics, Calculus, Linear Algebra and Multivariable Calculus <i>Choose the appropriate level and check prerequisites.</i>	