

HIGH SCHOOL STEM GO BEYOND



4 high schools. 4 years. 4 pathways. 4 ALL.



#KISD4STEM
254.336.7836

<https://www.kisd4stem.org>





Sci·ence

The intellectual, and practical activity encompassing the systematic study of the structure, and behavior of the physical, and natural world through observation, and experiment.

- Science Associate Degree Pathways - STEM 60:**
 - Associate of Arts Degree with an emphasis in Human Biology
 - Associate of Arts Degree with an emphasis in Organismal Biology
 - Associate of Arts Degree with an emphasis in Chemistry
 - Associate of Arts Degree with an emphasis in Environmental Science
- Science Pathway Core Complete - STEM 42**
- Science Up to 30 College Hours - STEM 30**
- STEM CTE Science**
 - Renewable Energy Cluster



Tech·nol·ogy

The branch of knowledge that deals with the creation and the application of technical means and its interrelation with life, society, and the environment, drawing upon such subjects as industrial arts, engineering, applied science, and pure science.

- Technology Associate Degree Pathway - STEM 60:**
 - Associate of Arts Degree with an emphasis in Computer Science
- Technology Pathway Core Complete - STEM 42**
- Technology Pathway up to 30 College Hours - STEM 30**



En·gi·neer·ing

The branch of science and technology concerned with the application of mathematics, science, economics, and social and practical knowledge to invent, innovate, design, build, maintain, research, and improve structures, machines, tools, and systems.

- Engineering Associate Pathway - STEM 60:**
 - Associate of Arts Degree with an emphasis in Engineering
- Engineering Core Complete - STEM 42**
- Engineering Pathway up to 30 College Hours - STEM 30**
- STEM CTE Engineering**
 - Engineering Cluster
 - Robotics Cluster



Math·e·mat·ics

Mathematics is the science that deals with the logic of shape, quantity, and arrangement using processes, rules, and symbols.

- Mathematics Associate Degree Pathway - STEM 60:**
 - Associate of Arts Degree with an emphasis in Mathematics
- Mathematics Pathway Core Complete - STEM 42**
- Mathematics Pathway up to 30 College Hours - STEM 30**