



# Academy of STEM

|                           | ENGLISH*              | MATH*                | SCIENCE*                    | SOCIAL STUDIES*                                       | PATHWAY REQUIREMENTS                        | ACADEMY EXPERIENCES   |
|---------------------------|-----------------------|----------------------|-----------------------------|---|---|---|
| 9 <sup>TH</sup> GRADE     | English 9*<br>200005  | Algebra I*<br>210005 | Physical Science*<br>220051 | World History*<br>230013                              | Career Preparedness<br>PE                   | Career Preparedness Activities<br>Guest Speakers<br>Public Speaking Activities<br>Join Career & Technical Student Organization (TSA)<br>Robotics Team<br>Jubilee BEST Competition<br>Field trips/Tours<br>Field Experience(s)<br>Internship(s)<br>Job Shadowing<br><br>*Core subjects are required and available in Honors and AP levels. |
| 10 <sup>TH</sup> GRADE    | English 10*<br>200009 | Geometry*<br>210010  | Biology*<br>220011          | U.S. History to 1877*<br>230016                       | Intro to Engineering<br>560015              |   |
| 11 <sup>TH</sup> GRADE    | English 11*<br>200013 | Math Elective*       | Science Elective*           | U.S. History 1877 to Present*<br>230019               | Principles of Engineering<br>560016         |   |
| 12 <sup>TH</sup> GRADE    | English 12*<br>200017 | Math Elective*       | Science Elective*           | American Government/<br>Economics*<br>230041 / 230051 | Computer Integrated Manufacturing<br>560021 |   |
| Assessments & Credentials | Autodesk Inventor     |                      |                             |   | Recommended Electives<br>Intro to Robotics  |   |