Each student will graduate prepared to lead a rewarding, responsible life as a contributing member of our community and greater society.

School Mission

Each student will graduate prepared to lead a rewarding, responsible life as a contributing member of our community and greater society.

School Description

Tesla STEM High School is a science, technology, engineering and mathematics high school that uses problem-based learning to prepare students for future STEM professions. Students conduct research in STEM Lab Concentrations. They investigate real world problems. Students bring research and debate into the equation while working towards viable resolutions. Students enroll in, on average, six Science courses and four Math courses for the duration of their high school years. Engineering and Technology is integrated into all grade level classes throughout their four years at Tesla STEM.

A key academic feature frames the first two years of a student’s experience at STEM. Students are immersed in an integrated Science, Engineering, and Humanities sequence. The focus is on the students’ development of multiple skills, including conducting authentic research, working with primary source documents and developing scientific investigations. Students also learn to understand and apply the engineering design process. They collaboratively work in the Problem-Based Learning environment.

2016-17 School Goals

- Literacy: 97% of students will correctly site resources in APA format
- Math: 90% of students at standard
- Science: 100% of Juniors will demonstrate understanding and use of engineering design process and authentic research
- Achievement gap: 95% of students qualifying for special education at standard in ELA, Social Studies classes and RTI
- On-Track Credits: Increase on-track credit completion to 95%
- College & Career Readiness: All Juniors will successfully participate in a group project in their signature lab
- Attendance: Decrease 1st period absences to 5%
- Discipline: Gather data on instances of plagiarism in ELA and Social Studies to act as a base line for future interventions.
State Assessment Results

**Smarter Balanced Assessment (SBA)**

- **11th Grade English Language Arts**
  - School: 91, 87
  - District: 76, 87
  - State: 74, 74
  - (2015-16, 2016-17)

- **11th Grade Math**
  - School: 93
  - District: 6, 22
  - State: Suppressed
  - (2015-16, 2016-17)

**End of Course (EOC)**

- **10th Grade Biology**
  - School: >95, 93
  - District: 72, 72
  - State: 72, 72
  - (2015-16, 2016-17)

**ACT**

- **Math Mean**
  - School: 675
  - District: 598
  - State: 531
  - (2016-17)

**SAT**

- **ERW Mean**
  - School: 657
  - District: 600
  - State: 536
  - (2016-17)

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**Student Demographics**

- **Male**
- **Female**
- **Hispanic/Latino**
- **American Indian/Alaskan Native**
- **Asian**
- **Black/African American**
- **Native Hawaiian/Other Pacific Islander**
- **White**
- **Two or More Races**
- **Free/Reduced Meals**
- **Special Education**
- **Transitional Bilingual**

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**Accountability of School Performance**

Met Participation Goal for ELA: Yes
Met Participation Goal for Math: No

**School Building**

Our school facilities are available for public use by contacting our school office.

Building Condition Assessment: Good

The Building Condition Assessment represents an overall permanent building condition assessment. It is conducted by a third party in accordance with the state’s Asset Preservation Program.

To view state test scores by demographic group, please visit: http://reportcard.ospi.k12.wa.us. Select Lake Washington School District, then elect the school.

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Goal 5 in the district’s Strategic Plan is to “Engage our Communities.” Families and community members are encouraged to participate in our school. Volunteers are trained and work in a variety of positions. To get involved, call our school office.