

# Tesla STEM High School Annual Report – 2024-25

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425-936-2770 | [tesla.lwsd.org](https://tesla.lwsd.org)



**Principal:** Amie Karkainen  
**Associate Principal (2025-26):** Dana Bailey  
**Colors:** Green and Blue

**# of students, October 2024:** 609  
**# of teachers:** 34  
**Teachers with at least a Master's Degree:** 85.3%  
**Student regular attendance rate:** 89.4%  
**4-year graduation rate (class of 2025):** 97.8%

## District Mission

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

## School Mission

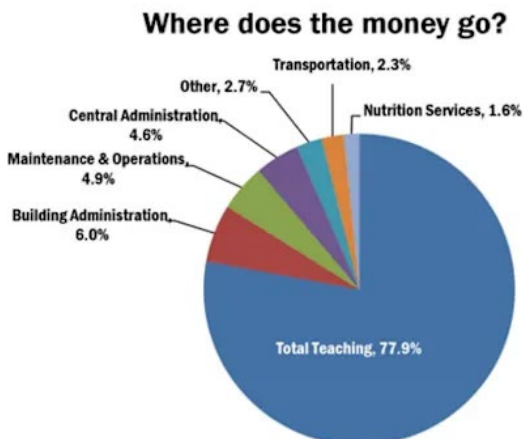
*Each student will graduate prepared to lead a rewarding, responsible life as a contributing member of our community and greater society.*

## School Funding

**District General Fund Budget:** \$602.5 million  
**District Per Pupil Expenditure:** \$18,815.21 per pupil  
**Building Budget for this school:** \$160,683

## 2024-25 District Expenditures

*Where does the money go?*



## 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, investigate real world problems, and 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 are integrated into all grade level classes throughout a student's four years at Tesla STEM. During the first two years of a student's experience at STEM, students are immersed in an integrated Science, Engineering, and Humanities sequence where the focus is on the students' development of multiple skills, including conducting authentic research, working with primary source documents, developing scientific investigations, understanding and applying the engineering design process, collaboratively working in the Problem-Based Learning environment, developing digital literacy, and expanding critical thinking skills. As a critical component in STEM education, students work in a STEM Lab Concentration and/or STEM Pathway in their Junior and Senior years, conducting inquiry and research, exploring questions of their own, and championing their own ideas to the level of publication and/or production. The STEM Lab Concentrations and STEM Pathways continue to address the United Nations Sustainable Development Goals to support a bright and sustainable future on a global scale.

## 2024-25 School Goals

### English Language Arts/Literacy (Grade 11):

By the end of the year, our students will earn a mean score of 4 or higher on the AP exam Synthesis Essay.

### Mathematics (Grades 9-12):

By the end of the year, our students will earn a mean score of 4 or higher on the AP exam Synthesis Essay.

### Social and Emotional (Grades 9-12):

Improve students' sense of belonging as measured through Panorama survey data.

### Attendance (Grades 9-12):

Identify and support students that are at risk of being chronically absent (absent for 10% or more days of the school year).

## State Assessment Results

### Smarter Balanced Assessment (SBA)<sup>+</sup>

#### English Language Arts (ELA) SBA results by grade and year (School, District, State)

High School			
Year	School	District	State
2023-24	95	82	60
2024-25	93	81	59

#### Math SBA results by grade and year (School, District, State)

High School			
Year	School	District	State
2023-24	88	64	30
2024-25	93	66	31

#### Science SBA results by grade and year (School, District, State)\*

High School			
Year	School	District	State
2023-24	86	30	36
2024-25	91	38	37

### SAT\*\*

Evidence-Based Reading and Writing (ERW)			
Year	School	State	National
2024-25	699	560	521
Math			
Year	School	State	National
2024-25	723	535	508
ACT (Average Composite Scores)			
Year	School	State	National
2024-25	31.3	24.8	19.4

+Smarter Balanced Assessment is a Washington state standardized exam. Scores represent percentage of students who met the standards. Students who did not take the test were counted as not meeting standard.

\*Scores are suppressed when groups are so small that the information could potentially be used to identify or derive information about individual students. Many 11th grade students refused to take the test: they may have already met graduation requirements through passing the old state tests in 10th grade.

\*\*The Scholastic Aptitude Test (SAT) and the American College Test (ACT) are required by many colleges and universities for admission. Students elect to take these tests.

To view state test scores by demographic group, please visit: <http://reportcard.ospi.k12.wa.us>. Select Lake Washington School District\_Tesla STEM High School.

### Student demographics:

Gender	% of students
Female	44%
Male	56%

Race/Ethnicity	% of students
Asian	74%
Black/African American	1%
Hispanic/Latino of Any Race(s)	3%
Two or More Races	5%
White	17%

Programs	% of students
English Language Learners	1%
Low Income	3%
Students with Disabilities	2%

### Invitation to Participate

We welcome and appreciate the involvement of families and community members in our school. Please contact our school office if you want to join us and help make a difference for our students.

### 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.