

TRANSWEB.SJSU.EDU/WORKFORCE-DEVELOPMENT

K-12 WORKFORCE DEVELOPMENT PROGRAMS



MTI supports *a wide range of educational programs for youth.*

Through its education program, MTI sponsors the annual **Garrett Morgan Sustainable Transportation Competition** that introduces 291 middle-school students to transportation issues and an annual **Summer Transportation Institute** for 175 high-school students between 2016 and 2022. MTI also sponsors the **Mineta Transportation Institute Elementary Poster Contest** since 2021, engaging 159 students from grades 1-6. In partnership with elementary teachers and students, MTI developed **Elementary Lesson Plans** that introduce elementary school students to the basics of how people and goods are moved.

ELEMENTARY POSTER CONTEST

The Elementary Poster Contest allows students nationwide, grades 1-6, to demonstrate their knowledge of the year's transportation theme through an artistic, visually compelling image. Students can convey their knowledge of safe, affordable, and sustainable alternative transportation modes to passenger cars. Six winners—three from grades 1-3 and three from grades 4-6—earn a cash prize and have their posters displayed at the MTI Banquet at San José State University (SJSU).

ELEMENTARY LESSON PLANS

As one of the fundamental pillars of the transportation industry, workforce development is a critical component in creating and sustaining a connected world. In partnership with elementary teachers and students, MTI developed a STEM transportation unit that introduces 1-6th graders to the basics of how people and goods are moved. In these lessons, students learn about active modes of transportation, sustainability issues, transportation planning, and more.

GARRETT MORGAN PROGRAM

In this competition, middle-school students learn about the exciting world of transportation with an emphasis in STEM while competing for a \$1000 grand prize. Each spring, students identify and explore transportation issues before presenting a potential solution to one of the problems in a 7-10 minute video. MTI has sponsored a competition every year since 2001 to encourage young people to consider careers in transportation.

MINETA SUMMER TRANSPORTATION INSTITUTE

The Summer Transportation Institute invites Bay Area high school students to learn about transportation careers in a free, three-week on-campus session at SJSU. While engaging in stimulating hands-on STEM activities and venturing on eye-opening field trips to local business and transit agencies, students will learn about transportation innovation and earn 3 transferable college credits in Environmental Studies from SJSU.