



School News



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McPherson Magnet

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Joe Erven
Principal

Project Lead the Way STEM Lab

In October, we had a ribbon-cutting ceremony for our Project Lead the Way (PLTW) STEM (science, technology, engineering and mathematics) lab. All students will have access to the lab. Kindergarten through fifth grade will spend an hour each week on computer science, biomedical and engineering courses with our STEM resource teacher, Teresa Andrade. Sixth grade is completing a PLTW trimester course called Design and Modeling in which they're learning the engineering-design process.

Each module ends with students creating a solution for a real-life problem; these students will create a leg brace for a person with cerebral palsy, using AutoCAD. Seventh grade is completing a yearlong PLTW computer science course in which they design their own apps using the MIT app builder for block coding. At the end of the year, they'll develop crowd-sourcing apps using Python for coding language.

We're thankful to the CTE Department, the McPherson Foundation and OUSD for helping us fund this program.

