



DENVER PUBLIC SCHOOLS
CAREERCONNECT



Grant Ranch is excited to announce that it is receiving a Lockheed Martin STEM Pathways Grant! They will start their school-wide implementation in the 2017- 2018 school year.

The United States is facing a workforce development and skills crisis and studies show American students have fallen behind their international peers in math and science:

- The 2012 Program for International Student Assessment (PISA) showed that American students scored 21st in science and 26th in math out of 65 countries.
- The World Economic Forum ranks the U.S. at number 49 in its quality of math and science education.
- The U.S. Department of Commerce reports that by 2018, America will have more than 1.2 million unfilled jobs in the STEM fields.

Project Lead The Way (PLTW) is helping to solve these problems. PLTW is the nation's leading provider of science, technology, engineering, and math (STEM) programs for students in grades K-12.

PLTW help equip students with the knowledge and skills they need to be successful in the global economy. Not only are students learning math and science, but they're learning how to apply math and science as tools to solve problems. They're learning to think critically, solve problems, and work together—the very skills they'll need in the workforce.

Lockheed Martin has long played a role in space exploration and STEM education. Generation Beyond is part of the company's commitment to inspiring future engineers, scientists and innovators. Experts say we face a critical shortage in engineers and STEM professionals. NASA has a goal of sending humans to Mars in 2030, yet, economists project there could be 2.4 million unfilled STEM jobs by 2018. In order to make it to Mars and further into deep space, we must have the skilled workforce to get the job done.

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 98,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.