

Project Lead the Way (PLTW) offers engaging classes that prepare students for real-world challenges through hands-on learning. **Career Explorations (6th Grade)** provides students the opportunity to explore the career paths that are within the STEM world and helps them design a career path that students can follow in their future. This class will also serve as an Introduction to Design & Modeling. In **Design & Modeling (7th Grade)**, students explore the design process, create prototypes, and learn about engineering principles. Students will design Ankle Foot Orthosis, Air Skimmer, and numerous other projects during this class. **Medical Detectives (8th Grade)** allows learners to step into the shoes of medical professionals as they investigate medical mysteries, using data and scientific methods to diagnose conditions. Students will have the opportunity to dissect a sheep brain to learn more about the Nervous System during this class. In **Automation & Robotics (6th, 7th, & 8th)**, students dive into the world of robotics and programming, designing, building, and programming automated systems to solve problems.

If you have questions throughout the school year, please don't hesitate to contact me (Aaron Chaney) at [aaron.chaney@lclsd.org](mailto:aaron.chaney@lclsd.org) or you can contact the school at (937) 364-2811. I look forward to having your student in class this year.