

Future Ready Lab

Porterville Unified School District
Porterville, California

7th Grade Students
4,500+ Students Served



"Partnering with Qualcomm brings world class, high tech resources into the hands of students so they can innovatively apply their knowledge and discover a new world."

Cynthia G. Brown, Director of Student Pathways
Porterville Unified School District

"The Future Ready Lab offers all of our students a tremendous opportunity to explore engineering and coding and learn about the innovative work that Qualcomm does on a daily basis. The beautiful location of our lab truly makes an unforgettable experience!"

Erik Santos, Pathways Learning Director
Porterville Unified School District

For more information about the Thinkabit Lab program, please email:

contactthinkabitlab@qualcomm.com

www.thinkabitlab.com
@QualcommforGood

The Future Ready Lab in the Porterville Unified School District is located in the central valley of California, a rural area with limited access to large engineering companies or Science, Technology, Engineering and Mathematics (STEM)-related opportunities. Every seventh-grade student in the district travels during the academic year to participate in the Qualcomm® Thinkabit Lab™ Signature Experience. Many neighboring school districts send their seventh-grade students as well.

The Future Ready Lab is open to students twice a week. During their visits, students engage in the Qualcomm® World of Work career exploration activities, engineering activities, and creating their own Internet of Things (IoT) invention. Exploring these technologies gives students more confidence in computer coding and offers the chance to imagine themselves as engineers.

Students also learn about the Pathways Program during their time at the Future Ready Lab. Once students reach high school, they are able to pick an area of study that interests them and explore it through a project-based, real-world application instructional program. The goal is for students to graduate with a college and career-ready advantage. STEM-related pathways include engineering, computer science and alternative energy resources.

Our Thinkabit Lab staff spent nine days at the Future Ready Lab during the summer of 2019 to pilot a new AgTech IoT project with high school students. Students leveraged their experience living in an agricultural community to invent functional IoT inventions that integrated sensors and Bluetooth communication to solve agricultural problems. Porterville community partners supported the development of relevant career cards and participated in a panel about careers in agriculture. The collaboration was featured in The Porterville Recorder newspaper.

About Thinkabit Lab

As a company of inventors, Qualcomm cares deeply about STEM. Through the Thinkabit Lab program, students can explore engineering and non-engineering careers and engage in fun and unique hands-on STEM activities. The goal is to:

- Show students from all cultural and socioeconomic backgrounds that they can be part of inventing the wireless world of the future, and
- Encourage them to embrace the opportunity to tackle global challenges and make a difference as the workforce of tomorrow.



The Thinkabit Lab program is facilitated by Qualcomm's Corporate Responsibility team, Qualcomm for Good.