



video transcript

## rural reach: fab lab permian basin

human energy®

**Valerie Jones, Vice President, Instruction Odessa College:** The Permian Basin region is a vast geography. You have 75 thousand square miles, but only half a million people.

**Ann Lynn McIlroy, Superintendent of Schools, Loving, New Mexico:** Some of our kids have never been outside of Eddy county. So our kids can be limited in perspective.

**Valerie Jones:** But the energy industry is fueling tremendous economic growth in this region. How do we bring the skills, the excitement to these kids, so that they're prepared to become the workforce of tomorrow?

**Cedric Bleimling, Director, Fab Lab Permian Basin:** The Fab Lab Permian Basin is a place where you can use digital fabrication techniques to transform an idea into an actual object.

**Student:** "Why can't we see it blink?"

**Cedric Bleimling:** "Any guess?"

**Cedric Bleimling:** We challenge you with an issue, and then you have to find out how it works, and that's how you learn.

**Ann Lynn McIlroy:** Thanks to Chevron's partnership, we have the resources to create a space for STEM learning.

**Cedric Bleimling:** And now, we have a mobile lab that allows us to bring the Fab Lab experience to the students wherever they are.

**Ann Lynn McIlroy:** The mobile Fab Lab is going to afford them the opportunity to be successful with technologies that they will have no other way of experiencing.

**Miranda, student:** A laser cut the wood in like, in even squares. So it was really cool to see all this stuff.

**Ann Lynn McIlroy:** In the mobile Fab Lab, it doesn't matter where you come from, you are able to do things you never dreamed of before.

**Miranda:** Doing this today makes me excited about a career in science, now I know I can do it.