



FAB LAB EL PASO

# Fab Lab El Paso 2021 TEAMII-CAAT

Cathy Chen

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Isabela shows off her terrarium, after learning about terraforming extraterrestrial environments  
Credits: Fab Lab El Paso

The year-long PASOFinders Program consists of six free workshops designed for grades 3-8. The workshops teach technical skills in space science and are scheduled to celebrate NASA missions, milestones, astronomical events, and diversity and inclusion commemorations. Student experiences include: interacting with Johnson Space Center's 360 tours via mobile app and cardboard headsets, then creating their own VR outer space; being introduced to ways to participate in NASA citizen science using Arduinos, sensors, and smartphones to collect data; exploring contributions by Hispanics in aerospace with local

experts and indigenous achievements in astronomy through Chaco Canyon artifacts; and using NASA resources and 3D printing teaching models to explore lunar eclipses.

#### List of Partners:

- Socorro Independent School District
- Ysleta Independent School District
- Clint Independent School District
- University of Texas at El Paso Aerospace Center
- City of El Paso Museums and Cultural Affairs Dept.

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