

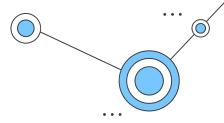
Going Virtual:

A Fab Lab's Response to Stem Distance Learning

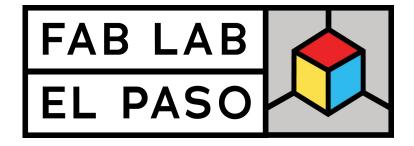
Michael Nelson

Stem Education Manager





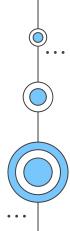








Pre Pandemic



Steam Hands On Field Trips





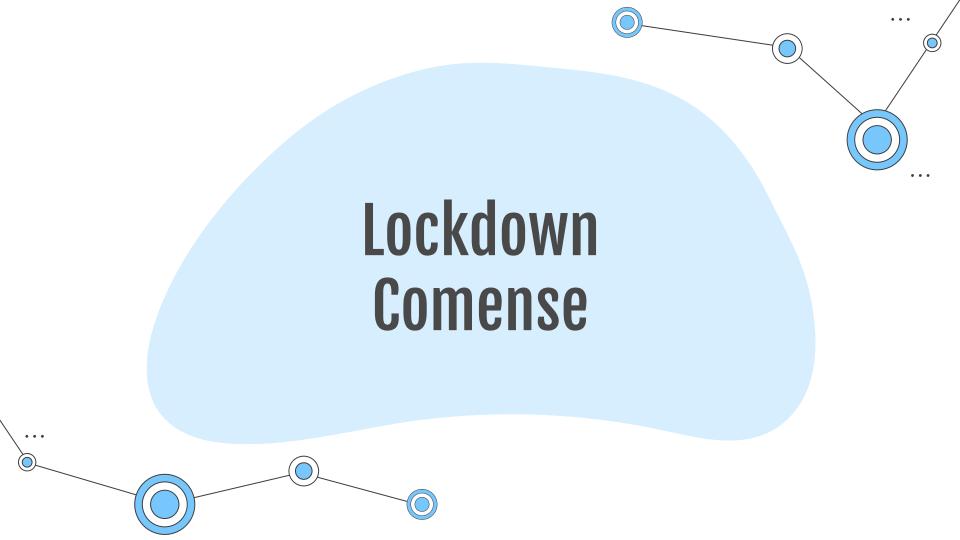
Community Programing





Mobile Fab Lab





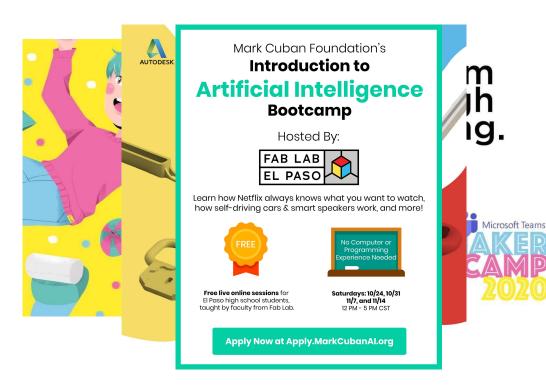
Pandemic Mode

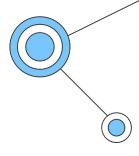


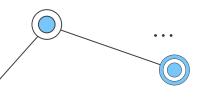




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Spring 2021 Virtual Programing

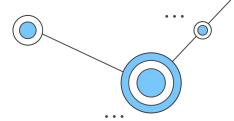












Virtual Reality

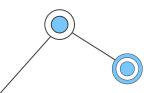
- Virtual Reality/Augmented Reality Concepts
- Developing Environments
- Cospace.edu platform basics
- Future Cities 2121 Prompt
- Collaborative Team Building

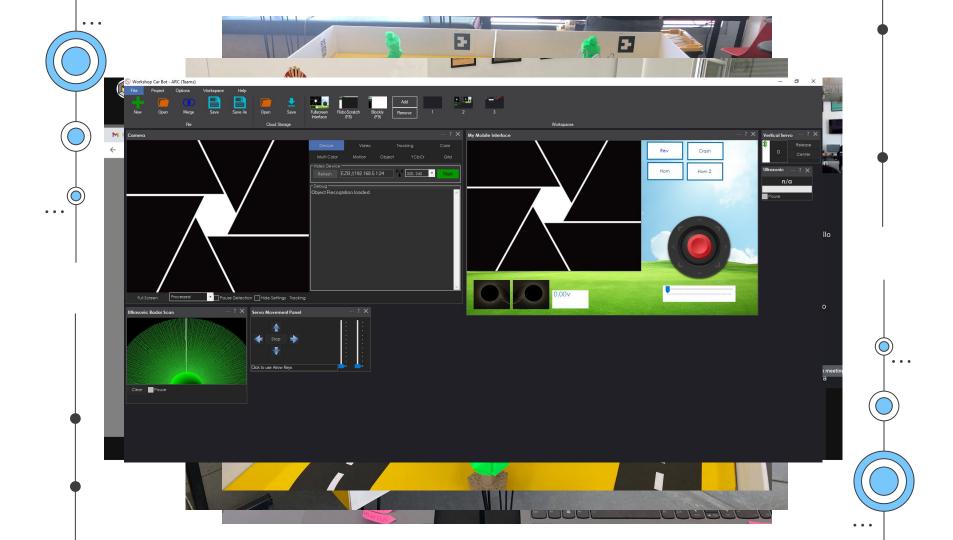
Robotics

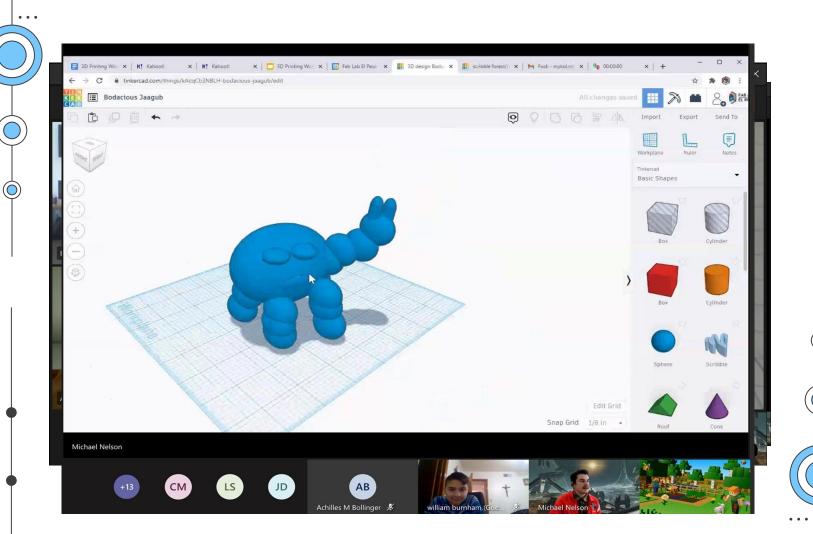
- Electric vehicle history
- Al and self driving car technologies
- Machine Learning Exercise
- Remote Robot interaction time
- Philosophical and ethical dilemmas

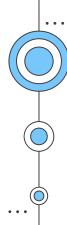
3D Printing

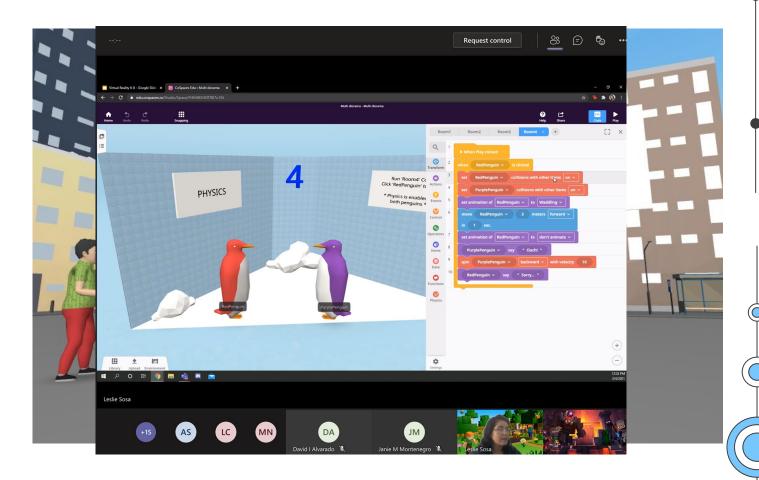
- 3D Printing core concepts and workflow
- Applications for 3D Printing
- Space Exploration and Habitat building on Mars
- Design Challenge: Mars Neighbors
- Print students files











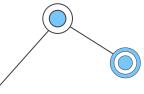
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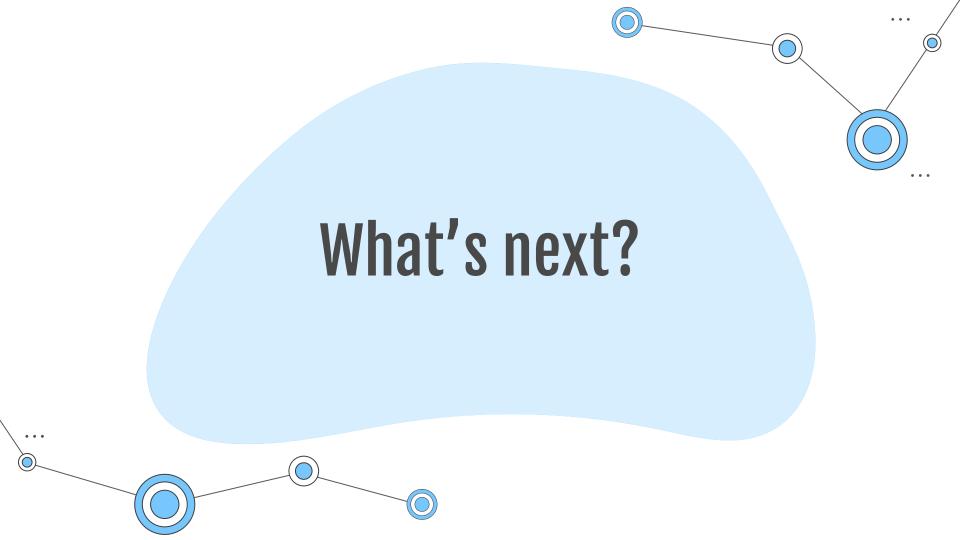


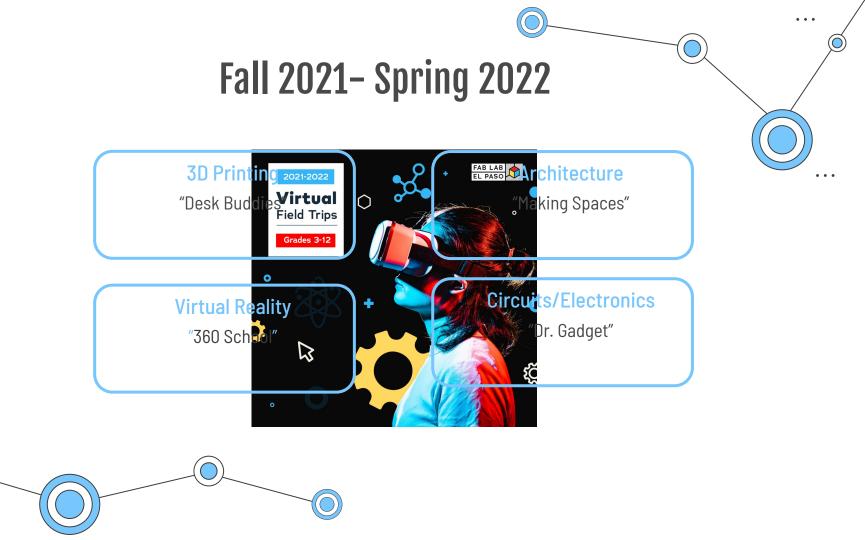
Summer 2021













Launch of our new E-Learning Platform







Thanks!

Any questions?









@fablabelpaso

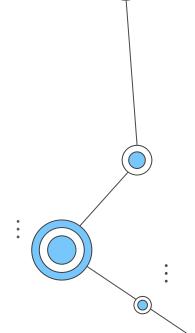
#fablabep

#elpasomakerspace

mnelson@fablabelpaso.org 915.209.2656 fablabelpaso.org

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