



Eco-Challenge 2020

In this project, your group (2-5 people) will research an environmental issue that has an effect (harmful or beneficial) on our community due to human influence and unsustainable practices.

Based on your experience today, select a problem your team would like to address. Your team will develop a project or proposal that outlines your ideas about how to solve this problem.

Your group will present your solution to community members on Saturday, May 7th at the Performing Arts Center. Proposals will be judged based on the 5 C's: critical thinking, creativity, communication (public speaking), collaboration, and a call to action. Winners will receive valuable prizes and recognition. Projects that succeed will demonstrate creativity, innovation, sustainability, and impact on the community.

Choose one of four topics below:

- **Fire Ecology** - Fire is a natural phenomenon in California that is driven by natural and human sources. The fire cycle is a 25-50 year cycle that has been increased due to human impact on our ecosystems.
- **Watershed** - Water is a limited resource, especially in southern California. The management and movement of water are important in order to provide fresh, clean water.
- **Invasive or Non-native species** - Many different plants and animals have been introduced to our local ecosystems. These species have unique issues that they present to our native plants and animals.
- **Design your own EcoChallenge** - Does another environmental issue impacting our local community sparks your interest? Select your own topic to address.

Rules

1. Participants must be in teams of 2-5 members
2. Participants must ask a question and identify STEAM concepts within their proposal
3. Participants must create a model (drawn or digitally created) or prototype
4. The final presentation will be created on Google Slides. Creativity is encouraged.
5. The presentation will be 3-5 minutes for 4th-5th grades and 6-8 minutes long for 6-8th grades.
6. Presentations must be original, persuasive, motivating, and draw upon relevant information.

Join us for the first support workshop to review your progress and receive mentor support.

Support Workshop 1

March 5th, 6 p.m. - 8 p.m.

Professional Development Academy (PYLUSD)

4999 Casa Loma Ave, Yorba Linda, CA

<https://tinyurl.com/REACHeco>



Eco-challenge Part 2 Sign-Up



Use your Camera or QR code scanner

OR

tinyurl.com/REACHeco2

<https://tinyurl.com/REACHeco>