THE CHALLENGES

Visual Arts
Theme: Migration
Entries Due: April 3, 2020
Through an original art piece, showcase the challenges migratory species face and why we should care about them.
Evidence/Submissions
The original artwork
300-500 word typed essay, including a picture of design
Showcase Day
Art displayed for judges

Cooking with Local Foods
Theme: Urban Gardens
Entries Due: April 3, 2020
Use at least 2 ingredients grown in a community or urban garden to create an original recipe
Evidence/Submissions
Copy of the Recipe
300-500 word typed essay
Showcase Day
Judged day of, there will be a microwave available.

Short Film
Theme: Light Pollution
Entries Due: April 3, 2020
Make a Video that addresses light pollution in Utah, from causes to action
Evidence/Submissions
Video 2-4 min long, Submit through link, (YouTube Upload) No Essay Required.
Showcase Day
Viewing Videos

Games to Play
Theme: Air Quality
Entries Due: April 3, 2020
Create a game that demonstrates the causes of air pollution, the effects air quality has, and solutions to prevent or stop air pollution.
Evidence/Submissions
Physical/Digital Game with instructions
300-500 word typed essay
Showcase Day
Play and Demonstrate game

Creative Writing
Theme: Earth Stewardship
Entries Due: April 3, 2020
Create a piece of writing that can teach and inspire us to become better earth stewards
Evidence/Submissions
Written Summery of your piece
 Finished Product of writing
Showcase Day
Option to read at showcase (if you ask) must be available for judges to read.

Community Project
Theme: Snowpack Science
Entries Due: April 3, 2020
Plan and carry out a project to research and monitor snowpack conditions and implement a water saving initiative in your school or community
Evidence/Submissions
Create a Poster that demonstrates the project carried out
Showcase Day
Poster Presentation

Fashion & Textiles
Theme: Nature’s Recyclers
Entries Due: April 3, 2020
Design and model an outfit, accessory or textiles made entirely out of repurposed materials.
Evidence/Submissions
Completed Outfit / Accessory
300-500 word typed essay including a picture of the product
Showcase Day
Fashion Show

Design Challenge
Theme: BioEnergy
Entries Due: April 3, 2020
Research bioenergy and the challenges it faces then design an original functional mechanism to solve the problem using the engineering design process
Evidence/Submissions
Physical Invention
300-500 word typed essay, including sketches of designs
Showcase Day
Demonstrate how your invention works

Performance
Theme: Reconnecting with Nature
Entries Due: April 3, 2020
Create a performance that teaches and shares your experiences of reconnecting with nature.
Evidence/Submissions
Video submitted through link (Youtube)
300-500 word typed essay
Showcase Day
Preform. (Mics, Speakers, and Audio players will be provided.

T-Shirt Design
Theme: Native Plants
Entries Due: April 3, 2020
Design a T-shirt that showcases the native plants of Utah and what we can do to protect them.
Evidence/Submissions
300-500 word typed essay, picture of design
Showcase Day
Winning design will be chosen before hand
What is E.C.O. Challenge?

Thanksgiving Point’s Explore, Create, Observe (E.C.O.) Challenge is a STEM program that invites junior high and high school students to address real world environmental challenges on both a local and global scale. In the fall, students attend a career day to meet professionals working in science and engineering careers from state agencies, industry, and non-profit organizations. Teens learn the needs of these groups related to the challenge and spend the next several months designing and prototyping solutions in a way that makes sense to them. From producing short films to design challenges that aid in conservation, students select unique and authentic ways to contribute their ideas and solutions. Prizes are awarded to help schools provide real world environmental science programs in the coming year. We invite you to participate and join the E.C.O. Challenge!

Why Participate?

- Inspire students’ critical-thinking skills and civic engagement.
- Connect to a network of educational resources and hands-on learning opportunities.
- Showcase your students’ abilities to local industry and agencies.
- Win prizes and recognition for both student and school achievement.

How Do I Participate?

- Submit a school registration form to Thanksgiving Point ThanksgivingPoint.org/eco-challenge-registration-page
- Provide opportunities throughout the year for your students to complete their entries.

How can I Recieve Awards?

The top two scoring entries in each category will receive the 2019-2020 E.C.O. Challenge Award for their school. All Participating students and teachers also receive E.C.O. Challenge T-shirts, featuring the winning design of the T-shirt Design Challenge. The schools with the top scoring entries (1st and 2nd) for each category will be awarded money to support environmental programs and initiatives at their school.

Our staff is available to answer questions and provide assistance if needed. Contact us at challenge@thanksgivingpoint.org or by calling 801.768.5018