ECO 360 CHALLENGE

Rethink Your Plastic Waste!

2025/2026

The Eco 360 Challenge will enable your learners to imagine a world without waste by closing the loop of a product's life cycle and creating a circular economy. The challenge will be scored out of 80 points based on the identified criteria found in the assessment rubric on the last page.

Challenge Instructions

Step 1: Register for the Challenge

If you are reading through this challenge package and have yet to register your class or club for this challenge, click below to register. Once you've registered, please continue to Step 2!

REGISTER HERE

Step 2: Tips to Get Started (optional)

To help familiarize yourself with developing a circular economic model and repurposing single-use plastics, use the following resources:

- Educator Video

We **recommend** having your class/club complete a selection of learning activities from the Eco 360 Program to equip your learners with the necessary knowledge and skills for the challenge and to watch GreenLearning's Eco 360 Webinar - ReMaker Space: Single-Use Plastics with your class. (See next page)

ReMaker Space: Single-Use Plastics webinar Recording

Eco 360 Program Link (Gr 3-8)

Eco 360 Program Link (Gr 9-12)

Step 3: Create Your Own Plastic Reduction Plan & Project

Brainstorm and develop a feasible and creative reinventive plan using the worksheet below that incorporates a circular economic model to eliminate plastic waste from the environment.

Learners should do their best to determine the **estimated plastic waste prevented from entering the environment** if their innovation is implemented.

Plastic Reduction Plan Worksheet

Tip: See the **ReInvention Plan** section of the Assessment Rubric on the final page of this package.

For further inspiration, check out past Eco 360 projects!

Eco 360 Challenge Showcase

Step 4: Project Summary, Learnings & Reflection Questions

Next, have your learners provide an overview of their project, share their project and reflect what they have learned with the school, their community, on social media or any other platforms. This is a great chance to share photos and videos.

Tip 1: See the **Supporting Materials** section of the Assessment Rubric on the final page of this package

When submitting photos and videos of the project, where student faces are shown, please see **Reminder** below about media release forms.

Project Summary, Learning & Reflection Worksheet

Tip 2: Review the **Project Summary, Learnings and Reflection** section of the Assessment Rubric on the final page of this package

Reminder

As part of Step 4 for the Sharing Your Learnings section, photos and videos are encouraged and play a large role in scoring. When submitting photos and videos of the project where student faces are apparent, please ensure a **media release form** has been signed. If no photos or videos contain student faces, please skip to the next section of this challenge package.

If students' parents(s) and/or guardian(s) have already signed-off on media releases for their child at the beginning of the school year specifically for the school, please note there is an option for the teacher themselves to sign-off all their students participating in the challenges.

Teacher Sign-Off for Students with School Media Releases

Individual Student Media Release Form

Tell Us What You Think (optional)

Although this section is not scored, we encourage you to take a moment to provide feedback on your experience in leading your students on their challenge journey. This feedback helps us improve for the following year.

Educator Feedback Form

Step 5: Time to Submit!

Your learners have worked so hard to put together an amazing project submission - now it's time for you to submit their work! Make sure to submit by **11:59pm PST on May 13th, 2026!**

SUBMIT CHALLENGE HERE

Submission Checklist:

Use the Assessment Rubric below to support your Challenge process

- [ ] Plastic Reduction Plan Worksheet (found under Step 3)
- [ ] Project Summary, Learning & Reflection Worksheet (found under Step 4)
- [ ] Supporting Materials of ReInvention
- [ ] Media Release Form(s) (found under Reminder)
    - [ ] Parent and/or Guardian Signature

      OR
    - [ ] Teacher Sign-off
- [ ] Educator Feedback Form (reminder this piece is not scored - found under Tell Us What You Think)

Assessment Rubric

Criteria	Level 4	Level 3	Level 2	Level 1
Plastic Reduction Plan				
Brainstorming & Research **(5 points)**	Plan demonstrates thorough brainstorming with several thoughtful ideas explored. Strong connection between research and proposed idea. **(4-5 points)**	Plan demonstrates some brainstorming with a few relevant ideas explored. Ideas are somewhat relevant to the proposed idea. **(3 points)**	Plan demonstrates limited brainstorming with very few ideas. The connection between research and proposed idea is unclear. **(2 points)**	Plan demonstrates little to no evidence of brainstorming. No clear connection between research and the proposed idea. **(0-1 points)**
Plastic Waste Problem Problem solving, Understanding, Resources **(10 points)**	Plan demonstrates a strong understanding of the plastic waste problem. A creative and practical solution is presented that effectively reuses and repurposes plastic waste or eliminates it from the environment. . **(8-10 points)**	Plan demonstrates a strong understanding of the plastic waste problem. A creative and practical solution is presented that effectively reuses and repurposes plastic waste or eliminates it from the environment. . **(7-8 points)**	Plan demonstrates a basic understanding of the plastic waste problem. Solution is limited with an unclear use of plastic waste or eliminates it from the environment. **(4-6 points)**	Plan demonstrates minimal understanding of the plastic waste problem. Solution is impractical and does not reuse or repurpose plastic waste meaningfully or eliminates it from the environment. **(0-3 points)**
Possible solutions *Part C of Plastic Reduction Plan Worksheet* **(10 points)**	A strong solution to the plastic waste problem has been developed and proposed. **(9-10 points)**	A good solution to the plastic waste problem has been developed and proposed. **(7-8 points)**	A limited solution to the plastic waste problem has been developed and proposed. **(4-6 points)**	A minimal to no solution to the plastic waste problem has been developed and proposed. **(0-3 points)**
Prototype Creativity **(15 points)**	Prototype is very creative, original, and thoughtfully designed. Strong visual appeal and innovative reuse/repurpose of plastic waste. **(12-15 points)**	Prototype shows creativity and effort. A clear attempt to reuse/repurpose plastic in a purposeful way. **(8-11 points)**	Prototype shows limited creativity and effort. Design is unclear and minimal reuse/repurpose of plastic waste. **(4-7 points)**	Prototype lacks creativity or clear intent. Minimal effort with little to no meaningful reuse/repurpose of plastic waste. **(0-3 points)**
Supporting Materials				
Supporting Materials Evidence of learning, photos, videos, slide deck, poster, podcast, and other supporting materials **(15 points)**	5+ supporting materials were submitted demonstrating the learner experience. Presentation of the plan is extremely clear and demonstrates a high level of creativity. **(12-15 points)**	3-4 supporting materials were submitted demonstrating the learner experience. Presentation of the plan is clear and demonstrates creativity. **(8-11 points)**	1-2 supporting materials were submitted demonstrating the learner experience. Presentation of the plan is somewhat clear and demonstrates some creativity. **(4-7 points)**	No supporting materials were submitted demonstrating the learner experience. Presentation of the plan is difficult to follow and demonstrates little to no creativity. **(0-3 points)**

Project Summary, Learning & Reflection				
Summary of Project Overview of project, reason for innovation, process in designing and creating, how it will reduce plastic waste, etc. **(5 points)**	A strong summary of the project. Highly detailed points on reason for innovation, the creative design and thought process and how it will reduce plastic waste. **(4-5 points)**	A good summary of the project. Some detailed points on the reason for innovation, the creative design and thought process and how it will reduce plastic waste. **(3 points)**	Some form of a summary of the project. Few detailed points on the reason for innovation, the creative design and thought process and how it will reduce plastic waste. **(2 points)**	Lacking a summary of the project. Very minimal detailed points on reason for innovation, the creative design and thought process and how it will reduce plastic waste. **(0- 1 point)**
Sharing Your Learning Communication & Collaboration **(10 points)**	Learning was shared with clear educational intention and through multiple forms. **(8-10 points)**	Learning was shared with some educational intention and/or through multiple forms. **(6-7 points)**	Some learning was shared **(3-5 points)**	No learning was shared throughout this challenge **(0-2 points)**
Reflection Questions Creativity, critical thinking & knowledge mobilization **(10 points)**	Learner response displays a strong understanding of renewable energy technologies and is highly creative. **(8-10 points)**	Learner response displays an understanding of renewable energy technologies and is creative. **(6-7 points)**	Learner response displays some understanding of renewable energy technologies and is somewhat creative. **(3-5 points)**	Learner response displays minimal understanding of renewable energy technologies with low creativity. **(0-2 points)**
Total Points: /80				