FLOOD:ED CHALLENGE

Take Action to Protect Against Extreme Weather!

2024 - 2025

The Flood:ED Program engages learners in hands-on learning about flooding. Through various educational and action-based activities, learners can create a STEAM model to try out flooding solutions, develop a flood resilience plan for their school, and/or take action to combat flooding in their communities. Entrants are then able to report the impact from their actions and/or reflect on their learnings This package contains everything you need to complete and submit an entry for the 2025 Flood:ED Challenge. Get inspired for your participation by taking a look through our showcase of previous entrants!

Complete the following entry form and upload it to the submission page (accessed GreenLearning's Challenge Page) by **Friday, May 9, 2025 at 11:59pm PST**. Best of luck to you and your learners! If you have any questions or concerns at any time, please contact us at programs@greenlearning.ca or check out our Frequently Asked Questions page.

Challenge Instructions

To participate in the 2025 Flood:ED Challenge, please follow the steps below:

Step 1: Preparation

We **highly recommend** completing a selection of the following learning activities to equip your learners with the necessary knowledge and skills for the challenge:

Flooding Mapping Tour
Understand Flooding
What are Floodplains and Watersheds?
Flooding and Climate Change
Flood Risk Management Awareness: Learnings from Past Disasters
Runoff Footprint

Step 2: Choose Your Path

For the challenge, you have three options to choose from: **STEAM-based Model Flooding Solutions** *or* **Plan for Flood Resilience** *or* **Act for Flood Resilience**. Read the descriptions below and select the appropriate path for your participation.

Option 1: Model Flooding Solutions

Dive into a STEAM based project to model and test how flooding can affect an area, and what impact possible solutions may have. Check out the Model Flooding Solutions Worksheet or Learner Worksheet to guide the development of your model.

Option 2: Plan for Flood Resilience

Develop a Flood Resilience Plan for your school using the provided Flood Resilience Plan Worksheet. This plan should outline strategies and actions to better prepare for floods.

Option 3: Act for Flood Resilience

Take actions to combat flooding at your school. You can choose from the actions provided or come up with your own innovative ideas. Document the actions you took using the Act to Combat Flooding Worksheet and describe the impact of your actions.

Step 3: Share and Spread the Word

Share your learning, planning, or action with your family, within your school community, on the radio, on social media, or any other forms! Celebrate your learnings and accomplishments and educate others on how they can take climate action!

*We would love to see your Flood:ED Challenge process, tag **@GreenLearning** on [Twitter (X),](#) [Instagram](#) and [Facebook](#).*

Step 4: Submission

Use the following checklist as a guide to help get organized for submitting all materials and forms by **May 9, 2025, at 11:59 pm PST.**

Submission Checklist:

☐ Flood:ED Challenge Package with completed Entry Form, Sharing Your Learning, and Reflection Questions

☐ Flood Resilience Plan Worksheet <u>OR</u> Act to Combat Flooding Worksheet <u>OR</u> Model Flooding Solutions Worksheet

☐ Supporting materials for judging, such as:

    ☐ Copies of learner work and worksheets

    ☐ Photos and videos of learners and their projects- *tell us your story!*

☐ Media Release Form(s) for individuals shown in photos or videos

Use the Selection Criteria below to support your Challenge process.

Entries that meet the requirements outlined in the [Flood:ED Challenge Rules and Regulations](#) will be judged between May 12, 2025 and June 5, 2025. The first, second and third place submissions will be awarded cash prizes of $1,000, $500 and $250 respectively. Winners will be announced online on June 5th, 2025.

Selection Criteria

GreenLearning has recruited a panel of industry experts with experience and expertise on flood management and resilience to judge and provide feedback on challenge submissions. This panel of judges will be evaluating submissions based on the following selection criteria:

Criteria	Level 4	Level 3	Level 2	Level 1
Learner Plans and Actions *Creativity and problem solving.* **(20 Points)**	A strong STEAM model design, Flood Resilience Plan or Actions to Combat Flooding are highly logical and creative in tackling flooding.	A STEAM model design, Flood Resilience Plan or Actions to Combat Flooding are logical and creative in tackling flooding.	A STEAM model design, Flood Resilience Plan or Actions to Combat Flooding are somewhat logical and creative in tackling flooding.	A STEAM model design, Flood Resilience Plan or Actions to Combat Flooding are limited in their logic or creativity in tackling flooding.
Supporting Materials *Evidence of Learning* **(15 Points)**	5+ photos, videos and/or learner worksheets were submitted demonstrating learner experience.	3-4 photos, videos and/or learner worksheets were submitted demonstrating learner experience.	1-2 photos, videos and/or learner worksheets were submitted demonstrating learner experience.	No photos, videos and/or learner worksheets were submitted demonstrating learner experience.
Sharing Your Learning *Communication and collaboration.* **(10 points)**	Learning was shared with clear educational intention and through multiple forms.	Learning was shared with some educational intention *and/or* through multiple forms.	Some learning was shared.	No learning was shared throughout this challenge.
Reflection Questions *Creativity, critical thinking and knowledge mobilization.* **(10 Points)**	Response is highly logical and creative in explaining and expanding on flood impacts and resilience learnings.	Response is logical and creative in explaining and expanding on flood impacts and resilience learnings.	Response is somewhat logical and creative in explaining and expanding on flood impacts and resilience learnings.	Response is difficult to follow and limited in explaining and expanding on flood impacts and resilience learnings.

Entry Form

Please tell us about yourself and your class. If more than one educator or group leader was involved please complete this form based on who will be the *main contact*.

This section is not scored.

Educator's name:

Educator's email address:

Preferred Title: *(E.g. Ms. Frizzle, Mx. Simpson)*

School Name and Board:

School City:

School Province:

Educator and/or School Social Media Handles:

Number of Learners Participating:

Grade Level(s):

Subject(s) or Club Name:

Please *indicate* which plan your learners created.

STEAM- Based Model   Flood Resilience Plan   Flood Action Plan

Sharing Your Learning

*The following question can be answered by the **joined effort** of educators and learners and is **supported by the photos, videos, and other relevant materials** provided in your submission. Sharing learning may include social media platforms, school assemblies, school announcements, school posters, sharing within the school (i.e. to younger grades), community events, presentations to community leaders, local media coverage, or any other forms.*

This section is scored out of 10 points. Please see the Selection Criteria for details.

1. How did you share your experience learning about flooding and flood resilience while participating in the Flood:ED Challenge? What did you do to help inspire others to take action? How many people did you reach as a result? *Please break down the number of people you shared your learnings with and how you shared it.*

Select the ways you shared/inspired others:

- ☐ Social media - # of people reached _____
- ☐ Blogs/Vlogs - # of people reached _____
- ☐ Community events - # of people reached _____
- ☐ Newsletters - # of people reached _____
- ☐ Infographics, videos - # of people reached _____
- ☐ Workshops/Presentations - # of people reached _____
- ☐ Other: _____

Total # of people shared with: _____

Reflection Questions

The following questions **must** *be answered by learners, either individually or as a team and can be submitted in any media form (written, video, slideshow, song/rap, etc.).*
This section is scored out of 10 points total. Please see the Selection Criteria for details.

    a) How has planning or taking action for flood resilience helped you better understand flooding at your school or in your community? ***(/5)***

    b) If you had the opportunity to expand your actions and/or plans from your school to your community/city/town, what is one element from your plans and/or actions that you would like to see implemented in your community/city/town? How could this be done and why does it make the community more flood resilient? ***(/5)***

Educator Feedback

GreenLearning is consistently looking for ways to improve our challenges and collect participant feedback. Please take a few moments to tell us about your experience by answering the questions below.

This section is <u>not scored</u>, but we <u>greatly</u> appreciate your feedback!

Efficacy of Challenge & Supporting Resources:

Please complete the table regarding the efficacy of the Challenge and associated learning:

	Not Effective	Somewhat Effective	Effective	Quite Effective	Very Effective
Developing learner understanding of renewable energies.	☐	☐	☐	☐	☐
Building confidence in teaching about renewable energies.	☐	☐	☐	☐	☐
Providing learners opportunity to demonstrate their understanding through action.	☐	☐	☐	☐	☐

Reflecting On **YOUR** Experience:

Tell us about *your* experience as an educator with the Flood:ED Challenge:

Did you face any barriers? Align with your objectives? Use the resources? Do you have suggestions? (this could include a testimonial for GreenLearning to use to promote learners' achievements and demonstrate how these challenges initiate learners to take action)

Reflecting On **LEARNER** Experience:

Tell us about your *learners'* experiences with the Flood:ED Challenge:

Did they face any barriers? What were your learners most excited about? Do they have suggestions? (this could include a testimonial for GreenLearning to use to promote learners' achievements and demonstrate how these challenges initiate learners to take action)

Please use this opportunity to share any other questions, comments, or thoughts with us.

Congratulations!

Dear Parent / Guardian,

Your child's class, school, or eco club is participating in an exciting Climate Action Challenge hosted by GreenLearning! It's a great chance for them to learn and work together with their peers to make a difference in the fight against climate change. Plus, they could win up to $1000 for their school, amplifying the impact of their climate actions!

To help share their story and experience in the Climate Action Challenge, please complete the attached media release form and return it to the school. This form gives permission to capture and include photos, statements, and projects created by the learners. More details can be found on the *Media Release Form* below.
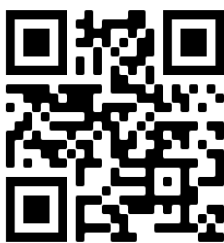
More about us: GreenLearning creates free education programs about energy, climate change and green economy that engage and empower learners to create positive change for our evolving world. Our programs include both hands-on and critical thinking activities to equip educators with the educational tools they need to help learners understand complex environmental issues.

For Your Attention:
* Please Sign and Return the Media Release Consent Form on Page 2

SCAN the QR codes below for more info!

Website	Challenges	Showcase

GreenLearning's Challenges: Media Release Consent Form

Sign and return to secure your child's participation!

Due date: _____

I, _____ hereby

(Name of parent or guardian if participant is a minor, under the age of 18)

authorize GreenLearning Canada Foundation to use and publish my child's name, image, likeness, statements, participant work and performance without charge, for public viewing and promotional purposes in publications, advertising, video, web, new media and other formats as determined by the organization. I also give permission for any content as uploaded to the Google shared folder associated with GreenLearning's programs or challenges to be used and/or edited as required.

I am aware that my child's name and/or picture and/or voice may appear in a print advertisement or other promotional material or be shown on the internet on which my child's picture can be seen or voice heard on a recording and I hereby grant permission to GreenLearning Canada Foundation to use my child's picture, voice, and/or name for these purposes.

I hereby waive any right to inspect or approve the use of these works or any electronic materials that may be used in conjunction with them now or in the future, whether the use is known to me not. I also waive all rights to any royalties related to the use of these works.

I hereby release GreenLearning Canada Foundation, and its officers, employees, shareholders and directors from any and all liability whatsoever, for now and forever.

External Media and Special Events

I also understand that external media or partner organizations might attend special events that are related to GreenLearning's programs and challenges. At these events, I give permission for my child's name, image, likeness, statements, participant work and performance to be photographed, filmed, audio or video taped for the purpose of being published and/or broadcasted online or on radio and television.

☐ Please mark this checkbox if you **AGREE** for your child to be photographed, filmed, audio or video taped as mentioned or described above **in parts one and two.**

Child'sname:_____

School:_____

Grade:_____

Teacher's name:_____

Parent's / Guardian's name:_____

Parent's / Guardian's email:_____

Parent's / Guardian's signature:_____

Date:_____

https://programs.greenlearning.ca/flooded