

Flood Resilience Plan for Your School

#FLOODED

Grades 3 - 12

Activity



Main Objective

Learners will create a flood resilience plan for their school by taking inspiration from different case studies and their own knowledge of flood preparedness.

Note: You need to complete the *Preparing for Flood Resilience Activity* first to complete this activity. This activity will guide you through creating a resilience plan for your school that will be a part of your challenge submission

Learning Outcomes

By the end of this activity learners will:

- Explore different methods of making their school resilient to flooding

Length of Activity: 0.5 - 1 hour

Step 1: Create a flood resilience plan

Materials Required

- Internet-enabled device
- Assessment Rubric
- Flood:ED Backgrounder

Activity

Step 1: Create a Flood Resilience Plan

Create a Flood Resilience Plan for your school using the information you have collected in the “Preparing for Flood Resilience”, mainly from Steps 4 and 5 (the flood mapping tour in your school, and the volume of water falls during a rain event in your school area)

- Research what other schools and cities are doing to prepare for floods
 - **Hint:** Look at the flood resilience case studies covered in the activity titled “Preparing for Flood Resilience” or linked below:

City of Calgary Flood Resilience Plan:

 <https://www.calgary.ca/UEP/Water/Pages/Flood-Info/Mitigation-and-Resilience/Flood-projects.aspx>

Kawartha Lakes Ontario Flood Emergency Planning:

 https://www.kawarthalakes.ca/en/living-here/emergency-management.aspx?mid_23169

Toronto and Region Conservation Authority Flood Risk Management:

 <https://trca.ca/conservation/flood-risk-management/>

Include the following in your Flood Resilience Plan:

- School Name and Location
- Briefly explain if flooding is a concern for your school, why or why not? (Hint: use information gathered from step 5 in the “Preparing for Flood Resilience” activity to help inform this analysis)
- Steps you propose to take to make your school resilient to flooding. Of the proposed steps, which are more feasible to achieve? Are there any barriers to achieving those goals (i.e., approvals, financial costs, etc.)? How can you overcome these barriers?
- Explain how the proposed steps will make your school resilient to flooding.

 You may also use GreenLearning’s Home Flood Protector Scavenger Hunt activity to inform your Flood Resilience Plan: <http://www.greenlearning.ca/homefloodprotector/>