

# Become a Watershed Hero

with The Fluvarium



What is The Fluvarium?



THE FLUVARIUM

Built in 1990...



**...in the actual environment it  
aims to serve.**

The Fluvarium  
Streamside aquarium  
& education center



Long Pond

Long Pond Walk

Long Pond Walk

Long Pond

Long Pond Walk

Long Pond Walk

**...right in the middle of nature.**

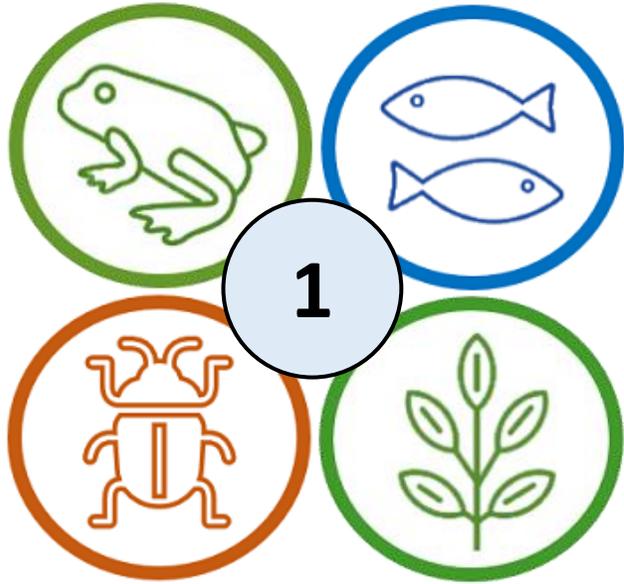
## **FLUVARIUM GOALS**

- 1. *Inspire youth, families, and communities to protect and enhance our freshwater ecosystems.***
- 2. *Serve the public as an environmental education centre that focuses on watershed ecology.***

# What is a watershed?

<https://www.youtube.com/watch?v=QOrVotzBNto&t=2s>

Why is it important to protect a watershed?



Abundance of diverse  
life and organisms



Healthy soil that helps  
to filter water



Wetlands that slow  
down the flow of water

How does climate change affect a watershed?



...higher temperatures  
affect organisms living in a watershed.



...increased drought  
affects soil quality and its ability to filter water.



...more rain  
affects water flowing through wetlands (and flooding).

What can we do about it?

## The Problem

THERE  
IS NO  
EARTH  
UPGRADE

CLIMATE  
CHANGE  
IS WORSE THAN  
HOMEWORK



## The Solution



If you are the solution...

**What can you do?**

Get inspired.





Learn.

A close-up photograph showing a large, weathered hand holding a small globe of the Earth. The globe is positioned in the center-left of the frame. To the right, a smaller, younger hand is reaching out towards the globe. The background is a soft-focus green and yellow bokeh, suggesting an outdoor setting with sunlight filtering through leaves. In the top right corner, there is a white rectangular box with a thin black border containing the text "Build confidence." in a bold, black, sans-serif font.

**Build confidence.**

...to lead.

But, how?

# **The Watershed Heroes Project**

...at the classroom and in the school yard



***with The Fluvarium***

## **PROJECT MISSION**

*To create a water-focused and teacher-led climate action education program throughout NL that helps students get inspired, learn, and build confidence to develop as leaders that take action against climate change to protect our watershed ecosystems.*

Ultimately, we want to help our youth  
to become...

# Watershed Heroes



To get started, we built the...

Power Tower



## The Power Tower.

<https://vm.tiktok.com/ZMeEwXS4g/>

**STEAM-**  
focused

Solar panels, wind turbine, battery banks, weather station, phone charger, speakers, tablet, TV screen, rainwater capture, internet hotspot, interpretation

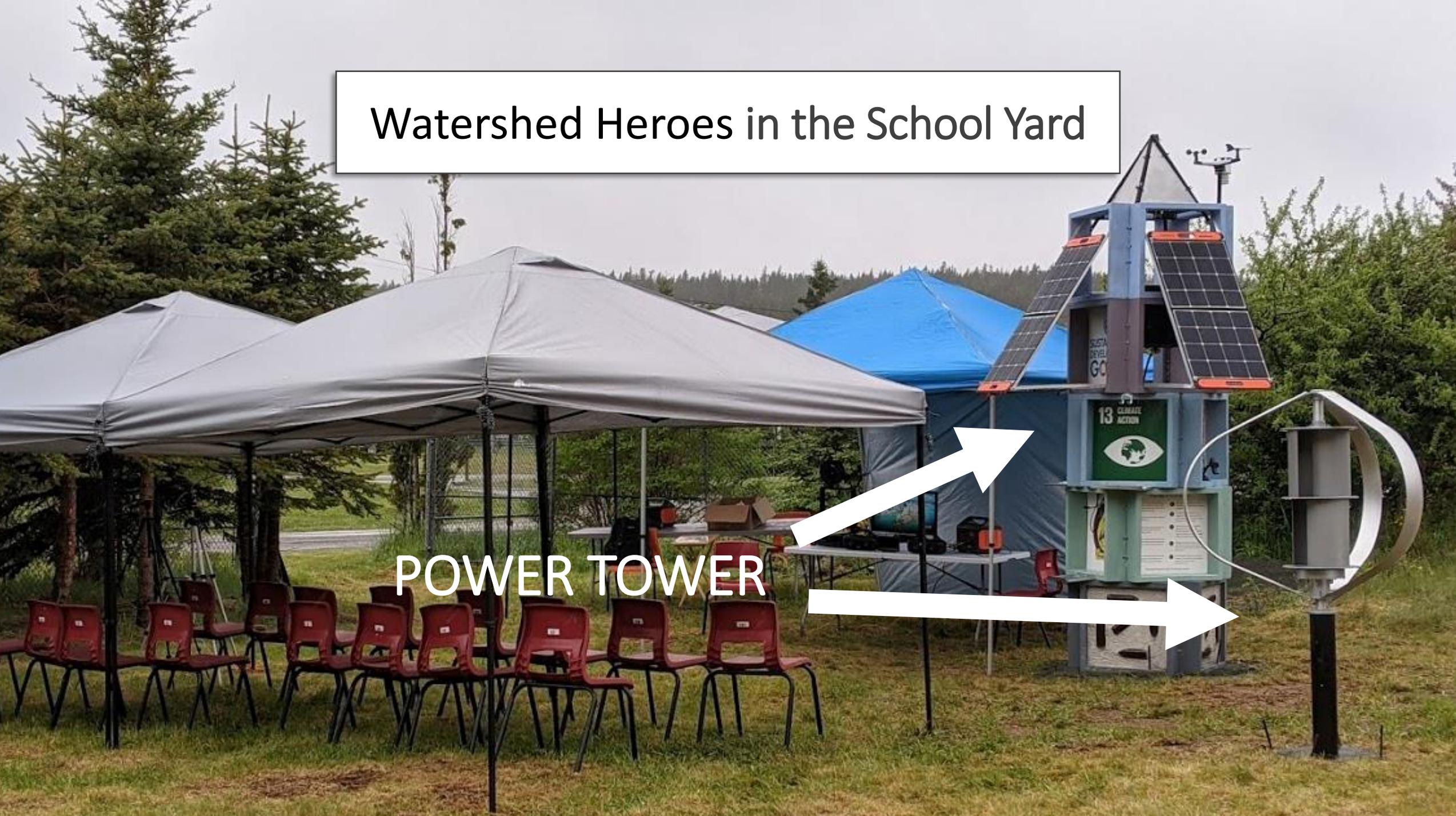
**Goal-**  
oriented

1. Encourage outdoor learning
2. Inspire climate change conversations
3. Promote collaboration
4. Connect schools all across the province

We use the Power Tower to support...

# Watershed Heroes in the School Yard

POWER TOWER



# Watershed Heroes in the School Yard



...and online!

# Watch “Watershed Heroes in the School Yard”

(<https://drive.google.com/file/d/1iT24FprO1UZjqBKI4IHNIej6ivz8DTrC/view?usp=sharing>)

...but, this is just the beginning.

We want to create a new approach using  
action-oriented school programming  
by helping you to become Watershed Heroes at  
school and in your communities!

The Question.

How can you and your class become the future  
Watershed Heroes we need?

The Answer.

Just get started!

An Example.

## **Become a Teacher for a day:**

Teach a Grade 4 class about a watershed and its importance.

### **Grade 4 Classroom Activity:**

Make your own watershed

<https://drive.google.com/file/d/1jG5Upe8oNcZPQiZvWQLggtLwu1wXRgo6/view?usp=sharing>



Want More?

Reach out!

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