

MAP and INTRODUCTION

Welcome to the WL McLeod Wetland Education Program.

This resource is curated for Kindergarten to Grade 2 classrooms. Some resources are mainly for the teacher/aid to complete, while others are for the students to fill in. The program is divided into Stations. There are 10 Stations in total. The Stations can be done individually and in no particular order. We encourage you to visit each of the Stations each season of the year, however if that isn't possible, the next best approach is to visit the 1-3 Stations that make the most sense for your learners. Below is the map and guide to the Stations. All the resources and some of the data collection forms are available online. A Wetland Classroom Learning Kit is also available to use. It has tools and equipment to help you gather data and explore the wetland.



Station 1: Insects and Aquatic Plants

Water collection, bug counting

Station 2: Forest and Wetland Interactions

Plant height measures, pollinator collect & observation

Station 3: Town and Wetland Interactions

Temperature and depth measurements, soundscape observations

Station 4: Animals

Wild and domestic animal counts (tracks, sightings)

Station 5: Caring for our Wetlands

Garbage collection and count

Station 6: Island Habitat

Observations and discussion about isolation, predation, stewardship involving an Indigenous perspective

Station 7: Bird Watching & Flooding

Observation of water level and plants, bird counting

Station 8: Riparian Zone & Berries

Plot study, berry identification

Station 9: Culverts

Water level measurements, drawing

Station 10: Bug Hotel

In development, bug observations

STATION 1: Insects & Aquatic Plants

Wetland Water Sample Collection Data Sheet



Fill in the table with what you catch and see in your nets!

Season:	Date:
Number of litres of water you collected:	

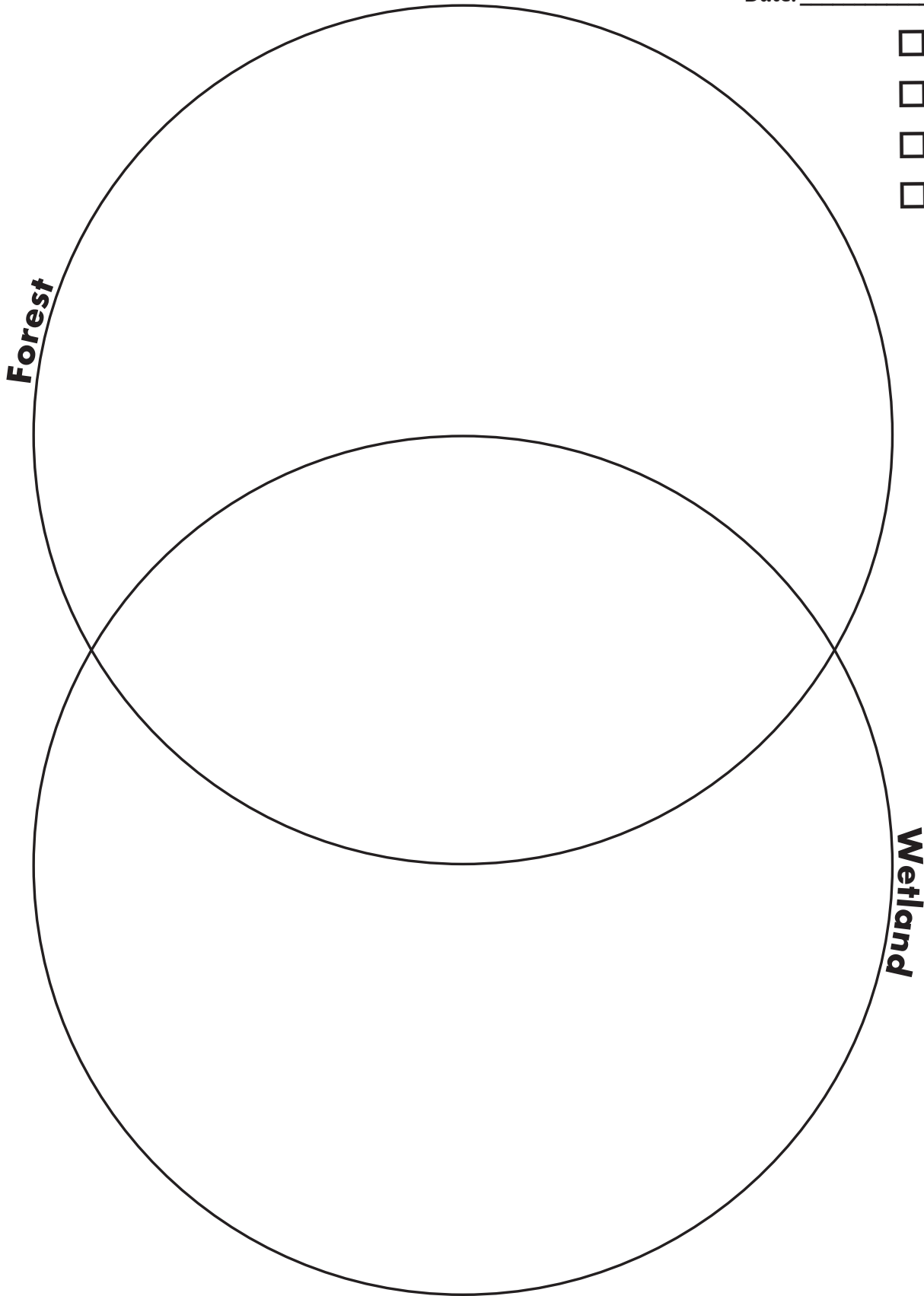
What did you collect?

STATION 2: Forest & Wetland Interactions

Forest and Wetlands: Similarities and Differences

Date: _____

- ☐ Fall
- ☐ Winter
- ☐ Spring
- ☐ Summer



STATION 2: Forest & Wetland Interactions

Plant & Pollinator Observation Sheet



Fill in the table with what plants and pollinators you observe at this site.

Season:		Date:	
Plant Species	Height	What stage is the plant?	
Wetland Grass Plant 			
Dandelion 			
Coniferous Tree Sapling 			
Pollinator Species	Number	What is the animal doing?	
Bumble bees 			
Butterflies 			
Draw what you see:			

STATION 3: Town & Wetland Interactions

Soundscape



Stop, be quiet, listen and record what you hear.

Season:	Date:
Town Sounds 	
Wetland Sounds 	

STATION 3: Town & Wetland Interactions

Water Measurements

Fill in the table with your measurements. Then record any other observations about the open water.

Season:		Date:	
Wetland Water Measurements			
Water Depth:		Secchi Depth:	
Water Temperature:		Air Temperature:	

Look 	Listen 
Smell 	Touch 

STATION 4: Animals

Animals we see and hear



What signs are left by animals that come into or live in the wetland?

Season:	Date:	
What signs of animals do you see?	Number you saw	Wild or Domestic

STATION 5: Caring for Wetlands

Human garbage in wetlands



Fill in the table with how much garbage you see. Collect the garbage.

Season: _____ Date: _____	
Garbage type	Count
Plastic bag 	
Pop bottles 	
Coffee cup 	
Take-out packaging 	
Plastic cups 	

Why is there garbage in the wetland?

What can we do to reduce garbage in this wetland?

STATION 6: Island Habitat & Stewardship

Counting Animals



What animals live on the island, in the water and on the land?

Season:	Date:
Island 	
Water 	
Land 	

STATION 7: Bird Watching and Flooding

Bird ID and Counting

Look for birds. What birds did you SEE
and what birds did you HEAR?



What colour are the wings?
How long is the beak?
How long is the tail?
Is the bird eating?
How long are the legs?
Is it in a bush or in the water?

Season:	Date:
 See	 Hear
What colour are the plants in the wetland?	Do you see water and how much?

STATION 9: Culverts

What is a culvert?

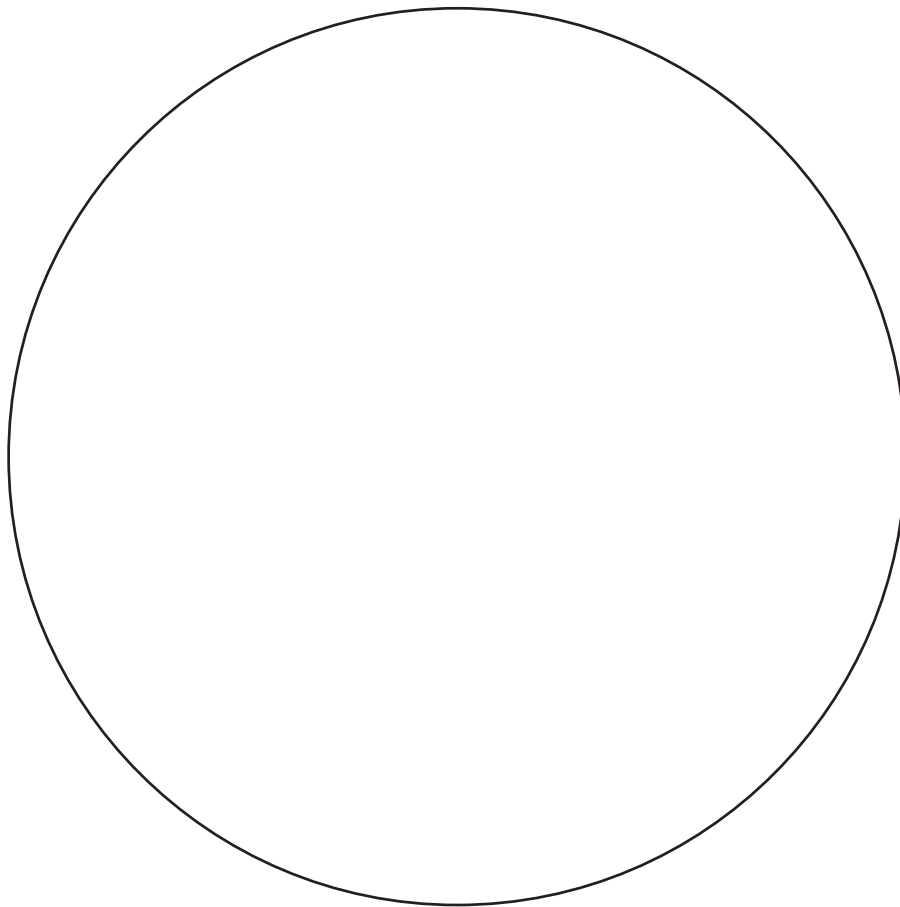


Measure the height of the culvert and the height of the water in the culvert.

Which way is the water flowing if there is water in the culvert?

Season: _____

Date: _____



Height of culvert: _____

Depth of water: _____

Water flow direction: _____

STATION 10: Bug Hotel

Bug Observation and Counting



Look at the bug hotel and record the bugs you see near the TOP and the BOTTOM of the hotel.

Season:	Date:
TOP	
BOTTOM	