



***Unless otherwise noted, answer your questions in complete sentences. ***

Before the Basin

1. Go to the Champlain Sea Tide Pool. Find out why we don't handle the animals. Should we handle animals in the wild? Why or why not?

- Yes, we should handle animals in the wild. No, we should not handle animals in the wild.

Why or why not? _____.

Lake Champlain Basin Program Resource Room

2. In the resource room, ask a volunteer about non-native animals. What is another name for non-native animals? List two non-native animals in Lake Champlain.

Another way to say "non-native" is: _____

Two non-native species in Lake Champlain are:

1. _____ 2. _____

3. Draw a picture of one invasive species and write 2 facts about it.



Two Facts about my invasive species:

1. _____

2. _____

Watershed Way

4. In a storm, water carries pollution across hard surfaces such as sidewalks and roads. How does the polluted water get into Lake Champlain?

_____.

Land of Opportunity

5. The top of mountains like Mt. Marcy and Mt. Mansfield are fragile areas called an Alpine Zone. How long did it take for the plants on top of Mt. Marcy to recover or grow back? What is one thing you can do while you are hiking to help the fragile plants on top of mountains?

It took the plants on the top of Mt. Marcy _____ years to recover (grow back).

I can help out the fragile plants on top of mountains by _____.

6. What would you do if you saw a turtle in the road? Check off ALL answers you think are correct.

- Take it home as a pet
- Take its picture

- Leave it there
- Move it to a new location

7. Go to the Be a Watershed Weather Reporter studio. Make your own weather report or watch someone make one of their own. What is one suggestion the weather report makes to help prevent pollution in our environment?

8. Look at the Introduce the Invasive Species board. Read about each invasive species. Draw one before and after picture that you see.

Before	After

Into the Lake

9. Play the Toxic Rail game located by the shipwreck. Write down 2 things you can do at home to help keep Lake Champlain clean.

- 1. _____
- 2. _____

10. What year were zebra mussels discovered in Lake Champlain?
Zebra mussels were discovered in _____.

List 2 problems zebra mussels cause in the Lake.

- 1. _____
- 2. _____



ECHO Opportunities for Stewardship Trek
Grades 2-4
ANSWERS

1. No, we should not handle animals in the wild. Touching a wild animal can cause you and the animal harm by passing bacteria or other germs that will make you or the animal sick. Wild animals can become stressed and should be left alone. The staff at ECHO have been trained to handle the animals and use protective measures to keep the animal and themselves healthy.
2. Another way to say “non-native” is “invasive species”.
3. Some invasive species in Lake Champlain are zebra mussels, sea lamprey, water chestnut and Eurasian watermilfoil.
4. After a storm, the water runs into storm drains which lead through pipes, out to the lake through gravity. The water also can be absorbed into the ground and run underground to streams or rivers which lead to Lake Champlain.
5. It took the plants on top of Mt. Marcy 18 years to recover. When you are hiking, you can help fragile alpine plants by staying on the trail and stepping on the rocks.
6. If you saw a turtle in the road, it would be a good idea to leave it there. If the turtle looks like it’s stuck, you could help it gently across the road (in the direction it was heading) using a stick or other object. Do not pick it up.
7. Each report has its own environmental protection suggestions.
 - Snowstorm: Use sand on the driveway instead of salt (which can harm lakes and rivers)
 - Thunderstorms: To avoid pollution running into the Lake after a big storm, scoop dog poop, use less fertilizer and switch to a phosphorus free detergent
 - Drought: Don’t waste water, turn off sprinklers, and stop filling pools
 - Flood: Pick up pet poop, use less fertilizer, and don’t dump anything down a drain
8. Draw the pictures you see.
9. There are many things you can do to help keep Lake Champlain clean: plant native plants, buy fishing gear made of non-toxic materials, use public transportation/carpool, wash dishes by hand, sort trash, recycle, bring hazardous materials to hazardous waste center, recycle/retread tires, donate or take back old computers.
10. Zebra mussels were discovered in Lake Champlain in 1993. Zebra mussels compete with native mussels for food, clog up drain and water pipes, damage motors, hurt tourism by cluttering beaches with sharp shells, throw natural communities into turmoil and cover and damage historic shipwrecks.

