



My Action Plan

Taking A Closer Look At Local Biodiversity

Instructions: Generating Ideas

- Use your prior knowledge and the resources included to answer the following questions.
- Share your answers with the members of your project group.
- Together, identify the issue that you all agree to research further and plan to solve.
- You can take this one step further by submitting your solution ideas to the OurEcho Challenge. Use the OurEcho Challenge [Planning Project Worksheet](#) and [Challenge Checklist & Winning Tips](#) to help your team gather your information to submit your official entry.

Part I

Biodiversity: *What Should Be?*

Think about your region's ecosystem and what you have learned about biodiversity. Jot down your thoughts about your region's *ideal, native* (natural) biodiversity:

Part 2

Biodiversity: *What Is, Presently?*

1. Think about your school and your neighborhood.
 - Is there evidence of low biodiversity in the area? How do you know?
 - How would you identify and measure the variety of species in your neighborhood?
 - Are there factors harming biodiversity in your area that are caused by human activity?
2. Complete the following chart, using the links provided.

	<u>Invertebrates:</u> Insects, etc.	<u>Birds</u>	<u>Amphibians & Reptiles</u>
Is there a variety of species present?			
If so, what is the variety of species? How many different species can you identify locally?			
If there is no variety, why might there be low biodiversity?			

	<u>Freshwater Fish/ Saltwater Fish</u>	<u>Mammals</u>	<u>Plants and Trees</u>
Is there a variety of species present?			
If so, what is the variety of species? How many different species can you identify locally?			
If there is no variety, why might there be low biodiversity?			



Think about all the categories above. Are there invasive species in your community? If so, list them here:

How is it invasive? Was it previously introduced with a purpose or coincidentally transported?

How is it affecting the local environment? How is it affecting you?

What action can you take to reduce its negative impact?



Part 3

Biodiversity: What Can Be?

How could you increase the diversity of insects, birds, amphibians, mammals, plants or trees in your local area? Which area would your group like to focus on?

Follow the steps below to describe, draft and/or sketch your solutions and ideas on the next page.



