


Exploring The Field

Chaperone Guide

CONSERVATION IN ACTION

Grade Level	Ideal for 9 th -12 th grade Appropriate for ages 12-18	
Exhibition	<i>Abbott Hall of Conservation</i> <i>Restoring Earth</i>	
Time	1 hour	

Overview

In this exploration, students will examine diverse environmental conservation efforts made by scientists and community members. Students will first describe each issue and the action taken to address the issue. Then, students will analyze the results of the conservation efforts.

Guiding Question

In what ways do scientists work together with community members to promote healthy natural ecosystems and human societies?

Key Words

Environment - the physical and biological components surrounding an organism

Environmental Conservation - the protection of natural ecosystems and human societies

Habitat - the place where an organism naturally lives or grows

Connections to Standards

Next Generation Science Standards

Disciplinary Core Idea ESS3.C: Human Impacts on Earth Systems

The sustainability of human societies and the biodiversity that supports them requires responsible management of natural resources (HS-ESS3-1)

Disciplinary Core Idea ETS1.B: Developing Possible Solutions

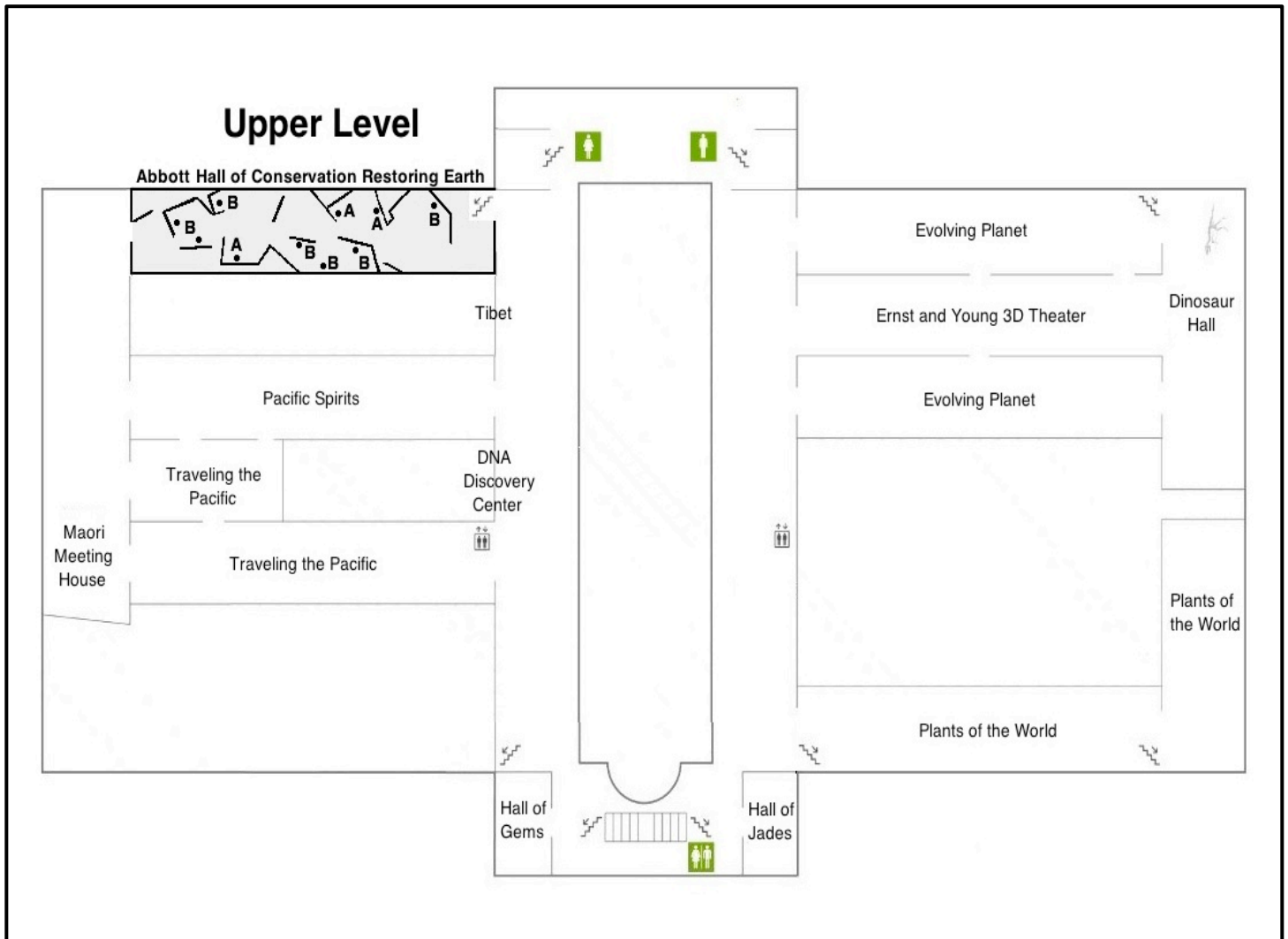
When evaluating solutions, it is important to take into account a range of constraints, including cost, safety, reliability, and aesthetics, and to consider social, cultural, and environmental impacts. (HS-ETS1-3)

Trip Tip: When students first enter an exhibition, encourage them to look around freely before asking them to concentrate on completing this guide. Becoming familiar with their learning space will help students focus.

Map

Exhibition:

Abbott Hall of Conservation Restoring Earth



If you have extra time, visit these related exhibitions:

Evolving Planet (Upper Level)

Nature Walk (Main Level)

Messages from the Wilderness (Main Level)

CONSERVATION IN ACTION

Chaperone Guide

CONSERVATION IN ACTION Student Guide

NAME _____

Think (before you explore)

What are ways that you and your community work to care for the environment?

At The Field Museum you will explore ways scientists and community members work together to promote healthy ecosystems and human societies.

Observe and Explain (in the exhibition) – Part A

Travel to the **Abbott Hall of Conservation Restoring Earth** exhibition located on the **Upper Level**. Find each of the following topics in the exhibition and complete the charts below.

The Maijuna and the Aguaje Palm	Issue: What were scientists' concerns in this area?	
	Action: What change was made to improve the situation?	
	Results: What happened?	
Birds Migrating Through Chicago	Issue: What were scientists' concerns in this area?	
	Action: What change was made to improve the situation?	
	Results: What happened?	
The Cofan	Issue: What were scientists' concerns in this area?	
	Action: What change was made to improve the situation?	
	Results: What happened?	

Trip Tip: Before you begin, find a bench or a spot on the floor. Give students an overview of this activity and ask them the **Think** questions.

Location Tip: This section is located under the green display that says, "The Maijuna – trading axes for climbing harnesses"

Location Tip: This section is located under the green display that says, "Conservation begins with knowing what species are found where."

Location Tip: The Cofan section is located under the green display that says, "Protecting the forests that sustain our planet."

CONSERVATION IN ACTION

Chaperone Guide

Observe and Explain (in the exhibition) – Part B

There are 20 movies that play throughout this exhibition on 7 different screens. **Watch** at least one of these movies to complete the prompts below.

Topic: _____			
The environmental issue:	Action(s) taken:	Challenges encountered:	Results of the action(s):

Trip Tip: Encourage students to watch a few movies before selecting one to write about. See the **Chaperone Guide Map** for movie locations. All of the movies in the exhibit can be found at: restoringearth.fieldmuseum.org/media.html

Share and Compare (after you explore) – Part C

In small groups, discuss your observations. Then discuss an environmental issue in your school or community and complete the table below.

The issue:	
I can be a part of the solution by:	
I can make others aware of this issue by:	
I might run into these challenges:	
I want to see these results:	

Trip Tip: Find a quiet spot in the Museum to discuss the **Share and Compare** ideas or ask students to draw and write answers to these questions when they return to school.

Trip Tip: Students can start with small changes (i.e. turning off the lights), but also encourage them to discuss the larger-scale implications of those small actions. Ask them to be as specific as possible.

To learn how you can become involved in local conservation efforts, visit: fieldmuseum.org/explore/department/ecco/get-involved

Trip Tip: to explore ways that you and students can get involved in local conservation efforts, visit: fieldmuseum.org/explore/department/ecco/get-involved

CONSERVATION IN ACTION

Student Guide

NAME _____

Think (before you explore)

What are ways that you and your community work to care for the environment?

At The Field Museum you will explore ways scientists and community members work together to promote healthy ecosystems and human societies.

Observe and Explain (in the exhibition) – Part A

Travel to the ***Abbott Hall of Conservation Restoring Earth*** exhibition located on the **Upper Level**. Find each of the following topics in the exhibition and complete the charts below.

The Maijuna and the Aguaje Palm	Issue: What were scientists' concerns in this area?	
	Action: What change was made to improve the situation?	
	Results: What happened?	
Birds Migrating Through Chicago	Issue: What were scientists' concerns in this area?	
	Action: What change was made to improve the situation?	
	Results: What happened?	
The Cofan	Issue: What were scientists' concerns in this area?	
	Action: What change was made to improve the situation?	
	Results: What happened?	

Observe and Explain (in the exhibition) – Part B

There are 20 movies that play throughout this exhibition on 7 different screens. **Watch** at least one of these movies to complete the prompts below.

Topic: _____			
The environmental issue:	Action(s) taken:	Challenges encountered:	Results of the action(s):

Share and Compare (after you explore) – Part C

In small groups, discuss your observations. Then discuss an environmental issue in your school or community and complete the table below.

The issue:	
I can be a part of the solution by:	
I can make others aware of this issue by:	
I might run into these challenges:	
I want to see these results:	

To learn how you can become involved in local conservation efforts, visit:
fieldmuseum.org/explore/departments/ecco/get-involved