

STUDENT WORKSHEET

THREATS TO MANGROVES

Reading Activity: Identify the Problems

Name: _____ Class: _____
Date: _____



Learning Objective

After completing this activity, students are able to:

- ☒ identify environmental problems in a reading text;
- ☒ identify causes of mangrove loss;
- ☒ identify effects of mangrove loss;
- ☒ find important information from a text.



A. READ THE TEXT

Threats to Mangroves

Mangrove ecosystems face several threats. Cutting down mangrove trees for land, wood, or fish and shrimp ponds is one common problem. When mangroves are cut, animals lose their habitat and the coast becomes more open to erosion.

Plastic and household waste is another threat. Waste can enter rivers and flow into mangrove areas, harming plants and animals.

Climate change, including rising sea levels and stronger storms, also puts extra pressure on mangrove forests.

Protecting mangroves needs cooperation between communities, government, and schools.



Cutting Trees



Plastic Waste



Climate Change



Cooperation

B. FIND THE PROBLEMS

What environmental problems are mentioned in the reading?

Read the text carefully. Write at least three environmental problems mentioned in the text.

1. _____
2. _____
3. _____
4. _____

Help Box

cutting down trees – plastic waste – household waste –
climate change – rising sea levels – stronger storms



C. FIND THE CAUSES

What can cause mangrove loss?

Complete the sentences based on the reading.

1. Mangrove trees are cut down for _____, _____, and _____.
2. Plastic and household waste can enter _____ and flow into mangrove areas.
3. Climate change can cause _____ sea levels and stronger _____.



Think More!

What can cause mangrove loss?
Write your answer in your own words.



D. FIND THE EFFECTS

What can happen when mangroves are lost?

Complete the table.

Cause	Effect
Mangrove trees are cut down.	Animals lose their _____.
Mangrove trees are cut down.	The coast becomes more open to _____.
Waste enters mangrove areas.	Plants and animals can be _____.
Sea levels rise and storms become stronger.	Mangrove forests experience more _____.



E. CAUSE AND EFFECT MATCHING

Match each cause with the correct effect.

Causes

1. Mangrove trees are cut down.
2. Plastic waste enters mangrove areas.
3. Household waste flows into mangrove forests.
4. Sea levels rise.

Effects

- A. Plants and animals can be harmed.
- B. Animals lose their habitat.
- C. Mangrove forests face extra pressure.
- D. The coast becomes more open to erosion.



F. LET'S UNDERSTAND THE TEXT

Choose the best answer.

1. What is the main topic of the text?
 - a. The beauty of mangrove forests
 - b. The threats to mangrove ecosystems
 - c. The animals living in mangroves
 - d. How to plant mangrove trees
2. Why are mangrove trees cut down?
 - a. To protect animals
 - b. To clean the rivers
 - c. For land, wood, and fish or shrimp ponds
 - d. To prevent climate change
3. What happens when mangroves are cut down?
 - a. Animals get more habitats.
 - b. The coast becomes more protected.
 - c. Animals lose their habitat.
 - d. The water becomes cleaner.
4. How can waste reach mangrove areas?
 - a. It can enter rivers and flow into mangrove areas.
 - b. It grows on mangrove trees.
 - c. It comes from the sky.
 - d. It is produced by mangrove trees.
5. Who needs to cooperate to protect mangroves?
 - a. Only students
 - b. Only the government
 - c. Communities, government, and schools
 - d. Fishermen and tourists only



G. THINK DEEPLY

1. Which threat to mangroves do you think is the most serious? Why?

2. What might happen to coastal communities if mangroves continue to disappear?

3. How can students help reduce threats to mangroves?

H. MY ECO MESSAGE

Create a short message to encourage your friends to protect mangroves.

I. SELF-ASSESSMENT

Put a ✓ in the appropriate column.

I can...	Yes	Almost	Not Yet
identify problems in the text	☐	☐	☐
identify causes of mangrove loss	☐	☐	☐
identify effects of mangrove loss	☐	☐	☐
find important information in a reading text	☐	☐	☐
explain why mangroves need protection	☐	☐	☐

LET'S PROTECT MANGROVES
LET'S PROTECT OUR FUTURE!