

## Introduction

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*Welcome to our worksheet on protecting and restoring marine ecosystems! Marine ecosystems are essential for our planet, providing us with food, oxygen, and many other benefits. However, they are facing many threats, including pollution, overfishing, and climate change. In this worksheet, we will explore the importance of marine ecosystems, the threats they face, and what we can do to protect and restore them.*

## Multiple Choice Questions

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Choose the correct answer for each question:

1. What percentage of the Earth's surface is covered by oceans?

- a) 50%
- b) 71%
- c) 80%
- d) 90%

Answer: b) 71%

2. What is the main cause of marine pollution?

- a) Overfishing
- b) Climate change
- c) Human activities (such as littering and industrial waste)
- d) Natural disasters

Answer: c) Human activities (such as littering and industrial waste)

3. What is the term for the practice of fishing in a way that does not harm the environment?

- a) Sustainable fishing
- b) Overfishing
- c) Commercial fishing
- d) Recreational fishing

Answer: a) Sustainable fishing

## Short Answer Questions

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*Answer the following questions in complete sentences:*

1. What are some of the benefits of marine ecosystems?

2. What are some of the threats facing marine ecosystems?

3. What can we do to help protect marine ecosystems?

## Essay Question

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*Choose one of the following essay questions and write a short essay (approx. 250-300 words):*

1. What are the importance of marine ecosystems and why do we need to protect them?

2. What are some of the ways that human activities are impacting marine ecosystems, and what can we do to reduce our impact?

3. How can we balance the need to use marine resources (such as fish and oil) with the need to protect marine ecosystems?

## Activity

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*Create a poster or flyer about the importance of protecting marine ecosystems. Include the following information:*

- A picture or diagram of a marine ecosystem
- A list of the benefits of marine ecosystems
- A list of the threats facing marine ecosystems
- A list of ways that individuals can help protect marine ecosystems

[Space for creative work]

## Case Study

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*Read the following case study and answer the questions that follow:*

Case Study: The Great Barrier Reef is one of the most biologically diverse ecosystems on the planet, with over 1,500 species of fish and many other creatures. However, it is facing many threats, including climate change, pollution, and overfishing.

1. What are some of the threats facing the Great Barrier Reef?

2. What can be done to help protect the Great Barrier Reef?

3. Why is it important to protect the Great Barrier Reef?

## Word Search

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*Find the following words related to marine ecosystems in the word search:*

- OCEAN
- FISH
- CORAL
- POLLUTION
- SUSTAINABLE
- CONSERVATION

[Word search puzzle]

## Crossword Puzzle

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*Complete the crossword puzzle using the following words related to marine ecosystems:*

- MARINE
- ECOSYSTEM
- BIODIVERSITY
- CONSERVATION
- SUSTAINABLE
- POLLUTION

[Crossword puzzle]



## Quiz

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*Take the following quiz to test your knowledge about marine ecosystems:*

1. What is the largest living structure on Earth?

- a) The Great Barrier Reef
- b) The Amazon Rainforest
- c) The Grand Canyon
- d) The Great Wall of China

Answer: a) The Great Barrier Reef

2. What is the main cause of coral bleaching?

- a) Pollution
- b) Overfishing
- c) Climate change
- d) Natural disasters

Answer: c) Climate change

## Conclusion

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*Congratulations on completing our worksheet on protecting and restoring marine ecosystems! We hope that you have learned something new and interesting about the importance of marine ecosystems and the threats they face. Remember that every small action can help make a difference in protecting our planet's precious marine ecosystems.*