

Exploring Global Warming and the Great Barrier Reef

An Educational Journey for 7-Year-Olds

"Let's explore and learn about global warming and the Great Barrier Reef!"

Introduction

Global warming is a big problem that affects our planet. It's making the Earth's temperature rise, and it's hurting the Great Barrier Reef and its marine life.

What is the Great Barrier Reef?

The Great Barrier Reef is the world's largest coral reef system, located in Australia. It's home to many different species of fish, coral, and other marine life.

What is global warming?

Global warming is the increase in the Earth's temperature due to human activities like burning fossil fuels and deforestation.

Key Vocabulary

- Carbon cycle: the process by which carbon is exchanged between the atmosphere, oceans, land, and living things.
- Greenhouse gases: gases in the Earth's atmosphere that trap heat and contribute to global warming.
- Ecosystem: a

Technology Integration

We can use technology to help reduce global warming! We can use apps to track our carbon footprint, or use online resources to learn more about the Great Barrier Reef.

Vocabulary Practice

Let's practice using the past tense of regular verbs and irregular verbs that change spelling. For example:

- I walked to school yesterday. (regular verb)
- I took my bookmark and key chain with me. (irregular verb)
- My mom used her wallet to buy a new handbag. (regular

"Let's learn more about the carbon cycle and how we can help reduce global warming!"

The Carbon Cycle

The carbon cycle is like a big circle. Plants absorb carbon dioxide from the air, and then they release oxygen. Animals eat plants and release carbon dioxide when they breathe out.

How can we help?

- Using public transport or walking/biking instead of driving.
- Turning off lights and electronics when not in use.
- Reducing, reusing, and recycling.

Fun Facts

- The Great Barrier Reef is over 2,300 kilometers long!
- Coral reefs are home to over 25% of all marine species.
- We can all make a difference by reducing our carbon footprint!

Key Takeaways

1. Global warming is a big problem that affects our planet.
2. The carbon cycle is an important process that helps regulate the Earth's temperature.
3. We can all help reduce global warming by making small changes in our daily lives.

Assessment

What did you learn about global warming and the Great Barrier Reef? How can you help reduce global warming in your daily life?

Teacher Notes

Encourage students to ask questions and think critically about global warming and the Great Barrier Reef. Provide opportunities for students to share their thoughts and ideas.