



Our

英語で考えよう！ 地球の未来
クリティカル・シンキングを養う総合英語

World

An Introduction to Environmental Issues

Today

Adam Murray Anderson Passos

NAN' UN-DO

About this book

This book was specially designed to teach environmental issues topics to L2 students in a CLIL setting. Although some high-level vocabulary is used, 70% of the words in each main text are inside the first 1000 most commonly used words of English. This allows L2 students to improve their language skills while at the same time learning the content.

The exercises and activities in this book are the result of empirical observation by the authors in their own classes, which makes this book attractive not only from the language point of view but also a tool for teaching that has been proven to work.

This approach is very effective when used in conjunction with active learning strategies. Critical thinking is promoted in every unit through small group work and questions that require students to find answers on their own.

During the gap-fill activity, students have to, once again, make sure they know all the additional unit vocabulary.

In addition, by having students create their own sentences, instructors can explore vocabulary with different meanings.

- B. Complete the sentences with the words from MATCHING.**
- Two hundred people lost their homes as a direct _____ of the forest fire.
 - Is there a _____ type of food that she enjoys?
 - Japanese people _____ a lot of rice.
 - It is a good _____ to brush your teeth after eating.
 - He is always _____ and takes the largest piece first.

Writing Sentences

Write two original sentences using words from MATCHING. You may need to change the word form.

- _____
- _____

Reading

Read this passage carefully and underline any unknown words.

An environmental issue, or an **environment** related problem, happens every time there is a change in the quality and quantity of an environmental **factor**. It can either have direct or indirect causes and effects. This means that most of the time it is necessary to look around searching for **clues** in order to understand how it happens and what are its **consequences**.

In recent years, environmental issues have gained people's attention mainly due to concerns of natural resource **depletion** and the risk of our planet not being able to support the demands of future generations. The general public and many non-governmental organizations (NGOs) have put a lot of pressure on governments and companies to address known problems. Also, citizens all over the world have changed their **consumption habits** in an effort to **minimize** the effects we have on our environment.

The main unit text, with 70% or more within the 1000 most common words of English, helps ensure that even weaker students grasp the content. The work done in Vocabulary Focus makes sure that additional vocabulary is covered before students engage with the unit text.

The title of each unit put at the top of the page in large letters.

Every unit has a very appealing and easy to understand picture that gives an idea of what is going to be learned by the students.

A direct caption is present below every unit picture, summarizing the meaning of the unit's title.

Before starting a unit, the objectives are made clear, so students know what to expect.

The MATCHING exercise challenges students on advanced vocabulary that is necessary in order to fully understand the main text.

Comprehension of the text is crucial for students to understand the content of the unit. In this part, students are required to go back into the text and find answers. The comprehension section is conveniently placed on odd pages to make sure that students have access to the text all the time.

To further test students understanding, this section requires students to fix the misleading statements. All information, again, is available in the text on the left page.

Unit
1

Introduction to
Environmental Issues

Environmental issues covers problems related to nature and society.
At the end of this unit, you will be able to ...
☐ understand why environmental issues are important.
☐ understand how our habits impact our environment.
☐ understand high-level vocabulary related to environmental issues.

Vocabulary Focus

A. Match the words (1-12) with the correct definitions (a-l). The first one has been done for you!

1. (g) affect	7. () environment
2. () clue	8. () factor
3. () consequence	9. () habit
4. () consume	10. () minimize
5. () damage	11. () particular
6. () deplete	12. () selfish

Understanding

A. Choose the best answer to each question.

- To understand environmental issues we have to ...
 - change the quality and quantity of an environmental factor.
 - look around to see its consequences.
 - understand how it happens and its consequences.
- To minimize the damage on the environment ...
 - NGOs have put a lot of pressure on governments and companies.
 - our planet must be able to support the demands of future generations.
 - people all over the world did not change their consumption habits.
- New technologies have been developed to address many environmental issues ...
 - and reports of their side-effects are available.
 - but little is known about their side effects.
 - but these technologies have no impact on the environment.

B. Answer the following questions. Use complete and grammatically correct sentences.

- What are environmental issues?

- Why are people recently getting interested in environmental issues?

- How can interest groups misdirect our attention to environmental problems?

C. The following statements have mistakes. Correct them.

- Some researchers say that we can still save our planet.

- The only thing we need to do is to understand the causes of environmental problems.

- Countries and businesses are showing the public all bad points of new technologies.

D. These sentences were used in the **READING**. Circle the word that has a similar meaning.

1. Most of the time it is necessary to look around searching for clues.
a. glue b. hint c. problem

2. New technologies have been developed to address many environmental issues.
a. the place of living b. to minimize c. to deal with

3. Some researchers say that it is already too late to reverse the damage.
a. to renew b. to fix c. to change

4. It is important to understand the causes of current environmental issues.
a. recent b. electricity c. important

5. Countries are running to deal with related environmental problems.
a. looking for solutions b. avoiding c. quickly using

|| Listening

A. Listen to each question and circle the letter of the best answer.

1. What should we look for to better understand environmental issues?
a. damage b. habits c. hints

2. a. citizens b. governments c. NGOs

3. a. the other side b. their side c. both sides

B. Listen and write each sentence you hear.

1. This problem _____ one _____ five people.

2. NGOs _____ a lot of _____ governments and companies.

3. Overfishing is _____ in _____.

4. _____

5. _____

Small group discussion can be used to expand the class with student-generated content and promote knowledge sharing among students. Notes and drawings can be taken directly in the textbook.

At the end of the unit, students are able to check their learning progress by checking the items that are expected from them.

Extra vocabulary work is done by exploring words with meanings that are context dependent.

The questions or the sentences all commonly related to the topics are recorded on the audio CD.

1 Introduction to Environmental Issues

|| Discussing

With a partner or in a small group, answer ONE of the following questions.

a. What environmental issue is in the news recently?

b. Have you ever changed a habit because of its environmental impact?

c. What environmental problem is the most important for you and what can be done about it?

Take your notes in the space below:

|| Reviewing

Before you move on to the next unit, make sure you can check all the boxes.

☐ I can explain what environmental issues are.

☐ I can list some environmental issues.

☐ I understand that new technologies have good and bad points.

☐ I understand how my actions can affect the environment.

▶ 11

Lastly, we would like to make clear that this book does not provide all content necessary to teach a course. Class activities and homework can and should go beyond the scope of this book, but we really hope it will serve as an easy to understand, follow and measure educational tool for both instructors and students.

Adam and Anderson

Contents

《審査用見本についてのご注意》

本テキストは審査用見本版テキストでございます。目次、内容等には大きな変更はございませんが、一部表現、誤字脱字等の修正を加える可能性もございますので、予めご諒承下さい。尚、ご採用の際には、「完成品」をご使用頂けますようお願い申し上げます。

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Introduction to Environmental Issues

Environmental issues covers problems related to nature and society.

At the end of this unit, you will be able to ...

- ☐ understand why environmental issues are important.
- ☐ understand how our habits impact our environment.
- ☐ understand high-level vocabulary related to environmental issues.

Vocabulary Focus

A. Match the words (1-12) with the correct definitions (a-l). The first one has been done for you!

- | | |
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| 6. () deplete | 12. () selfish |

- a. to reduce something by a large amount so that there is not enough left
- b. a thing that you do often and almost without thinking, often something that is hard to stop doing
- c. one thing or person among many
- d. to use something, to eat or drink
- e. a fact or a piece of evidence that helps you discover the answer to a problem
- f. the natural world in which people, animals and plants live
- g. to produce a change on something or someone**
- h. physical harm caused to something which makes it less attractive, useful or valuable
- i. one of several things that cause or influence something
- j. a result of something that has happened
- k. caring only about yourself instead of other people
- l. to reduce something, especially something bad, to the lowest possible level

B. Complete the sentences with the words from MATCHING.

- Two hundred people lost their homes as a direct _____ of the forest fire.
- Is there a _____ type of food that she enjoys?
- Japanese people _____ a lot of rice.
- It is a good _____ to brush your teeth after eating.
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In recent years, environmental issues have gained people's attention mainly due to concerns of natural resource **depletion** and the risk of our planet not being able to support the demands of future generations. The general public and many non-governmental organizations (NGOs) have put a lot of pressure on governments and companies to address known problems. Also, citizens all over the world have changed their **consumption habits** in an effort to **minimize** the effects we have on our environment.

As countries and businesses run to deal with related environmental problems, time has shown that most changes happen when there is a **particular** interest to be fought for. In most cases, interest groups are quick to show their side of the story to the public. For example, new technologies have been developed in an attempt to address many environmental issues, but little is reported about the side effects and limitations of such technologies or how their use might have even more impact on our environment.

Some researchers say that it is already too late to reverse the **damage** we, human beings, have caused to our planet and that future generations are the ones who will pay for our **selfishness**. Whether it is true or not, it is important for us to not only understand the causes and effects of current environmental issues, but also to make sure that our actions do not negatively **affect** the environment.

(296 words)

NOTES non-governmental organizations (NGOs)

Understanding

A. Choose the best answer to each question.

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A. Listen to each question and circle the letter of the best answer.



3

- What should we look for to better understand environmental issues?
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B. Listen and write each sentence you hear.



4

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