

Participant Guide

ORACLES OF TRUTH
ACADEMY

Carbon Emissions Review, Part 1

Greenhouse Gases and Climate Change

Notice: The teleconference bridge may be recorded

Hi I'm Owl!

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topics covered

- Review Time
- Climate Change
- Weather vs. Climate
- Greenhouse Effect
- The Carbon Cycle
- Gamification Quiz

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review time

5 minutes

- Access the RITMO Community.
- Log in to your account.
- Go to the Eco-friendly Emissions for Youth and Adults (eModule).
- Reread Lesson 2: Carbon Emissions, Part 1.

TIME FOR REVIEW

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climate change

● Watch the video.

Climate - The Environment for Kids

[Click to Watch](#)



4:59 minutes

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weather vs. climate

● Watch the video.

Difference Between Weather and Climate

[Click to Watch](#)



2:00 minutes

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greenhouse effect

● Watch the video.

What is the Greenhouse Effect?

[Click to Watch](#)



2.29 minutes

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the carbon cycle

- Watch the video.

The Carbon Cycle

Click to Watch



0:58 minutes

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Gamification Quiz

- A correct answer participant receives points and value.
- An incorrect answer participant loses points and value.

Gamification Point Scale

Activity	Points	Value
Easy Question	1	\$1.00
Video Question	3	\$3.00
Difficult Question	5	\$5.00

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question #1

Which of the following are the top three Greenhouse Gases? Select all that apply.

- A. Carbon Dioxide
- B. Methane
- C. Carbon Monoxide
- D. Nitrous Oxide

Value: 1 point

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question #2

Which of the following is an indirect Greenhouse Gas?
Select the best answer.

- A. Carbon Monoxide
- B. Nitrous Oxide
- C. Carbon Dioxide
- D. Methane

Value: 1 point

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question #3

_____ is often referred to as the greenhouse effect. Enter the answer in the field below.

Value: 1 point

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question #4

Global warming is another way to describe which climate change phenomenon? Select the best answer.

- A. Greenhouse gases
- B. Greenhouse effect
- C. Hot atmosphere
- D. Atmospheric pressure

Value: 1 point

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question #5

What's the difference between weather and climate change? Select all that apply.

- A. Weather and climate change are the same.
- B. A temporary condition or change in environmental conditions.
- C. A change in weather conditions over a long period.
- D. A temporary change in the atmosphere.

Value: 5 points

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question #6

Which of the following are good examples of weather? Select all that apply.

- A. Rain
- B. Planetary temperature increase
- C. Snow
- D. Ice melting in Antarctica

Value: 1 point

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question #7

Which of the following are good examples of climate change? Select all that apply.

- A. Low air quality between 1970 and 2000
- B. Hurricane
- C. Tornado
- D. Ice melting in Antarctica

Value: 1 point

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