



ORACLES OF TRUTH™
ACADEMY

Carbon Emissions Review, Part 1

Greenhouse Gases and Climate Change

Notice: The teleconference bridge may be recorded



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Carbon Emissions Review, Part 1

1. **Introduce** yourself, as needed.
2. **Ask** students to introduce themselves, as needed.
3. **Ask** students to share the following:
 - What is your name?
 - One fun fact about yourself.
 - What you hope to get out of the training?

Time: 3-minutes

topics covered



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



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Topics Covered

1. **Review** the topics to be discussed.
2. **Remind** students that active participation, interaction and inquiry are required actions and they should be self-motivated to engage in lively, provocative discussions.

Time: 2-minutes

review time



- 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.

5 minutes



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Review Time

1. **Ask** learners to access the RITMO Community and login to their Member Account.
2. **Ask** them to go to the Eco-friendly Emissions for Youth and Adults (eModule).
3. **Ask** learners to reread Lesson 2: Carbon Emissions, Part 1.

Time: 5-minutes

climate change



- Watch the video.

Climate – The Environment for Kids

[Click to Watch](#)



4:59 minutes

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Climate Change

1. **Review** each video with learners.

Time: 4:59-minutes

weather vs. climate



- Watch the video.

Difference Between Weather and Climate

[Click to Watch](#)



2:00 minutes

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Weather vs. Climate

1. **Review** each video with learners.

Time: 2-minutes

greenhouse effect



● Watch the video.

What is the Greenhouse Effect?

[Click to Watch](#)



2.29 minutes

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Greenhouse Effect

1. **Review** each video with learners.

Time: 2:29-minutes

the carbon cycle



- Watch the video.

The Carbon Cycle

[Click to Watch](#)



0:58 minutes

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The Carbon Cycle

1. **Review** each video with learners.

Time: 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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Gamification Quiz

1. Review Lesson 2: Carbon Emissions Review, Part 1 with participants.
2. Use the Gamification Point Scale to keep track of each student's score.
3. Conduct a round robin with participants and have them answer the questions. Note: A correct answer the participant receives the positive points and value.. An incorrect answer participant receives negative points and value.
4. Keep a tally of all points and dollar value earned by each participant for each gamification review activity.
5. Participants must complete the full eCourse (eModule + eClass) to earn their stipend at the end of the training.
6. **Time: 3** minutes

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

Answer
A, B, and D

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Question #1

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.

Time: 1 minute

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

Answer

A

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Question #2

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.
6. **Time:** 1 minute

question #3



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

Value: 1 point

Answer
Global Warming

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Question #3

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.
6. **Time:** 1 minute

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

Answer
B

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Question #4

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.
6. **Time:** 1 minute

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

Answer
B and C

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Question #5

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.
6. **Time:** 1 minute

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

Answer
A and C

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Question #6

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.
6. **Time:** 1 minute

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

Answer
A and D

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Question #7

1. Present the question to all participants. The first hand raised gets to answer the question.
2. If answered correctly, participant earns points and value. Tally points and value for the participant. Go to next question.
3. If answered incorrectly participant loses points and value. Tally points and value. Allow another participant a chance to answer the question. If the second participant answers correctly, participant. Earns points and value. Tally points and value. If answered incorrectly participant loses points and value. Tally points and value.
4. Show the correct answer after the second failed attempt to answer the question.
5. Go to next question.
6. **Time:** 1 minute