

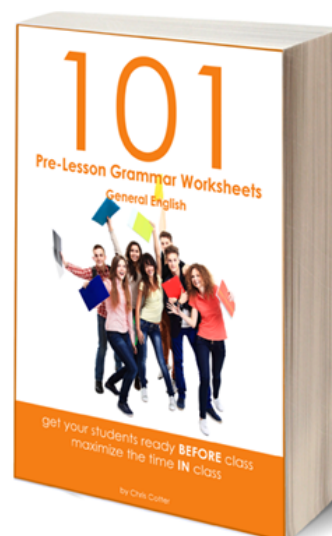
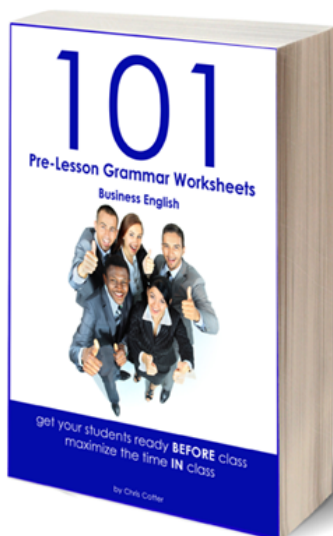
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the ARTICLE (for teachers)

UFO Science Could Combat Global Warming

According to a report submitted to the UN, the US will emit more not less greenhouse gases by 2020. The US is already one of the world's largest polluters. It produces 25% of the pollution that causes global warming. Even worse, more and more scientists are concluding that we cannot stop global warming. If all countries stopped producing greenhouse gases tomorrow, then temperatures would still increase.

In the future, global warming will seriously affect the US and its economy. Opponents say that the US needs to do more. Its current policy only focuses on slowing the amount of carbon dioxide and other harmful gases which are released. The administration hasn't passed any policies that reduce emissions.

Scientists are working to improve wind and solar power at the moment. But maybe the answer to global warming is simpler. Paul Hellyer, a former Canadian defense minister from the 1960s, has asked all governments to release their information on UFOs. He has explained that we could find different, cleaner energy sources with the alien technology. Those spacecrafts have traveled great distances to visit our planet, so they must have advanced engines and energy systems.

He states that UFOs have definitely crashed on the Earth. We could save our planet if governments didn't hide all of the alien technology.

Teacher's Notes:

* Underlined words in **red typeface** are the recommended vocabulary for this lesson.

WARM-UPS

Select one or all of the following warm-up activities.

1: Define: What does "global warming" mean? Can you use it in a sentence? Can you give examples?

2: Brainstorm: Brainstorm with a partner words and ideas for "global warming" for two minutes. Next, talk about the words and ideas for five minutes.

3: Title: Today's article is: "UFO Science Could Combat Global Warming." What will you read about?

4: Do you agree or disagree? Why?

- | | |
|----|--|
| a. | Global warming is a myth. |
| b. | I don't care about global warming. It won't affect me or my generation. |
| c. | Humankind is doomed. |
| d. | The answer to global warming is solar energy and other renewable energy sources. |
| e. | If aliens are visiting Earth, they should teach us how to stop global warming. |

VOCABULARY

Select one of the following vocabulary acquisition activities.

1: Vocabulary match: Individually or in pairs/groups, match the words in column A (from the article) with the best choice in column B.

a.	emit	u.	make dirty
b.	pollute	v.	give out; let go
c.	conclude	w.	lower
d.	reduce	x.	decide
e.	improve	y.	give off
f.	release	z.	make better

2: Fill in the Blanks: Fill in the blank with the correct word.

	polluters	emit	improve
	reduce	release	concluding
a.	The US will () more not less greenhouse gases by 2020.		
b.	The US is already one of the world's largest ().		
c.	More scientists are () that we cannot stop global warming.		
d.	The administration hasn't passed any policies that () emissions.		
e.	Scientists are working to () wind and solar power at the moment.		
f.	Paul Hellyer has asked governments to () information on UFOs.		

3: Define: Look in your dictionary for each word. Write the definition, correctly pronounce the word, and give an example sentence to the class.

a.	emit:
b.	pollute:
c.	conclude:
d.	reduce:
e.	improve:
f.	release:

UFO Science Could Combat Global Warming

Lower-Intermediate

WORD RECOGNITION

These activities are optional. They reinforce vocabulary and increase reading speed.

1: Word Search: Find only the target words (in bold). Time yourself, and see how long it takes to find all the words.

polluters reduce	emit release	improve concluding
<p>T P T T J C T E D T G X O Z E I O O E U C O N S P L O F S J V L V M T M W N O A O Z E K N Q L B T D E R L C L E A U I S W U A J V E L H F L L L J K G Q T M E W U D H E E U N E M Y E E R U T Z V L R M X D H R D G R A E P L O Z D M I J E T H Y S R Q C F R R D U S T M N G I D V D I C P R O O F D A W G M D V E O A M B B L D S I C T Z F P H X M I B L B B G F V T E V O R P M I R E D U C E J M C O N C L U D I N G O H U G G O M C H C H S P X S W Z N X N</p>		

2: Target Word Pool: Find only the target words (in bold) with their exact match. Time yourself, and see how long it takes to find all the words.

polluters reduce	emit release	improve concluding
<p>unimproved release submit improvement concludes deduced polluted including unreleased remit concluding emitting polluters conclusion pollution reducing improve reduce released pollute releases emitted pollutes emission improvise reduced</p>		

UFO Science Could Combat Global Warming

Lower-Intermediate

pre- or post-COMPREHENSION

Select one or more activity to direct students before the article is read, or to check understanding after the article is read.

1: Brainstorm Questions: Brainstorm questions that you would like to ask about today's topic. Answer a partner the questions. He shouldn't look at the article when he answers.

2: True or False?: Guess (before the article) or answer (after the article) if the sentence is true or false. If false, correct the sentence.

a.	The US will emit less greenhouse gases in 2020 than now.	T/F
b.	Global warming cannot be stopped.	T/F
c.	Global warming won't affect the US economy in the future.	T/F
d.	Scientists are working with alien technology now to lower greenhouse gases.	T/F
e.	According to the article, governments have UFOs hidden away.	T/F

3: Questions: Answer the questions to check comprehension.

a.	What number does the article give about the US and pollution levels?
b.	What would happen if all countries no longer emitted greenhouse gases?
c.	What is US policy on greenhouse gases now?
d.	What does Paul Hellyer suggest?
e.	Why does he think that alien technology has the answer?

4: Fragments: Remember how the fragments were used, and complete the sentence.

a.	According to a report submitted to the UN, the US will emit more not...
b.	In the future, global warming will seriously...
c.	Those spacecrafts have traveled great distances to visit our planet, so...
d.	He states that UFOs have definitely...

post-COMPREHENSION

Select one or more activity to discuss the contents of the article.

1: Vocabulary: Circle any other unknown words/phrases in the article. In pairs/groups, use your dictionaries to understand these words. Write an example sentence for each one.

2: Class Questions: Read through the article once more, and write down any questions that you would like to talk about in pairs/groups or as a class. Answer the questions.

3: Summarize: Work with a partner to summarize the article in your own words.

4: Discuss: Talk about the following questions in pairs/groups. Remember to support your answers and ask more questions with your partner.

a.	Did you like this article? Why/not?
b.	What are your opinions about global warming?
c.	Do you think governments are doing enough to stop global warming? Why/not?
d.	What can you do as an individual to reduce global warming?
e.	What do you think about Paul Hellyer's comments?
f.	If aliens are visiting Earth, should they help us solve our many problems? Why/not?

5: Discuss (part II): Discuss the pluses and minuses of the following solutions.

	(pluses)	(minuses)
nuclear energy		
solar & wind power		
alien technology		
???		

6: Google Search: Type "global warming" into Google news and read additional articles on this topic. Discuss or write an essay about your findings.

STUDENT HANDOUT (the article)

UFO Science Could Combat Global Warming

According to a report submitted to the UN, the US will emit more not less greenhouse gases by 2020. The US is already one of the world's largest polluters. It produces 25% of the pollution that causes global warming. Even worse, more and more scientists are concluding that we cannot stop global warming. If all countries stopped producing greenhouse gases tomorrow, then temperatures would still increase.

In the future, global warming will seriously affect the US and its economy. Opponents say that the US needs to do more. Its current policy only focuses on slowing the amount of carbon dioxide and other harmful gases which are released. The administration hasn't passed any policies that reduce emissions.

Scientists are working to improve wind and solar power at the moment. But maybe the answer to global warming is simpler. Paul Hellyer, a former Canadian defense minister from the 1960s, has asked all governments to release their information on UFOs. He has explained that we could find different, cleaner energy sources with the alien technology. Those spacecrafts have traveled great distances to visit our planet, so they must have advanced engines and energy systems.

He states that UFOs have definitely crashed on the Earth. We could save our planet if governments didn't hide all of the alien technology.

Notes:

STUDENT HANDOUT (fill in the blank)

Fill in the blank with the correct word.

concluding	release	reduce	polluters	seriously
definitely	emit	technology	greenhouse	improve

UFO Science Could Combat Global Warming

According to a report submitted to the UN, the US will (a. _____) more not less greenhouse gases by 2020. The US is already one of the world's largest (b. _____). It produces 25% of the pollution that causes global warming. Even worse, more and more scientists are (c. _____) that we cannot stop global warming. If all countries stopped producing (d. _____) gases tomorrow, then temperatures would still increase.

In the future, global warming will (e. _____) affect the US and its economy. Opponents say that the US needs to do more. Its current policy only focuses on slowing the amount of carbon dioxide and other harmful gases which are released. The administration hasn't passed any policies that (f. _____) emissions.

Scientists are working to (g. _____) wind and solar power at the moment. But maybe the answer to global warming is simpler. Paul Hellyer, a former Canadian defense minister from the 1960s, has asked all governments to (h. _____) their information on UFOs. He has explained that we could find different, cleaner energy sources with the alien (i. _____). Those spacecrafts have traveled great distances to visit our planet, so they must have advanced engines and energy systems.

He states that UFOs have (j. _____) crashed on the Earth. We could save our planet if governments didn't hide all of the alien technology.

STUDENT HANDOUT (extended listening)

Listen and fill in the missing sentences. Compare your answers with a partner, and then listen once more.

UFO Science Could Combat Global Warming

According to a report submitted to the UN, the US will emit more not less greenhouse gases by 2020. The US is already one of the world's largest polluters. It produces 25% of the pollution that causes global warming. Even worse, a) _____
_____. If all countries stopped producing greenhouse gases tomorrow, then temperatures would still increase.

In the future, global warming will seriously affect the US and its economy. Opponents say that the US needs to do more. Its current policy only focuses on slowing the amount of carbon dioxide and other harmful gases which are released. The administration hasn't passed any policies that reduce emissions.

Scientists are working to improve wind and solar power at the moment. But maybe the answer to global warming is simpler. Paul Hellyer, a former Canadian defense minister from the 1960s, has asked all governments to release their information on UFOs. He has explained that we could find different, cleaner energy sources with the alien technology. b) _____, so they must have advanced engines and energy systems.

He states that UFOs have definitely crashed on the Earth. c) _____
_____.

Sentence #1:

Sentence #2:

Sentence #3:

UFO Science Could Combat Global Warming

Lower-Intermediate

ANSWER KEY

Vocabulary

1: Vocabulary Match:

a.	y
b.	u
c.	x
d.	w
e.	z
f.	v

2: Fill in the Blanks:

a.	emit
b.	polluters
c.	concluding
d.	reduce
e.	improve
f.	release

pre- or post-Comprehension

1. True or False:

a.	F
b.	T
c.	F
d.	F
e.	T

2. Fragments:

a.	less greenhouse gases by 2020.
b.	affect the US and its economy.
c.	they must have advanced engines and energy systems.
d.	crashed on the Earth.

Student Handout

1: Fill in the Blanks:

a.	emit	f.	reduce
b.	polluters	g.	improve
c.	concluding	h.	release
d.	greenhouse	i.	technology
e.	seriously	j.	definitely

2: Extended Listening:

a.	more and more scientists are concluding that we cannot stop global warming
b.	Those spacecrafts have traveled great distances to visit our planet
c.	We could save our planet if governments didn't hide all of the alien technology