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Level 4 – 27th November, 2018

Dim the Sun to limit global warming, say scientists

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<https://breakingnewsenglish.com/1811/181127-sun-dimming-4.html>

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Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-4.html>

Scientists have a new idea to save Earth from global warming. Geo-engineers believe that spraying "sun-dimming" chemicals high above the Earth could slow down global warming. They say this would be "remarkably inexpensive," costing about \$2.25 billion. The technique is called stratospheric aerosol injection (SAI). It would need huge, high-powered hoses to spray chemicals into the stratosphere. This would be a barrier against sunlight.

The scientists said their idea is still in the planning stages. They said: "We simply show that a hypothetical deployment program, while both highly uncertain and ambitious, would indeed be technically possible." Some scientists think the idea is pie in the sky. They say special planes would need to make 4,000 missions a year across the globe's airspace. Over 100 governments would need to agree to this. It could increase droughts and extreme weather.

Sources: <https://science.slashdot.org/story/18/11/23/2016234/controversial-spraying-sun-dimming-method-aims-to-curb-global-warming>
<https://nypost.com/2018/11/23/sun-dimming-chemicals-could-solve-climate-change-on-the-cheap/>
<https://physicsworld.com/a/could-an-anti-global-warming-atmospheric-spraying-program-really-work/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-4.html>

PARAGRAPH ONE:

- | | |
|-----------------------------|--------------------------|
| 1. Scientists have a new | a. dimming chemicals |
| 2. Geo- | b. into the stratosphere |
| 3. spraying sun- | c. inexpensive |
| 4. high above | d. idea |
| 5. this would be remarkably | e. sunlight |
| 6. high-powered | f. engineers |
| 7. spray chemicals | g. hoses |
| 8. a barrier against | h. the Earth |

PARAGRAPH TWO:

- | | |
|---------------------------------|-------------------------|
| 1. still in the planning | a. possible |
| 2. a hypothetical | b. weather |
| 3. highly uncertain and | c. in the sky |
| 4. be technically | d. droughts |
| 5. the idea is pie | e. the globe's airspace |
| 6. 4,000 missions a year across | f. deployment program |
| 7. It could increase | g. stages |
| 8. extreme | h. ambitious |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-4.html>

Scientists have (1) _____ to save Earth from global

warming. Geo-engineers (2) _____ "sun-dimming"

chemicals high above the Earth (3) _____ global warming.

They say this would be "remarkably (4) _____ \$2.25 billion.

The technique is called stratospheric aerosol injection (SAI). It

(5) _____, high-powered hoses to spray chemicals into the

stratosphere. This would be a (6) _____.

The scientists said their (7) _____ in the planning stages.

They said: "We (8) _____ a hypothetical deployment

program, while both highly uncertain and ambitious, would indeed

(9) _____." Some scientists think the idea is pie in the sky.

They say special planes would (10) _____ 4,000 missions a

year across (11) _____. Over 100 governments would need

to agree to this. It could increase (12) _____ weather.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-4.html>

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GLOBAL WARMING SURVEY

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-4.html>

Write five GOOD questions about global warming in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

