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Level 5 – 27th November

Dim the Sun to limit global warming, say scientists

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<https://breakingnewsenglish.com/1811/181127-sun-dimming-5.html>

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Please try Levels 4 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-5.html>

Scientists have a revolutionary idea to save Earth from global warming. Geo-engineers from Harvard University 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 a year over 15 years. The technique is called stratospheric aerosol injection (SAI). It is still yet to be proven. It would involve using huge hoses or high-powered cannons to spray chemicals into the stratosphere. This would be a reflective barrier against sunlight.

The scientists admitted that their idea is still in the planning stages. They said: "We make no judgment about the desirability of SAI. We simply show that a hypothetical deployment program, while both highly uncertain and ambitious, would indeed be technically possible." Not all scientists think the idea is a good one. Some think it is pie in the sky. They say 100 specially-designed planes would need to make 4,000 missions a year, crossing most of the globe's airspace. Over 100 governments would need to agree to this. There are concerns 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-5.html>

PARAGRAPH ONE:

- | | |
|--------------------------------|---------------------|
| 1. spraying "sun-dimming" | a. global warming |
| 2. high above | b. the stratosphere |
| 3. slow down | c. be proven |
| 4. be remarkably | d. against sunlight |
| 5. It is still yet to | e. chemicals |
| 6. It would involve using huge | f. inexpensive |
| 7. spray chemicals into | g. the Earth |
| 8. a reflective barrier | h. hoses |

PARAGRAPH TWO:

- | | |
|------------------------------------|---------------------|
| 1. their idea is still in the | a. missions a year |
| 2. Some think it is pie | b. droughts |
| 3. 100 specially- | c. airspace |
| 4. make 4,000 | d. in the sky |
| 5. crossing most of the globe's | e. weather |
| 6. Over 100 governments would need | f. planning stages |
| 7. it could increase | g. designed planes |
| 8. extreme | h. to agree to this |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-5.html>

Scientists have a revolutionary (1) _____ Earth from global warming. Geo-engineers from Harvard University (2) _____ "sun-dimming" chemicals (3) _____ Earth could slow down global warming. They say this would be "remarkably inexpensive," costing about \$2.25 billion (4) _____ 15 years. The technique is called stratospheric aerosol injection (SAI). It (5) _____ to be proven. It would involve using huge hoses or high-powered cannons to spray chemicals into the stratosphere. This would be (6) _____ against sunlight.

The scientists admitted that their idea is still in (7) _____. They said: "We make no judgment about (8) _____ SAI. We simply show that a hypothetical deployment program, while both highly uncertain and ambitious, would (9) _____ possible." Not all scientists think the idea is a good one. Some think it (10) _____ the sky. They say 100 specially-designed planes would need to make 4,000 (11) _____, crossing most of the globe's airspace. Over 100 governments would need to agree to this. There are concerns it could increase droughts (12) _____.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1811/181127-sun-dimming-5.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) _____

