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Level 5 – 6th June, 2019

Scientists discover the world's cleanest air

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<https://breakingnewsenglish.com/2006/200606-clean-air-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/2006/200606-clean-air-5.html>

Scientists discovered what they think is the cleanest air on Earth. Researchers from Colorado and Australia conducted research on the purity of the air above Antarctica's Southern Ocean. They found a region between the south of Australia and Antarctica "unaffected" by human activity. Scientists say the area formed the atmosphere in the lower clouds. The analysis of the air showed that it was free from "anthropogenic aerosols". These are pollutants or particles from human activity, or dust from other continents. The scientists called this pollution-free area, "truly pristine".

The scientists analysed airborne microbes in the clouds over the Southern Ocean. They tracked where the DNA of the microbes came from. They monitored wind trajectories to detect how far the microbes travelled. They found that the atmospheric eco-system was "isolated," self-contained, and free from contaminants from elsewhere in the world. The microbes came from the Southern Ocean rather than other continents. The researchers concluded that the Southern Ocean is one of very few places on Earth that has been "minimally affected by anthropogenic activities".

Sources: <https://www.newsweek.com/air-antarctica-cleanest-world-1508433>
<https://www.ecowatch.com/cleanest-air-earth-scientists-2646150814.html>
<https://scitechdaily.com/cleanest-air-on-earth-identified-by-atmospheric-scientists-in-first-of-its-kind-study/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2006/200606-clean-air-5.html>

PARAGRAPH ONE:

- | | |
|-----------------------------------|-------------------|
| 1. the cleanest air | a. continents |
| 2. the purity | b. activity |
| 3. between the south of Australia | c. pristine |
| 4. unaffected by human | d. on Earth |
| 5. These are pollutants | e. free area |
| 6. dust from other | f. and Antarctica |
| 7. this pollution- | g. or particles |
| 8. truly | h. of the air |

PARAGRAPH TWO:

- | | |
|----------------------------------|------------------------|
| 1. airborne microbes in the | a. system was isolated |
| 2. They monitored wind | b. few places |
| 3. detect how far the | c. trajectories |
| 4. the atmospheric eco- | d. continents |
| 5. from elsewhere | e. affected |
| 6. other | f. microbes travelled |
| 7. one of very | g. clouds |
| 8. Earth that has been minimally | h. in the world |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2006/200606-clean-air-5.html>

Scientists discovered what they think is the (1) _____ Earth. Researchers from Colorado and Australia conducted research (2) _____ of the air above Antarctica's Southern Ocean. They found a region between the south of Australia and Antarctica (3) _____ activity. Scientists say the area formed the atmosphere in (4) _____. The analysis of the air showed that it was free from "anthropogenic aerosols". These (5) _____ particles from human activity, or dust from other continents. The scientists called this pollution-free (6) _____.

The scientists analysed airborne microbes in (7) _____ the Southern Ocean. They (8) _____ DNA of the microbes came from. They monitored wind trajectories (9) _____ far the microbes travelled. They found that the atmospheric eco-system was "isolated," self-contained, (10) _____ contaminants from elsewhere in the world. The microbes came from the Southern Ocean (11) _____ continents. The researchers concluded that the Southern Ocean is one of (12) _____ on Earth that has been "minimally affected by anthropogenic activities".

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2006/200606-clean-air-5.html>

Scientists discovered what they think is the cleanest air on Earth. Researchers from Colorado and Australia conducted research on the purity of the air above Antarctica's Southern Ocean. They found a region between the south of Australia and Antarctica "unaffected" by human activity. Scientists say the area formed the atmosphere in the lower clouds. The analysis of the air showed that it was free from "anthropogenic aerosols". These are pollutants or particles from human activity, or dust from other continents. The scientists called this pollution-free area, "truly pristine". The scientists analysed airborne microbes in the clouds over the Southern Ocean. They tracked where the DNA of the microbes came from. They monitored wind trajectories to detect how far the microbes travelled. They found that the atmospheric ecosystem was "isolated, self-contained, and free from contaminants from elsewhere in the world. The microbes came from the Southern Ocean rather than other continents. The researchers concluded that the Southern Ocean is one of very few places on Earth that has been "minimally affected by anthropogenic activities".

CLEAN AIR SURVEY

From <https://breakingnewsenglish.com/2006/200606-clean-air-4.html>

Write five GOOD questions about clean air 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) _____

