



# Australians Race to Uncover Ancient Ice Secrets in Antarctica

## Description

Traveling in Antarctica is very hard. The explorer Robert Falcon Scott wrote in 1912 about facing dangers on his journey to the South Pole. He said, "We took risks." Even today, scientists in Antarctica face many challenges. Dr. Joel Pedro is a paleoclimate scientist. He studies ice that is very old. His team wants to find ice that is more than a million years old. This ice can tell us about Earth's past climate.

This last season was tough for Pedro's team. They needed to move a lot of heavy equipment to start drilling ice. However, many team members got sick with Covid-19, which delayed their work. They had to wait five weeks to start.

In December, a new site was chosen for drilling. This site is called Dome C North. The team finally reached the site on Christmas Eve. They were happy to be back in the field after a difficult year. Now, the drilling has begun. They hope to learn more about climate change from the old ice they find.

## Vocabulary List:

1. **Explorer** /ɪk'splɔɪər/ (noun): A person who investigates unknown regions.
2. **Dangers** /'deɪn.dʒərz/ (noun): Possibilities of suffering harm or injury.
3. **Paleoclimate** /,peɪli'ɒʊklaɪmət/ (noun): The climate prevalent at a particular time in the geological past.
4. **Challenges** /'tʃæl.ɪn.dʒɪz/ (noun): Difficulties that require a special effort to overcome.
5. **Equipment** /ɪ'kwɪp.mənt/ (noun): The necessary items for a particular purpose.
6. **Drilling** /'drɪl.ɪŋ/ (verb): The process of making a hole in the ground often to explore or obtain resources.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. What is a sudden serious situation that requires immediate action called?

Option: Urgency  
Option: Emergency  
Option: Incident  
Option: Casualty

2. What term is used to refer to enhancements made to something to make it better?

Option: Reductions



- Option: Improvements
- Option: Deteriorations
- Option: Stagnations

3. What is the collective term for tools or items needed for a particular purpose?

- Option: Apparatus
- Option: Gear
- Option: Equipment
- Option: Utensils

4. What is the system or group that governs a community or organization?

- Option: Republic
- Option: Government
- Option: Regime
- Option: Dynasty

5. What term describes the emotional bond between individuals characterized by care and support?

- Option: Acquaintance
- Option: Relationship
- Option: Alliance
- Option: Friendship

6. What activity involves boring holes into something for exploration or extraction?

- Option: Mining
- Option: Smelting
- Option: Drilling
- Option: Refining

7. What term is used to describe distinctive qualities or characteristics of something?

- Option: Attributes
- Option: Elements
- Option: Features
- Option: Facets

8. What is a project undertaking or business organization called?

- Option: Company
- Option: Enterprise
- Option: Corporation
- Option: Firm

9. What term is used to describe difficult tasks or situations that test one's abilities?

- Option: Obstacles
- Option: Challenges



Option: Hindrances

Option: Setbacks

10. What are messages or alerts that provide information about specific events or updates?

Option: Warnings

Option: Notifications

Option: Reminders

Option: Advisories

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. In order to \_\_\_\_\_ with friends online you need a stable internet connection.

12. The political party selected a promising \_\_\_\_\_ to run for mayor.

13. Efficient \_\_\_\_\_ are crucial for the success of any business.

14. Studying \_\_\_\_\_ helps scientists understand ancient climate patterns.

15. The school has a \_\_\_\_\_ dress code that all students must follow.

16. The singer gained \_\_\_\_\_ after releasing a hit song.

17. Students should complete their \_\_\_\_\_ before going to bed.

18. Regular breaks can improve worker \_\_\_\_\_ in the long run.

19. The \_\_\_\_\_ set out on a journey to uncover hidden treasures.

20. Many people enjoy watching \_\_\_\_\_ for entertainment or educational purposes.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. A system of interconnected elements or individuals facilitating communication or coordination.
22. The feeling of being upset or annoyed especially when unable to achieve something.
23. Having knowledge or perception of a situation or fact.
24. Concise explanations or reviews of the main points of a document or presentation.



25. Risks or perils that pose a threat to safety or well-being.
26. The state of being present ready for use or obtainable.
27. A person who travels to unfamiliar places to learn about them or make discoveries.
28. Difficult or demanding tasks or situations that require effort to overcome.
29. Changes made to rectify errors or mistakes in a document or process.
30. Strategies or intentions for achieving specific goals or objectives.

## Answer

**Multiple Choice:** 1. Emergency 2. Improvements 3. Equipment 4. Government 5. Friendship 6. Drilling  
7. Features 8. Enterprise 9. Challenges 10. Notifications

**Gap-Fill:** 11. connect 12. candidate 13. operations 14. paleoclimate 15. strict 16. popularity 17. homework  
18. productivity 19. explorer 20. videos

**Matching sentence:** 1. network 2. frustration 3. aware 4. summaries 5. dangers 6. availability 7. explorer  
8. challenges 9. corrections 10. plans

## CATEGORY

1. Sci/Tech - LEVEL1

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