

New Vocabulary Words

Plasticity

(noun) The ability to be shaped or molded into different forms.

Example: *The Apollo 13 astronauts relied on the **plasticity** of their emergency materials to create a life-saving air filter.*

Levy

(verb) To collect or gather resources that are needed.

Example: *NASA had to **levy** additional resources from other departments to help the stranded crew.*

Blanch

(verb) To suddenly turn pale or white, usually from fear or shock.

Example: *The flight director's face would **blanch** with worry whenever communication with Apollo 13 was temporarily lost.*

Inviolable

(adjective) Something so important it can never be broken, changed, or ignored.

Example: *The safety of the astronauts was considered **inviolable** - a priority that could never be compromised.*

Exegesis

(noun) A careful explanation or interpretation of something complicated.

Example: *The engineers needed careful **exegesis** of the spacecraft's technical manuals to find emergency procedures.*

Space Mission Vocabulary: Apollo 13's Cosmic Challenge

Scene 1 *plasticity*



The Apollo 13 astronauts relied on the **plasticity** of their emergency materials to create a life-saving air filter.

They needed materials that could be shaped and molded quickly to solve their oxygen problem.

Scene 2 *levy*



NASA had to **levy** additional resources from other departments to help the stranded crew. Every available engineer was called in as they collected brain power to solve the crisis.

Scene 3 *blanch*



The flight director's face would **blanch** with worry whenever communication with Apollo 13 was temporarily lost.

His normal healthy color would drain away until contact was reestablished.

Scene 4 *inviolable*



The safety of the astronauts was considered **inviolable** - a priority that could never be compromised.

Everyone at NASA followed this unbreakable rule: bring the crew home alive no matter what.

Scene 5 *exegesis*



The engineers needed careful **exegesis** of the spacecraft's technical manuals to find emergency procedures.

Their detailed interpretation of the texts helped them explain to the astronauts exactly how to repair their ship.

Vocabulary Quizzes

1. What is the meaning of plasticity?

- A. A careful explanation or interpretation of something complicated.
- B. To suddenly turn pale or white, usually from fear or shock.
- C. Something so important it can never be broken, changed, or ignored.
- D. The ability to be shaped or molded into different forms.

2. What is the meaning of inviolable?

- A. To collect or gather resources that are needed.
- B. A careful explanation or interpretation of something complicated.
- C. The ability to be shaped or molded into different forms.
- D. Something so important it can never be broken, changed, or ignored.

3. Which word can fit in the blank in the following sentence?

NASA had to _____ additional resources from other departments to help the stranded crew.

- A. levy
- B. exegesis
- C. plasticity
- D. inviolable

4. Spell the word with the meaning: A careful explanation or interpretation of something complicated.

5. Which word can fit in the blank in the following sentence?

The Apollo 13 astronauts relied on the _____ of their emergency materials to create a life-saving air filter.

- A. blanch
- B. levy
- C. plasticity
- D. inviolable

6. Spell the word with the meaning: Something so important it can never be broken, changed, or ignored.

7. What is the meaning of exegesis?

- A. Something so important it can never be broken, changed, or ignored.
- B. To collect or gather resources that are needed.
- C. To suddenly turn pale or white, usually from fear or shock.
- D. A careful explanation or interpretation of something complicated.

8. Spell the word with the meaning: To suddenly turn pale or white, usually from fear or shock.

9. What is the meaning of levy?

- A. A careful explanation or interpretation of something complicated.
- B. To suddenly turn pale or white, usually from fear or shock.
- C. To collect or gather resources that are needed.
- D. Something so important it can never be broken, changed, or ignored.

10. What is the meaning of blanch?

- A. To collect or gather resources that are needed.
- B. To suddenly turn pale or white, usually from fear or shock.
- C. A careful explanation or interpretation of something complicated.
- D. The ability to be shaped or molded into different forms.

11. Which word can fit in the blank in the following sentence?

The engineers needed careful _____ of the spacecraft's technical manuals to find emergency procedures.

- A. plasticity
- B. blanch
- C. levy
- D. exegesis

12. Which word can fit in the blank in the following sentence?

The flight director's face would _____ with worry whenever communication with Apollo 13 was temporarily lost.

- A. inviolable
- B. levy
- C. blanch

D. plasticity

13. Which word can fit in the blank in the following sentence?

The safety of the astronauts was considered _____ - a priority that could never be compromised.

A. blanch

B. inviolable

C. levy

D. exegesis

14. Spell the word with the meaning: The ability to be shaped or molded into different forms.

15. Spell the word with the meaning: To collect or gather resources that are needed.

Answer Key

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| 1. The ability to be shaped or molded into different forms. | (meaning) |
| 2. Something so important it can never be broken, changed, or ignored. | (meaning) |
| 3. levy | (in context) |
| 4. exegesis | (spelling) |
| 5. plasticity | (in context) |
| 6. inviolable | (spelling) |
| 7. A careful explanation or interpretation of something complicated. | (meaning) |
| 8. blanch | (spelling) |
| 9. To collect or gather resources that are needed. | (meaning) |
| 10. To suddenly turn pale or white, usually from fear or shock. | (meaning) |
| 11. exegesis | (in context) |
| 12. blanch | (in context) |
| 13. inviolable | (in context) |
| 14. plasticity | (spelling) |
| 15. levy | (spelling) |