

VOCABULARY MATCHING

Paragraph 1

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| 1. impression | a. A person who is or has the potential to be very successful, especially academically or in business. |
| 2. surgeon | b. The mental action or process of acquiring knowledge and understanding through thought, experience, and the senses. |
| 3. brainy | c. An idea, feeling, or opinion about something or someone. |
| 4. high-flyer | d. The action of remembering something learned or experienced. |
| 5. cognition | e. A doctor who treats injuries or disorders of the body by cutting into it. |
| 6. respondents | f. Having or showing higher intelligence. |
| 7. recall | g. People who reply to something, especially information for a questionnaire. |

Paragraph 2

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| 8. validity | h. An excessive supply of something. |
| 9. aeronautics | i. The quality of being logically or factually reliable. |
| 10. mindboggling | j. The science or practice of building or flying aircraft. |
| 11. shed light on | k. Begin a course of action. |
| 12. embark on | l. Help to explain something by giving further information about it. |
| 13. disregarded | m. Overwhelming; too great to fully understand. |
| 14. glut | n. Paid no attention to; ignored. |

GAP FILL

From <https://breakingnewsenglish.com/2112/211220-rocket-science.html>

Most of us have the (1) _____ that rocket scientists and brain surgeons are super-(2) _____. Scientists have conducted research that suggests members of the general public are actually just as smart as those high-(3) _____. Researchers from University College London asked 329 (4) _____ engineers and 72 neurosurgeons to complete tests designed to assess six different areas of (5) _____. The researchers compared their data with those from 18,257 (6) _____ who had previously taken the tests. The researchers said: "Only two differences were (7) _____: the neurosurgeons' problem-solving speed was quicker and their memory (8) _____ speed was slower."

flyers
cognition
impression
recall
aerospace
significant
brainy
respondents

The research questions the (9) _____ of using English phrases such as "this isn't rocket science" or "that isn't brain surgery". We use these (10) _____ to suggest something is actually quite easy to understand. Are aeronautics and neuroscience so (11) _____? The researchers shed some light on this. They said: "In situations that do not require (12) _____ problem solving, it might be more correct to use 'It's not brain surgery', but in situations where rapid information (13) _____ is needed this phrase should be (14) _____." This gives hope to all of us that we can embark on careers we once disregarded because of "(15) _____ -level" requirements. However, this could lead to a (16) _____ of brain surgeons and rocket designers.

rapid
validity
glut
recall
mindboggling
genius
expressions
avoided

COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2112/211220-rocket-science.html>

1. What is most people's impression of rocket scientists?
2. How many neurosurgeons took part in the researchers' tests?
3. How many areas of cognition were tested?
4. What had over 18,000 respondents previously done?
5. Whose memory recall speed was slower?
6. What does the article say the research questions the validity of?
7. What did the researchers shed light on?
8. What phrase should we avoid where rapid information recall is required?
9. What does the article say the research gives to career seekers?
10. What could there be a glut of in future?

Intelligence

Conversation Questions

1. Who's the most intelligent person you know? How are they intelligent?

2. What kinds of intelligence are your strengths?

A. Spatial Intelligence

1. Good at drawing
2. Good at puzzles
3. Good at recognizing patterns

B. Bodily Movement Intelligence

1. Good at sports
2. Good coordination
3. Learn best by doing rather than by seeing or hearing.

C. Music Intelligence

1. Appreciation for music
2. An understanding of music theory
3. Able to think in sounds and patterns

D. Language Intelligence

1. Enjoy reading and writing
2. Good at public speaking and persuading others
3. Good at explaining things

E. Logical and Mathematical Intelligence

1. Can solve math problems quickly
2. Good at thinking about abstract ideas
3. Can understand difficult mathematical equations

F. Intrapersonal Intelligence

1. Can understand your own strengths and weaknesses
2. Very self-aware
3. Sensitive to your own feelings

G. Interpersonal Intelligence

1. Can create healthy relationships
2. Good at solving conflicts
3. Strong emotional intelligence skills

H. Naturalistic Intelligence

1. Interested in biology, botany, zoology
2. Appreciation for nature
3. Enjoys outdoor activities like camping, gardening, hiking