

Think Fast & Mind Your Memories: 3rd Grade Cognition Quiz

Students apply high-level retrieval strategies and analyze sensory encoding by designing mental maps and evaluating mnemonic effectiveness.

1. Imagine you are learning a new dance. You visualize the steps like a secret map in your head. Which cognitive process are you using to save this movement?

- A. Sensory ignoring
- B. Visual encoding
- C. Automatic forgetting
- D. Echoic hearing

2. To remember the order of the planets (Mercury, Venus, Earth...), Maya creates the sentence 'My Very Excellent Mother...' This memory tool is called a _____.

- A. Mnemonic device
- B. Logic puzzle
- C. Storage locker
- D. Brain drain

3. True or False: Your brain uses 'Selective Attention' to focus on your teacher's voice while ignoring a noisy pencil sharpener in the background.

- A. True
- B. False

4. Leo is trying to solve a complex LEGO build. He stops and thinks, 'Wait, I remember a similar problem I had with a bridge kit last year!' What is Leo doing?

- A. Using random guessing
- B. Sensory inputting
- C. Applying prior knowledge
- D. Encoding a stimulus

5. When you practice a piano song over and over until you don't even have to think about the notes, you are moving that skill into _____ memory.

- A. Short-term
- B. Working
- C. Long-term
- D. Flash

6. If you are grouped with three friends and must design a way to keep an ice cube from melting using only paper and tape, which 'Thinking Skill' are you primarily using?

- A. Simple Recognition

Name: _____ Date: _____

- B. Creative Problem-Solving
- C. Rote Memorization
- D. Data Retrieval

7. True or False: 'Metacognition' is the fancy word for 'thinking about your own thinking'—like when you realize you need to study more for a spelling test.

- A. True
- B. False

8. Which of these is an example of 'Chunking' to help your working memory hold more information?

- A. Reading an entire book in one sitting
- B. Grouping a long list of numbers into small sets of three
- C. Writing the same word twenty times
- D. Closing your eyes to hear a sound

9. When you remember exactly where you were and what you were wearing during a giant thunder-storm, you are using _____ memory.

- A. Semantic
- B. Episodic
- C. Numerical
- D. Abstract

10. True or False: Information stays in your 'Short-Term Memory' forever, even if you don't practice it or pay attention to it.

- A. True
- B. False