

# MEMORIZATION: The Concrete Foundation for Learning

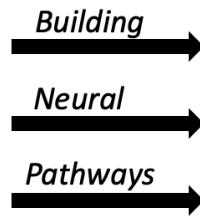
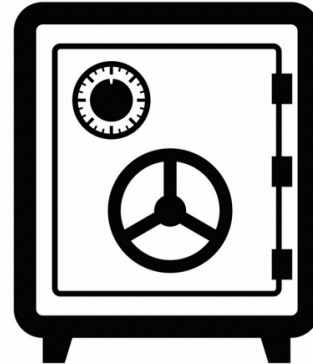
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SHORT-TERM MEMORY



WORKING MEMORY

LONG-TERM MEMORY



1. Nothing replaces quality instruction at the onset.
2. Use variety to teach new vocabulary words.
3. Remove distractions and optimize focus.
4. Methodically target specific concepts and material.
5. Space out repetitions.
6. Utilize mixed practices.
7. Prioritize quizzing to provide retrieval practice.
8. Utilize the 3x3 strategy.
9. Keep quizzing focused on retrieval, not grades.
10. Understand the limitations of speed retrieval.
11. Utilize teenagers' desire for social learning.
12. Build pathways with emotions.
13. Use muscular activity to enhance memory.
14. Use the visual + verbal combination to increase processing.