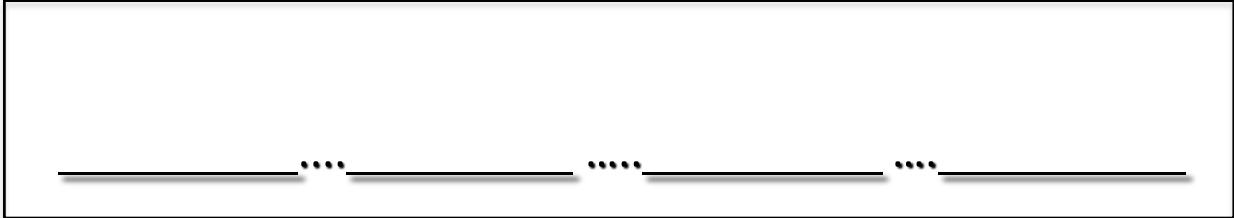
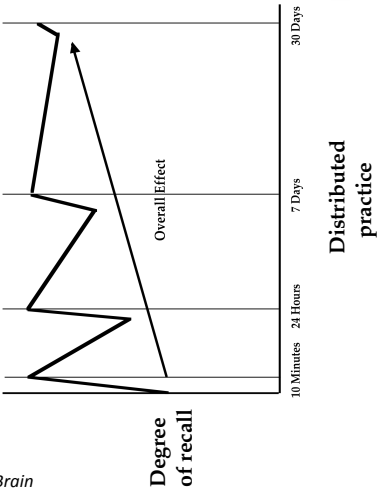
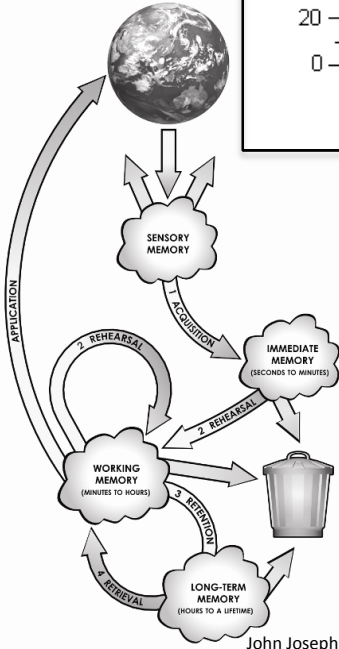
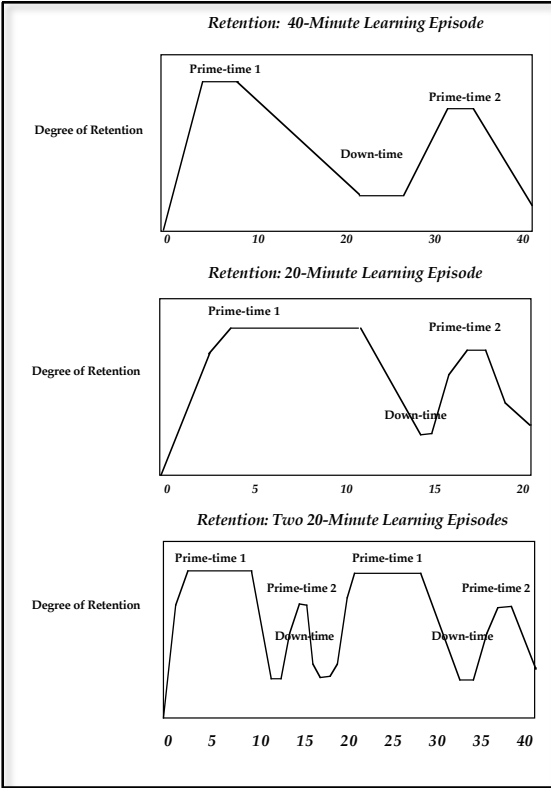
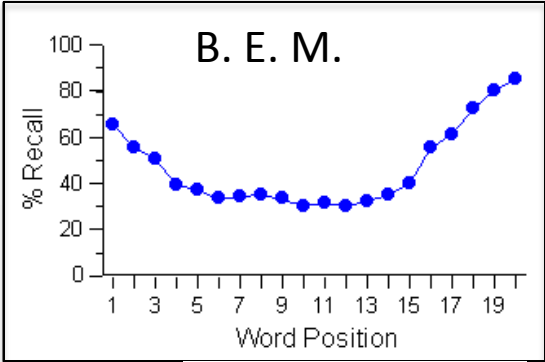


STRATEGIES for ENGAGED LEARNING



Focus time = _____ + _____



John Joseph, *Mind Your Brain*

- A PEG SYSTEM**
- | | | |
|-------------|----------------|--------------|
| 1. Sun | 11. Fence | 16. Driving |
| 2. Eyes | 12. Eggs | 17. Magazine |
| 3. Triangle | 13. Black Cat | 18. Vote |
| 4. Stove | 14. Valentine' | 19. Remote |
| 5. Fingers | 15. Fame | 20. Vision |

M-SPACE

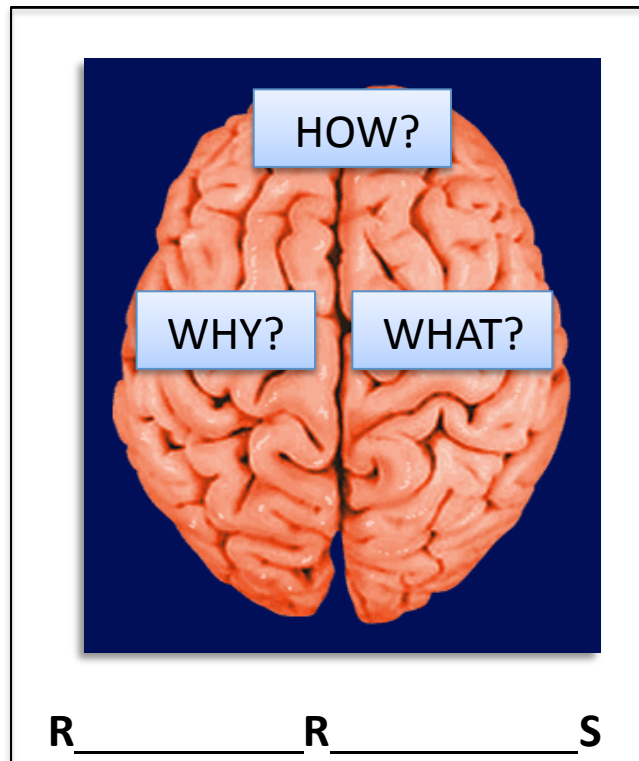
The capacity of working memory to process incoming stimuli appears to increase with age. Every other year, beginning at age three, the number of "spaces" increases by one unit.

Age	Bits of Information
15	□ □ □ □ □ □ □
13	□ □ □ □ □ □
11	□ □ □ □ □
9	□ □ □ □
7	□ □ □
5	□ □

Plus or minus 2

REHEARSAL STRATEGIES

- Summarize top points
- Teach it to a partner
- Note-making
- Create a slogan/song
- Compare/contrast with a familiar object
- Use modeling clay, art
- Use review options
- Create a movie title
- Draw a symbol or other graphic representation
- Create a physical movement
- Pair-share
- Use quiet reflection
- Use closure



MARZANO'S NINE INSTRUCTIONAL STRATEGIES

Enhance students' understanding of and ability to use knowledge by engaging them in

Identifying similarities and differences.
45% gain

Summarizing and note taking.
34% gain

Reinforcing effort & providing recognition.
29% gain

Homework and practice.
28% gain

Nonlinguistic representation.
27% gain

Cooperative learning.
27% gain

Setting objectives & providing feedback.
23% gain

Generating & Testing Hypotheses.
23% gain

Cues, Questions, & Advance Organizers.
22% gain