“Sit and Get” Won’t Grow
Professional Learning Strategies that Engage the Adult Brain!

AGENDA

PART ONE
Creating a Brain-Compatible Environment

- Rituals/Essential Questions
- Best/Worst Presentation
- Change: A Difficult Dilemma
- Principles of Adult Learning Theory
- 5 Facts About Neurons
- 10 Characteristics of Quality Professional Learning

PART TWO
Delivering Brain-Compatible Learning

- 3 Brain Facts
- Lesson Planning
- Tips for Unforgettable Professional Learning
- Summary/Closure

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NEURON
The Memory Cell

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**INSTRUCTIONAL IMPLICATIONS OF RESEARCH**

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<th>BRAIN FACTS</th>
<th>CONCEPTS TO REMEMBER</th>
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<td>People tend to remember best that which comes first in a learning segment, and remember second best that which comes last (primacy - recency effect).</td>
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<td>Need, novelty, meaning and emotion are four ways to gain the brain’s attention.</td>
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<td>The brain can hold seven isolated bits of information in short-term memory simultaneously.</td>
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Lesson Objective(s): What is the purpose of this learning opportunity?

Supporting Data: Why was this objective selected?

Assessment: How will you know participants have acquired the knowledge, behavior, or skill?

Ways to Gain / Maintain Attention (Primacy): How will you gain and maintain participants’ attention? Consider need, novelty, meaning, or emotion.

Content Chunks: How will you structure the learning opportunities to engage adult brains?

Lesson Segment 1:

Activities:

Lesson Segment 2:

Activities:

Lesson Segment 3:

Activities:

Professional Learning Strategies: Which strategies did you incorporate into this plan? How will you support and sustain behavior change?

- Brainstorming / Discussion
- Drawing / Artwork
- Field Trips
- Games
- Graphic Organizers / Semantic Maps / Word Webs
- Humor
- Manipulatives / Experiments / Labs / Models
- Metaphors / Analogies / Similes
- Mnemonic Devices
- Movement
- Music / Rhythm / Rhyme / Rap
- Project / Problem - Based Learning
- Reciprocal Teaching / Cooperative Learning
- Roleplays / Drama / Pantomimes / Charades
- Storytelling
- Technology
- Visualization / Guided Imagery
- Visuals
- Work Study / Apprenticeships
- Writing / Journals
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**STRATEGIES**
**THAT TAKE ADVANTAGE OF HOW THE BRAIN LEARNS BEST**