

Enhancing Learner Engagement and Retention



FacDev in 5 KEY TAKEAWAYS



Watch the FacDev in 5 Video
featuring Helen Macfarlane,
Director of Instructional Design
and Assistant Director of the
Teaching Scholars Program.

KEY TAKEAWAYS



Merrill's Principles of Effective Instruction.

1

Problem-Centered Learning

Use real-world problems to engage learners in active problem solving.

2

Activation of Prior Knowledge

Connect new knowledge to learners' prior experience to deepen understanding and relevance.

3

Demonstration

Show learners how to apply new knowledge through examples or modeling.

4

Application

Provide hands-on opportunities for learners to apply new skills and receive feedback.

5

Integration

Prompt learners to reflect and apply what they've learned in real contexts.



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Click articles to view

[Gardner, J. Applying Merrill's first principles of instruction: Practical methods based on a review of the literature \(Educ Technol 2010\).](#)

[Merrill, M.D., et al. \(2021\), First Principles of Instruction revisited. In Zumbach J., et al. International Handbook of Psychology Learning and Teaching.](#)

[Truong, M.T., et al. Implementing Merrill's First Principles of Instruction: Practice and identification \(WJEIS 2019\).](#)

