

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. tinyurl.com/FD5-Engagement

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.



DIVE DEEPER

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).

