

Evidence-Based Curriculum Design and Development

Recommended Readings

- Abrose, S. A., Bridges, M. W., DiPietro, M., Lovett, M. C., & Norman, M. K. (2010). *How learning works: Seven research-based principles for smart teaching*. San Francisco: Jossey Bass.
- Benassi, V. A., Overson, C. E., & Hakala, C. M. (2014). *Applying science of learning in education: Infusing psychological science into the curriculum*. Retrieved from the Society for the Teaching of Psychology web site:
<http://teachpsych.org/ebooks/asle2014/index.php>
- Brown, P. C., Roediger, H. L. & McDaniel, M. A. (2014). *Make it stick: The science of successful learning*. Cambridge, MA: Harvard University Press
- Clark, R. C. (2008). *Building expertise: Cognitive methods for training and performance improvement*. San Francisco: Pfeiffer.
- Clark, R. C. (2011). *Evidence-based training methods*. Alexandria, VA: ASTD Press.
- Clark, R. C., & Lyons, C. (2004). *Graphics for learning: Proven guidelines for planning, designing, and evaluating visuals in training materials*. San Francisco: Pfeiffer.
- Clark, R. C., & Mayer, R. E. (2011). *E-learning and the science of instruction: Proven guidelines for consumers and designers of multimedia learning*. San Francisco: Pfeiffer.
- Clark, R. C., Nguyen, F., & Sweller, J. (2005). *Efficiency in learning: Evidence-based guidelines to manage cognitive load*. San Francisco: Pfeiffer.
- Foshay, W. R., Silber, K. H., & Stelnicki, M. B. (2003). *Writing training materials that work*. San Francisco: Jossey-Bass.
- Mayer, R. E. (2008). *Applying the science of learning: Evidence-based principles for the design of multimedia instruction*. *American Psychologist*, 63(8). 760-769.
- Mayer, R. E. (2011). *Applying the science of learning*. Upper Saddle River, NJ: Pearson.
- Pashler, H., Bain, P., Bottge, B., Graesser, A., Koedinger, K., McDaniel, M., & Metcalfe, J. (2007). *Organizing instruction and study to improve student learning (NCER 2007-2004)*. Washington, DC: National Center for Education Research, Institute

of Education Sciences, U.S. Department of Education.

http://ies.ed.gov/ncee/wwc/pdf/practice_guides/20072004.pdf

West, C. K., Farmer, J. A., & Wolff, P. M. (1991). *Instructional design: Implications from cognitive science*. Boston: Allyn and Bacon.