



POWERUP
WHAT WORKS

powerupwhatworks.org

Bibliography

Research on Online and Mobile Learning

- Englert, C. S., Zhao, Y., Dunsmore, K., Collings, N. Y., & Wolbers, K. (2007). Scaffolding the writing of students with disabilities through procedural facilitation: Using an Internet-based technology to improve performance. *Learning Disability Quarterly*, 30(1), 9–29.
- Evans, K. L. (2007). *Learning stoichiometry: A comparison of text and multimedia instructional formats*. (Unpublished doctoral dissertation). University of Pittsburgh, Pittsburgh, PA.
- Florida TaxWatch. (2007). *Final report: A comprehensive assessment of Florida virtual school*. Tallahassee, FL: Florida TaxWatch Center for Educational Performance and Accountability. Retrieved from www.floridataxwatch.org/resources/pdf/110507FinalReportFLVS.pdf
- Fox, E. J., & Sullivan, H. J. (2007). Comparing strategies for teaching abstract concepts in an online tutorial. *Journal of Educational Computing Research*, 37(3), 307–330.
- Frederickson, N., Reed, P., & Clifford, V. (2005). Evaluating Web-supported learning versus lecture-based teaching: Quantitative and qualitative perspectives. *Higher Education*, 50(4), 645–664.
- Gaddis, B., Napierkowski, H., Guzman, N., & Muth, R. (2000, October). *A comparison of collaborative learning and audience awareness in two computer-mediated writing environments*. Paper presented at the National Convention of the Association for Educational Communications and Technology, Denver, CO.
- Grant, L. K., & Courtoreille, M. (2007). Comparison of fixed-item and response-sensitive versions of an online tutorial. *Psychological Record*, 57(2), 265–272.
- Intel Corporation. (2009). *The positive impact of eLearning*. Santa Clara, CA: Author.
- Kerfoot, B. P., Conlin, P. R., Trivison, T., & McMahan, G. T. (2007). Web-based education in systems-based practice: A randomized trial. *Archives of Internal Medicine*, 167(4), 361–366.
- Kock, N., & Chatelain-Jardon, R. C. J. (2008). An experimental study of simulated Web-based threats and their impact on knowledge communication effectiveness. *IEEE Transactions on Professional Communication*, 51, 183–197.
- LaRose, R., Gregg, J., & Eastin, M. (1998). Audiographic telecourses for the Web: An experiment. *Journal of Computer-Mediated Communication*, 4, 2. Retrieved from <http://jcmc.indiana.edu/vol4/issue2/larose.html>
- Lawless, K. A., Schrader, P. G., & Mayall, H. J. (2007). Acquisition of information online: Knowledge, navigation and learning outcomes. *Journal of Literacy Research*, 39(3), 289–306.
- Means, B., Toyama, Y., Murphy, R., Bakia, M., & Jones, K. (2009). *Evaluation of evidence-based practices in online learning: A meta-analysis and review of online learning*

- studies*. Washington, DC: U.S. Department of Education. Retrieved from <http://www.ed.gov/rschstat/eval/tech/evidence-based-practices/finalreport.pdf>
- Mentzer, G. A., Cryan, J., & Teclehaimanot, B. (2007). A comparison of face-to-face and Web-based classrooms. *Journal of Technology and Teacher Education*, 15(2), 233–246.
- North American Council for Online Learning. (2008). *National standards for quality online teaching*.
- O'Dwyer, L. M., Carey, R., & Kleiman, G. (2007). A study of the effectiveness of the Louisiana algebra online course. *Journal of Research on Technology in Education*, 39(3), 289–306.
- Parker, M. J. (1999, June). *Are academic behaviors fostered in Web-based environments?* Paper presented at the National Education Computing Conference, Atlantic City, NJ.
- Pearson, P. D., Ferdig, R. E., Blomeyer, R. L., Jr., & Moran, J. (2005). *The effects of technology on reading performance in the middle school grades: A meta-analysis with recommendations for policy*. Naperville, IL: Learning Point Associates.
- Picciano, A. G., & Seaman, J. (2007). *K–12 online learning: A survey of U.S. school district administrators*. Boston: Sloan Consortium. Retrieved from http://www.sloan-c.org/publications/survey/K-12_06.asp
- Poirier, C. R., & Feldman, R. S. (2004). Teaching in cyberspace: Online versus traditional instruction using a waiting-list experimental design. *Teaching of Psychology*, 31(1), 59–62.
- Rockman, et al. (2007). *ED PACE final report*. Submitted to the West Virginia Department of Education. San Francisco: Author. Retrieved from <http://www.rockman.com/projects/146.ies.edpace/finalreport.pdf>
- Saito, H., & Miwa, K. (2007). Construction of a learning environment supporting learners' reflection: A case of information seeking on the Web. *Computers & Education*, 49(2), 214–229.
- Schmidt, K. (2002). Classroom action research: A case study assessing students' perceptions and learning outcomes of classroom teaching versus online teaching. *Journal of Industrial Teacher Education*, 40(1), 45–59.
- Schroeder, B. A. (2006). *Multimedia-enhanced instruction in online learning environments*. (Unpublished doctoral dissertation). Boise State University, Boise, ID.
- Setzer, J. C., & Lewis, L. (2005). *Distance education courses for public elementary and secondary school students: 2002–03* (NCES #2005-010). Washington, DC: National Center for Education Statistics.
- Sitzmann, T., Kraiger, K., Stewart, D., & Wisher, R. (2006). The comparative effectiveness of Web-based and classroom instruction: A meta-analysis. *Personnel Psychology*, 59, 623–664.
- Stanley, O. L. (2006). A comparison of learning outcomes by 'in-course' evaluation techniques for an online course in a controlled environment. *The Journal of Educators Online*, 3(2), 1–16.
- Stevens, K. (1999). *Two Canadian approaches to teaching biology, chemistry, mathematics and physics to senior high school students in virtual classes*. Paper

presented at the Australasian Science Education Research Association, Rotorua, New Zealand.

- Tucker, B. (2007, June). *Laboratories of reform: Virtual high schools and innovation in public education*. Washington, DC: Education Sector Reports. Retrieved from <http://www.educationsector.org/publications/laboratories-reform-virtual-high-schools-and-innovation-public-education>
- U.S. Department of Education, Office of Planning, Evaluation, and Policy Development. (2009). *Evaluation of evidence-based practices in online learning: A meta-analysis and review of online learning studies*. Washington, DC: Author.
- Wallace, P. E., & Clariana, R. B. (2000). Achievement predictors for a computer-applications module delivered online. *Journal of Information Systems Education*, 11(1/2), 13–18.
- Wang, K. H., Wang, T. H., Wang, W. L., & Huang, S. C. (2006). Learning styles and formative assessment strategy: Enhancing student achievement in Web-based learning. *Journal of Computer Assisted Learning*, 22(3), 207–217.
- Zandberg, I., & Lewis, L. (2008). *Technology-based distance education courses for public elementary and secondary school students: 2002–03 and 2004–05* (NCES #2008-08). Washington, DC: National Center for Education Statistics.
- Zhang, D., Zhou, L., Briggs, R. O., & Nunamaker, J. F., Jr. (2006). Instructional video in e-learning: Assessing the impact of interactive video on learning effectiveness. *Information and Management*, 43(1), 15–27.
- Zhang, K. (2004). *Effects of peer-controlled or externally structured and moderated online collaboration on group problem solving processes and related individual attitudes in well-structured and ill-structured small group problem solving in a hybrid course*. (Unpublished doctoral dissertation). Pennsylvania State University, University Park, PA.
- Zhao, Y., Lei, J., Yan, B., Lai, C., & Tan, H. S. (2005). What makes the difference? A practical analysis of research on the effectiveness of distance education. *Teachers College Record*, 107(8), 1836–1884.