Indexing | View Papers | Aims & Scope | Editorial Board | Guideline | Article Processing Charges

OPEN ACCESS

Wikis: Promoting Collaborative Literacy through Affordable Technology in Content-Area Classrooms

PDF (Size:1493KB) PP. 76-82   DOI: 10.4236/ce.2011.22011

Author(s)

Brianna Carney-Strahler

ABSTRACT

Educators may realize the impact technology has on students, but may be ill equipped to integrate high-tech devices into the classroom in an affordable way. Educators can capitalize on students' experience with technology by incorporating wikis, a collaborative webpage, into classroom instruction. Studies indicate that wiki technology can greatly enhance student collaboration and build content-area literacy skills. There are several research-based applications for implementing wiki technology into content-area classrooms. However, educators must consider the effect of wikis on curricula before integrating wikis into the classroom.

KEYWORDS

Literacy, Technology, Collaboration, Wiki

Cite this paper

References

[1]   Barron, B. J. S., Schwartz, D. L., Vye, N. J., Moore, A., Petrosino, A., Zeck, L., & Bransford, J. D. (1998). Doing with understanding: Lessons from research on problem- and project-based learning. The Journal of the Learning Sciences, 7, 271-311.

[2]   Boling, E., Castek, J., Zawilinski, L., Barton, K., & Nierlich, T. (2008). Collaborative literacy: Blogs and internet projects. The Reading Teacher, 61, 504-506.

[3]   DeWitt, D., & Siraj, S. (2010). Learners' perceptions of technology for design of a collaborative m-learning module. World Journal on Educational Technology, 2, 169-185.

[4]   Duplichan, S. C. (2009). Using web logs in the science classroom. Science Scope, 33, 33-37.

[5]   Hazari, S., North, A., & Moreland, D. (2009). Investigating pedagogical value of wiki technology. Journal of Information Systems Education, 20, 187-198.

[6]   Helle, L., Tynjala, P., Okinuro, E., & Lonka, K. (2007). Ain't nothin' like the real thing. Motivation and study processes on a work-based project course in information systems design. British Journal of Educational Psychology, 77, 397-411.

[7]   Huffaker, D. (2005). The educated blogger: Using weblogs to promote literacy in the classroom. AACE Journal, 13, 91-98.

[8]   Jewitt, C. (2005). Multimodality, "reading," and "writing" for the 21st century. Studies in the Cultural Politics of Education, 26, 315-331.

[9]   Johnson, J., & Holcombe, M. (1993). Writing to learn in a content area. Clearing House, 66, 155-158.

[10]   Judd, T., Kennedy, G., & Cropper, S. (2010). Using wikis for collaborative learning: Assessing collaboration through contribution. Australasian Journal of Educational Technology, 26, 341-354.

Sponsors, Associates, and Links >>

- The Conference on Information Technology in Education (CITE 2012)

[11] Kessler, G. (2009). Student-initiated attention to form in Wiki-based collaborative writing. Language Learning & Technology, 13, 79-95.

[12] Kissel, B., Hathaway, J. I., & Wood, K. D. (2010). Digital collaborative literacy: Using wikis to promote social learning and literacy development. Middle School Journal, 41, 58-64.

[13] Knipper, K. J., & Duggan, T. J. (2006). Writing to learn across the curriculum: tools for comprehension in content area classes. The Reading Teacher, 59, 462-470.

[14] Koopman, B. L. (2010). From Socrates to wikis: Using online forums to deepen discussions. Kappan, 92, 24-27.

[15] Leight, J. (2008). Lifting the fog on instructional blogs. Journal of Physical Education, Recreation, & Dance, 79, 52-55.

[16] Leu, D. (2000). Literacy and technology: Deictic consequences for literacy education in an information age. In M. Kamil, P. Mosenthal, P. Pearson and R. Barr, (Eds.), Handbook of reading research: Volume III (pp. 743-770). Mahwah, NJ: L. Erlbaum Associates.

[17] Luehmann, A., & MacBride, R. (2009). Classroom blogging in the service of student-centered pedagogy: Two high school teachers' use blogs. THEN: Technology, Humanities, Education, & Narrative, 6, 5-36.

[18] MacBride, R., & Luehmann, A. L. (2008). Capitalizing on emerging technologies: A case study of classroom blogging. School Science and Mathematics, 108, 173-183.

[19] Mak, B., & Coniam, D. (2008). Using Wikis to enhance and develop writing skills among secondary school students in Hong Kong. System, An International Journal of Educational Technology and Applied Linguistics, 36, 437-455.

[20] Marks, D. B. (2010). Working with wikis: Collaboration in the 21st century. Journal of Technology Integration in the Classroom, 2, 75-89.

[21] McNabb, M. (2006). Navigating the maze of hypertext. Educational Leadership, 63, 76-79.

[22] Olliges, R. (2010). Wikis and collaboration: Are they a mix? Journal of Philosophy and History Education, 60, 77-80.

[23] Paus-Hasebrin, I., Wijnen, C. W., & Jadin, T. (2010). Opportunities of Web 2.0: Potentials of learning. International Journal of Media and Cultural Politics, 6, 45-62.

[24] Peterson, S. S. (2007). Teaching content with the help of writing across the curriculum. Middle School Journal, 39, 26-33.

[25] Ruth, A., & Houghton, L. (2009). The wiki way of learning. Australasian Journal of Educational Technology, 25, 135-152.