

References

- Bischoff, P.J. , & Golden, C.F. (2003). Exploring the role of individual and socially constructed knowledge mobilization tasks in revealing preservice elementary teachers' understandings of a triangle fraction task. *School Science and Mathematics*, 103(6), 266–273.
- Brooks, J.G. , & Brooks, M.G. (1993). *In search for understanding the case for constructivist classrooms*. Alexandria, Virginia: ASCD.
- Christianson, R.G. (1999). Comparison of student learning about diffusion and osmosis in constructivist and traditional classrooms. *International Journal of Science Education*, 21(6), 687–698.
- Cohen, L. (2007). *Research methods in education* (6th Ed.). London: Routledge.
- Dochy, F., Segers, M., van den Bossche, P., Gijbels, D. (2003). Effects of problem-based learning: A meta-analysis. *Learning and Instruction*, 13(5), 533–568.
- Gergen, K.J. (1994). Social construction and the educational process. In L.P. Steffe & J. Gale (Eds.) *Constructivism in education*. New Jersey: Lawrence Erlbaum Associates, Publishers.
- Green, S.B. , Salkind, N.J. , & Akey, T.M. (2000). *Using SPSS for Windows: Analyzing and understanding data* (2nd Ed.). New Jersey: Prentice-Hall.
- Gronlund, N.E. , & Linn, R.L. (1990). *Measurement and evaluation in teaching* (6th ed.) New York: MacMillan Publishing Company.
- Jadallah, E. (2000). Constructivist learning experiences for social studies education. *Social Studies*, 91(5), 221–225.
- Holt-Reynolds, D. (2000). What does the teacher do? Constructivist pedagogies and prospective teachers' beliefs about the role of a teacher. *Teaching and Teacher Education*, 16, 21–32.
- Korkmaz, H. (2001). The effect of an active learning approach based on multiple intelligence theory on students' achievement and attitudes. *Science and Education*, 26(119), 71–76.
- Leidner, D.E. , & Fuller, M. (1997). Improving student learning of conceptual information: GSS supported collaborative learning vs. individual constructive learning. *Decision Support Systems*, 20, 146–163.
- Loyens, S.M. M., Rikers Remy M.J. P, / Schimdt H.G. (2007). The impact of students' conceptions of constructivist assumptions on academic achievement and drop-out. *Studies in Higher Education*, 32(5), 581–602.
- Lunenberg, M., & Korthagen, A.J. (2003). Teacher educators and student-directed learning. *Teaching and Teacher Education*, 19, 29–44.

- Kroll, L.R. , & LaBoskey, V.K. (1996). Practicing what we preach: Constructivism in a teacher education program. *Action in Teacher Education*, 18(2), 63–72.
- Nie, Y., & Lau, S. (2009). Differential relations of constructivist and didactic instruction to students' cognition, motivation, and achievement. *Learning and Instruction*, in press revised version, pp. 1–13.
- Rodriguez, A. Jç, & Berryman, C. (2002). Using sociotransformative constructivism to teach for understanding in diverse classrooms: A beginning teacher's journey. *American Educational Research Journal*, 39(4), 1017–1045.
- Shunk, D.H. (1996). *Learning theories: An educational perspective* (2nd ed.). New Jersey: Prentice-Hall, Inc.
- Simons, P.R. J. (1997). Definitions and theories of active learning. In D. Stern & G.L. Huber (eds.) *Active learning for students and teachers*. Frankfurt am Main: Peter Lang.
- Stern, D. (1997). What are we learning? In D. Stern & G.L. Huber (eds.) *Active learning for students and teachers*. Frankfurt am main: Peter Lang.
- Tatto, M.T. (1998). Improving teacher education in rural Mexico: The challenges and tensions of constructivist reform. *Teaching and Teacher Education*, 15, 15–35.
- Tenenbaum, G., Naidu, S., Jegede, O., & Austin J. (2001). Constructivist pedagogy in conventional on-campus and distance learning practice: An exploratory investigation. *Learning and instruction*, 11, 87–111.
- Tynjälä, P. (1997). Developing education students' conceptions of the learning process in different learning environments. *Learning and Instruction*, 7(3), 277–297.
- Tynjälä, P. (1999). Towards expert knowledge? A comparison between a constructivist and a traditional learning environment in the university. *International Journal of Educational Research*, 31, 357–442.
- Vygotsky, L. (1994). The development of thinking and concept formation in adolescence. In R. van der Veer & J. Valsiner (eds.), *The Vygotsky reader* [pp.175–184]. Oxford: Blackwell.
- Wilson, L., Andrew, C., & Sourikova, S. (2001). Shape and structure in primary mathematics lessons: A comparative study in the North-east of England and St Petersburg, Russia _ some implications for the daily mathematics lesson. *British Educational Research Journal*, 27(1), 29–58.
- Woolfolk, A.E. (2001). *Educational psychology* (8th ed.). Boston: Allyn and Bacon.
- Yildirim, Z., Özden, Y., & Aksu, M. (2001). Comparison of hypermedia learning and traditional instruction on knowledge acquisition and retention. *The Journal of Educational research*, 94(4), 207–214.

Zozakiewicz, C., & Rodriguez, A.J. (2007). Using transformative constructivism to create multicultural and gender-inclusive classrooms: An intervention project for teacher professional development. *Educational Policy*, 21(2), 397–425.