

References on PBL

- Brooks, M. G., & Brooks, J. G. (1999). The courage to be constructivist. *Educational Leadership*, 57(3). Retrieved October 2, 2015 from:
- Bybee, R. (2014). NGSS and the next generation of science teachers. *Journal of Science Teacher Education*, 25(2), 211-221.
- Chua, K., Yang, W., & Leo, H. (2014). Enhanced and conventional project-based learning in an engineering design module. *International Journal Of Technology & Design Education*, 24(4), 437-458. doi: 10.1007/s10798-013-9255-7
- Dimensions of teaching and learning. Retrieved October 2, 2015 from:
<https://www.k12leadership.org/content/service/5-dimensions-of-teaching-and-learning>
- Duffy, T. & Jonnasen, D. (1992). *Constructivism and the Technology of Instruction: A Conversation*. Philadelphia, PA: Lawrence Erlbaum.
- Fellows, S. & Ahmet, K. (1999). *Inspiring students: Case studies in Motivating the Learner*. London: Kogan Page.
- Fincher, S. & Petre, M. (1998). Project-based learning practices in computer science education. *Proceedings of the 28th Annual Frontiers in Education – Volume 3*. Washington DC: IEEE Computer Society.
- Jonassen, D. (2000). Toward a Design Theory of Problem Solving. *Educational Technology Design and Development*, 48(4).
- Jonnasen, D. (2004). *Handbook of Research for Educational Communications and Technology 2nd*). New York: Lawrence Erlbaum.
- Mergendoller, J. R., Maxwell, N. L., & Bellisimo, Y. (2006). The Effectiveness of Problem-Based Instruction: A Comparative Study of Instructional Methods and Student Characteristics. *The Interdisciplinary Journal of Problem-based Learning*. 1(2).
- Rhem, J. (1998). Problem-Based Learning: An Introduction. *The National Learning and Teaching Forum*. 8(1).
- Siu Cheung, K., & Yanjie, S. (2014). The impact of a principle-based pedagogical design on inquiry-based learning in a seamless learning environment in Hong Kong. *Journal Of Educational Technology & Society*, 17(2), 127-141.
- Thomas, J. (2000). *A Review of Research on Problem-based Learning*. San Rafael: The Autodesk Foundation.

Walker, A., & Leary, H. (2009). A Problem-based Learning Meta-analysis: Differences Across Problem Types, Implementation Types, Disciplines, and Assessment Levels. *Interdisciplinary Journal of Problem-based Learning*, 3(1).