

DAFTAR PUSTAKA

Faiz, F. (2012). Thingking Skill, Pengantar Menuju Berpikir Kritis. Yogyakarta: SUKA-Press. Fakhriyah, F. (2014).

Penerapan Model Problem Based Learning Dalam Upaya Mengembangkan Kemampuan Berpikir Kritis Mahasiswa. Jurnal Pendidikan IPA Indonesia, 95-101.

Indarwati, D., Wahyudi, & Ratu, N. (2014).

Peningkatan Kemampuan Pemecahan Masalah Matematika Melalui Penerapan Problem based Learning Untuk Siswa Kelas V SD. Satya Widya, 17-27. Islam, F. M. (2018).

Penerapan Model Problem Based Learning Untuk Meningkatkan Berpikir Kritis Dan Hasil Belajar IPA Dalam Tema 8 kelas 4 SD. Jurnal Mitra Pendidikan, 613-628.

Jacob, S., & Sam , H. (2008). Measuring Critical Thinking In Problem Solving Through Online Discussion Forums In First Year University Mathematics. Proceedings of the International Multi Conference of Engineers and Computer Scientists, Hongkong.

Fitri, M., Yuanita, P., & Maimunah, M. (2020). Pengembangan Perangkat Pembelajaran Matematika Journal of Education Action Research, Vol. 5, No. 2, Tahun 2021, pp. 171-178 177 I Nyoman Gede Brathatapa / Penerapan Model Pembelajaran *Problem Based Learning* (PBL) untuk Meningkatkan Aktivitas dan Hasil Belajar PPKn pada Materi Kewenangan Lembaga-Lembaga Negara

Terintegrasi Keterampilan Abad 21 Melalui Penerapan Model Problem Based Learning (PBL). *Jurnal Gantang*, 5(1), 77–85.

Loyens, S. M. M., Kirschner, P. A., & Paas, F. (2012). Problem-based learning. In K. R. Harris, S. Graham, & T. Urdan (Eds.), *APA educational psychology handbook* (Vol. 3). American Psychological Association.

Schmidt, H. G., Rotgans, J. I., & Yew, E. H. J. (2011). The process of problem-based learning: What works and why. *Medical Education*.

Hmelo-Silver, C. E., & DeSimone, C. (2013). Problem-based learning: An approach to meaningful learning. In J. M. Spector, M. D. Merrill, J. Elen, & M. J. Bishop (Eds.), *Handbook of Research on Educational Communications and Technology* (pp. 201-210). Springer.

Yew, E. H. J., & Goh, K. (2016). Problem-based learning: An overview of its process and impact on learning. *Health Professions Education*.

Gijbels, D., & Loyens, S. M. M. (2012). The relationship between students' approaches to learning and the assessment of learning outcomes in problem-based learning. *Educational Psychology Review*.

Masek, A., & Yamin, S. (2012). The effect of problem-based learning on critical thinking ability: A theoretical and empirical review. *International Review of Social Sciences and Humanities*.

Dolmans, D. H. J. M., Loyens, S. M. M., Marcq, H., & Gijbels, D. (2016). Deep and surface learning in problem-based learning: a review of the literature. *Advances in Health Sciences Education*.

Anazifa, R. D., & Djukri. (2017). The effectiveness of problem-based learning in science education on conceptual understanding: A meta-analysis. International Journal of Instruction.

Walker, A., Leary, H., Hmelo-Silver, C. E., & Ertmer, P. A. (2015). Essential readings in problem-based learning: Exploring and extending the legacy of Howard S. Barrows. Purdue University Press.

Adinda, N., & Rahma, A. (2023). Pengaruh Kemampuan Berpikir Kritis dalam Menjawab Tantangan Global. Jurnal Pendidikan Global.

Muslihudin, A. (2019). Model Problem Based Learning untuk Meningkatkan Kemampuan Berpikir Kritis Siswa. Jurnal Pendidikan Dasar.

Oktaferi, R., & Desyandri, D. (2020). Penerapan Model PBL dalam Pembelajaran IPS untuk Meningkatkan Kemampuan Berpikir Kritis Siswa. Jurnal Ilmiah Pendidikan.

Creswell, J. W., & Plano Clark, V. L. (2015). Designing and conducting mixed methods research (2nd ed.). Sage Publications.

Tiwari, A., Lai, P., So, M., & Yuen, K. (2006). A comparison of the effects of problem-based learning and lecturing on the development of students' critical thinking. Medical Education.

Hung, W., Jonassen, D. H., & Liu, R. (2008). Problem-based learning. In J. M. Spector, M. D. Merrill, J. J. G. van Merriënboer, & M. P. Driscoll (Eds.), Handbook of Research on Educational Communications and Technology (pp. 485-506). Routledge.

- Strobel, J., & van Barneveld, A. (2009). When is PBL More Effective? A Meta-synthesis of Meta-analyses Comparing PBL to Conventional Classrooms. *Interdisciplinary Journal of Problem-Based Learning*, 3(1), 44-58.
- Sungur, S., & Tekkaya, C. (2006). Effects of Problem-Based Learning and Traditional Instruction on Self-Regulated Learning. *The Journal of Educational Research*, 99(5), 307-317.
- Hmelo-Silver, C. E., & Eberbach, C. (2019). Learning Theories and Problem-Based Learning. In M. Moallem, W. Hung, & N. Dabbagh (Eds.), *The Wiley Handbook of Problem-Based Learning* (pp. 45-64). Wiley.
- Hung, W., Jonassen, D. H., & Liu, R. (2020). Problem-Based Learning. In R. E. Mayer & P. A. Alexander (Eds.), *Handbook of Research on Learning and Instruction* (2nd ed., pp. 485-504). Routledge.
- Dolmans, D. H. J. M., Loyens, S. M. M., Marcq, H., & Gijbels, D. (2016). Deep and Surface Learning in Problem-Based Learning: A Review of the Literature. *Advances in Health Sciences Education*, 21(5), 1087-1112.
- Widjajanti, E. (2011). Mengembangkan Kemampuan Berpikir Kritis Melalui Pembelajaran Problem-Based Learning. *Jurnal Pendidikan dan Kebudayaan*, 17(4), 430-441.
- Walker, A., & Leary, H. (2020). A problem-based learning meta-analysis: Differences across problem types, implementation types, disciplines, and assessment levels. *Interdisciplinary Journal of Problem-Based Learning*, 14(2), 1-20.

Kizilcec, R. F., & Halawa, S. (2019). Attrition and achievement gaps in online learning. In Proceedings of the Sixth ACM Conference on Learning @ Scale (pp. 11-20).

Walker, A., & Leary, H. (2020). A problem-based learning meta-analysis: Differences across problem types, implementation types, disciplines, and assessment levels. *Interdisciplinary Journal of Problem-Based Learning*, 14(2), 1-20.

Kizilcec, R. F., & Halawa, S. (2019). Attrition and achievement gaps in online learning. In Proceedings of the Sixth ACM Conference on Learning @ Scale (pp. 11-20).