

DAFTAR PUSTAKA

- Aini, N., Ramdani, S. D., & Raksun, R. (2018). Pengaruh model pembelajaran inkuiri terhadap Kemampuan Berpikir Kritis siswa pada materi sistem pencernaan. *Jurnal Pendidikan*, 5(1), 34-45.
- Allela, Melisa. 2021. "Introduction to Microlearning.": 85.
- Arends, R. I. (2012). *Learning to teach* (9th ed.). McGraw-Hill.
- Bruck, Martin Lindner & Peter A. 2007. *Iup • Innsbruck University Press Micromedia and Corporate Learning: Proceedings of the 3rd International Microlearning 2007 Conference*.
- Bruck, P. A., Motiwalla, L., & Foerster, F. (2012). Mobile learning with micro-content: A framework and evaluation. *Learning and Instruction*, 3(1), 89–102.
- Changwong, K., Sukkamart, A., & Sisan, B. (2018). Critical Thinking skill development: Analysis of a new learning management model for Thai high schools. *Journal of International Studies*, 11(2), 37-48.
- Clark, R. C., & Mayer, R. E. (2016). *E-learning and the science of instruction*. Wiley.
- Creswell, J. W. (2012). *Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research* (4th ed.). Boston: Pearson.
- Damyantov, Ivo, and Nikolay Tsankov. 2018. "The Role of Infographics for the Development of Skills for Cognitive Modeling in Education." *International Journal of Emerging Technologies in Learning* 13(1): 82–92. doi:10.3991/ijet.v13i01.7541.
- Departemen Pendidikan Nasional. 2008. *Pengembangan Bahan Ajar Dan Media*. Jakarta: Departemen Pendidikan Nasional.
- Dolasinski, Mary Jo, and Joel Michael Reynolds. 2020. "Microlearning: A New Learning Model." *Journal of Hospitality & Tourism Research* 44: 551–61.
- Dunlap, J. C., & Lowenthal, P. R. (2016). Getting at the grit: Examining the effectiveness of digital storytelling as a learning tool in digital media design courses. *Educational Technology Research and Development*, 64(2), 329–348.
- Dwijananti, P., & Yulianti, D. (2010). Model pembelajaran untuk melatihkan Kemampuan Berpikir Kritis siswa. *Jurnal Pendidikan Fisika Indonesia*, 6(1), 41-47.
- Ennis, R. H. (2013). Critical Thinking across the curriculum: A vision. *Topoi*, 32, 41-53.
- Facione, P. A. (2013). *Critical Thinking: What it is and why it counts*. Insight Assessment.
- Fisher, A. (2009). *Berpikir Kritis: Sebuah Pengantar*. Erlangga.
- Ghofur, A., & Nafisah, D. (2016). Penerapan Bahan Ajar Berbasis masalah untuk meningkatkan Kemampuan Berpikir Kritis pada materi ekosistem. *Jurnal Pendidikan*, 2(1), 15-26.

- Giurgiu, L. (2017). Microlearning: An evolving e-learning trend. *Scientific Bulletin*, 22(1), 18–22.
- Guo, P. J., Kim, J., & Rubin, R. (2014). How video production affects student engagement: An empirical study of MOOC videos. *Proceedings of the First ACM Conference on Learning at Scale Conference*, 41–50.
- Gunawan, I. M., & Widodo, W. (2021). The effectiveness of microlearning strategy in increasing students' critical thinking ability. *International Journal of Instructional Technology and Educational Studies*, 5(2), 141–150.
- Hakeem, S. A. (2019). Enhancing Student Engagement through Digital Media in Geography Classes. *International Journal of Educational Technology*, 13(1), 45–58.
- Hatari, H., Widiyatmoko, A., & Parmin, P. (2016). Pengaruh model pembelajaran problem based learning terhadap Kemampuan Berpikir Kritis siswa. *Jurnal Inovasi Pendidikan*, 12(3), 45–58.
- Hoskin, P. (2017). Problem-based Learning in Geography: A Framework for Developing Critical Thinking Skills. *Journal of Geography Education*, 45(2), 23–34.
- Hug, T. (2017). Microlearning: A strategy for ongoing professional development. *International Journal of Advanced Corporate Learning*, 10(1), 4–12.
- Jumaisyaroh, S., & Napitupulu, H. B. (2014). Pengaruh model pembelajaran berbasis masalah terhadap Kemampuan Berpikir Kritis siswa pada materi keanekaragaman hayati. *Jurnal Biologi dan Pembelajarannya*, 7(1), 52–62.
- Lalu, H. I. (2011). Meningkatkan Kemampuan Berpikir Kritis siswa melalui pembelajaran berbasis masalah. *Jurnal Pendidikan Sains*, 5(2), 27–35.
- Larsson, K. (2017). Understanding and teaching Critical Thinking: Perspectives of teachers in Swedish upper secondary school. *Journal of Educational Studies*, 43(1), 68–84.
- Lee, Jongwoon And Robert Berdnarz (2009) Effect Of GIS Learning On Spatial Thinking. *Journal of Geography in Higher Education*, Vol. 33, No. 2, 183–198, tersedia: <http://web.ebscohost.com>
- Lestari, I. 2013. *Akademia Penerapan Bahan Ajar Berbasis Kompetensi*. Akademia.
- Mahmudah, S., & Setiawan, A. (2020). Pengaruh media pembelajaran berbasis microlearning terhadap kemampuan berpikir kritis siswa. *Jurnal Pendidikan dan Teknologi Pembelajaran*, 8(2), 127–134.
- Marsh, Meredith, Reginald Golledge, and Sarah E. Battersby (2007). Geospatial Concept Understanding and Recognition in G6–College Students: A Preliminary Argument for Minimal GIS. *Annals of the Association of American Geographers*, 97(4), 2007, pp. 696–712. Tersedia: <http://web.ebscohost.com> ehost/pdfviewer/pdfviewer [02 Agustus 2011]

- Matsun, S., Sunarno, W., & Masykuri, M. (2016). Pengaruh model inkuiri terbimbing terhadap Kemampuan Berpikir kritis siswa dalam pembelajaran IPA. *Jurnal Pendidikan IPA*, 8(2), 123-131.
- Mayer, R. E. (2014). *Multimedia Learning* (2nd ed.). Cambridge University Press.
- Meltzer, & David, E. (2002). The Relationship Between Mathematics Preparation and Conceptual Learning Gains in Physics: A possible Hidden Variable in Diagnostic Pretest Scores. *Am. J. Phys.*, 1259-1268.
- Mohammed, Gona Sirwan, Karzan Wakil, and Sarkhell Sirwan Nawroly. 2018. "The Effectiveness of Microlearning to Improve Students' Learning Ability." *International Journal of Educational Research Review*.
- Muh. Nasir, Jufri, & Muhlis. (2015). Pembelajaran berbasis masalah dalam meningkatkan Kemampuan Berpikir kritis siswa. *Jurnal Pendidikan Biologi Indonesia*, 6(1), 67-78.
- National Research Council (2006) *Learning to Think Spatially: GIS as a Support System in the K-12 Curriculum* (Washington, National Academies Press).
- Nugraha, Hafsa, Agus Rusmana, Ute Khadijah, and Ilham Gemiharto. 2021. "Microlearning Sebagai Upaya Dalam Menghadapi Dampak Pandemi Pada Proses Pembelajaran." *JINOTEP (Jurnal Inovasi dan Teknologi Pembelajaran): Kajian dan Riset Dalam Teknologi Pembelajaran* 8(3): 225–36. doi:10.17977/um031v8i32021p225.
- Paul, R., & Elder, L. (2007). *Critical Thinking: The art of Socratic questioning*. Foundation for Critical Thinking.
- Prastowo, Andi. 2015. *Diva Press Panduan Kreatif Membuat Bahan Ajar Inovatif Cetakan Ke-4* (Yogyakarta). Yogyakarta: DIVA Press.
- Putri, M., & Sobandi, A. (2018). Pengembangan model pembelajaran untuk meningkatkan Kemampuan Berpikir Kritis siswa. *Jurnal Pendidikan dan Pembelajaran*, 5(1), 102-113.
- Reeve, J. (2016). *Understanding motivation and emotion* (7th ed.). Wiley.
- Rismayanti, E. (2020). Teknologi Pendidikan di Indonesia: Tantangan dan Peluang. *Jurnal Teknologi Pendidikan Indonesia*, 8(3), 74-85.
- Salim, M. A., Ramdani, R. S., & Suryadi, S. (2014). Pengaruh metode pembelajaran berbasis proyek terhadap Kemampuan Berpikir Kritis siswa. *Jurnal Pendidikan IPA*, 4(1), 34-45.
- Shute, V. J. (2008). Focus on formative feedback. *Review of Educational Research*, 78(1), 153–189.
- Slavin, R. E. (2008). *Educational psychology: Theory and practice* (9th ed.). Pearson.
- Sugiyono. 2018. *Metode Penelitian Kuantitatif, Kualitatif Dan R&D*. Bandung: Alfabeta.

- Sugiyono. (2021). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Supendra, Dedi, Grahita Kusumastuti, Fitri Maiziani, and Elsa Rahmayanti. 2022. "The Practicality Test Of Audio-Based Podcast Media For Online Learning." *SPEKTRUM: Jurnal Pendidikan Luar Sekolah (PLS)*.
- Susilana, R, A. F Fadillah, Ardiansah; Rullyana, G Ramdani, M. R Sutisna, and D Mulyadi. 2020. *Pengembangan Micro Learning Untuk Konten Pembelajaran Daring*. Bandung: Fakultas Ilmu Pendidikan Universitas Pendidikan Indonesia.
- Susilowati, S., Sajidan, & Murni, N. (2018). Pengaruh penggunaan model pembelajaran inkuiri terbimbing terhadap Kemampuan Berpikir Kritis siswa. *Jurnal Pendidikan Biologi Indonesia*, 14(2), 89-97.
- Suriasa, Y. (2018). Pengaruh pembelajaran berbasis proyek terhadap Kemampuan Berpikir Kritis siswa pada materi ekosistem. *Jurnal Pendidikan Sains*, 12(2), 132-145.
- Torgerson, C, and S Iannone. 2019. *Designing Microlearning*. American Society for Training & Development.
- Uno, Hamzah B. 2021. *Teori Motivasi Dan Pengukurannya: Analisis Di Bidang Pendidikan*. Bumi Aksara.
- Widiadnyana, I. W., Sadia, I. W., & Suastra, I. W. (2014). Pengaruh model pembelajaran berbasis masalah terhadap Kemampuan Berpikir kritis siswa. *Jurnal Pendidikan IPA Indonesia*, 9(3), 144-152.
- Widodo, C.S, and Jasmadi. 2008. *PT Elex Media Komputindo. Panduan Menyusun Bahan Ajar Berbasis Kompetensi*. Jakarta: Elex Media Komputindo.
- Zhang, Jiahui, and Richard West. 2019. "Designing Microlearning Instruction for Professional Development Through a Competency Based Approach." *TechTrends* 64. doi:10.1007/s11528-019-00449-4.