

DAFTAR PUSTAKA

- Ahmad Yani. *Mindset Kurikulum 2013*. Bandung: Alfabeta. 2014.
- Annisa, R., Effendi, M. H., & Damris, M. (2018). *Peningkatan kemampuan berpikir kreatif siswa dengan menggunakan model Project Based Learning berbasis STEAM (Science, Technology, Engineering, Arts Dan Mathematic) pada materi asam dan basa di SMAN 11 Kota Jambi*. *Journal of The Indonesian Society of Integrated Chemistry (On Progress)*, 10(2), 42–46. <https://online-journal.unja.ac.id/jisic/article/view/6517>
- Arikunto, Suhersimi. *Prosedur Penelitian Suatu Pendekatan Praktik* Jakarta: Rineka Cipta. 2006.
- Aulia, N. (2023). *Penerapan Model Project Based Learning untuk Meningkatkan Kemampuan Berpikir Kreatif Siswa di Sekolah Dasar*. *Jurnal Riset Madrasah Ibtidaiyah*, 3(1), 284–290. <https://doi.org/10.32665/jurmia.v3i1.338>
- Banawi, A. (2019). *Implementasi pendekatan saintifik pada sintaks discovery/inquiry learning, based learning, project based learning*. *BIOSEL (Biology Science and Education): Jurnal Penelitian Science Dan Pendidikan*, 8(1), 90–100. <https://doi.org/10.33477/bs.v8i1.850>
- Bender, W. N. (2012). *Project-based learning: Differentiating instruction for the 21st century*. California: Corwin Press.
- Boss, S., & Krauss, J. (2022). *Reinventing project-based learning: Your field guide to real-world projects in the digital age*. Washington: International Society for Technology in Education.
- Budhi, H. S., & Fawaida, U. (2021). *Pengembangan Perangkat Dan Model Pembelajaran Berbasis Proyek Mata Kuliah Ipa Terpadu Melalui Pendekatan Stem (Science, Technology, Engineering and Mathematics)*. *Jurnal Ilmiah Edukasia*, 1(1), 99–111. <https://doi.org/10.26877/jie.v1i1.7969>
- Candra, R. A., Prasetya, A. T., & Hartati, R. (2019). *Analisis kemampuan berpikir kreatif peserta didik melalui penerapan blended project based learning*. *Jurnal Inovasi Pendidikan Kimia*, 13(2), 2437–2446. <https://doi.org/10.15294/jipk.v13i2.19562>
- Chen, S.-Y., Lai, C.-F., Lai, Y.-H., & Su, Y.-S. (2022). *Effect of project-based learning on development of students' creative thinking*. *The International Journal of Electrical Engineering & Education*, 59(3), 232–250. <https://researchoutput.ncku.edu.tw/en/publications/effect-of-project-based-learning-on-development-of-students-creat>
- Daryanto. *Pendekatan Pembelajaran Saintifik Kurikulum 2013*. Yogyakarta: Gava Media. 2014.

- Elvianasti, M., & Kartikawati, E. (2022). *Research Trends in PjBL (Project-Based Learning) at Indonesian Journal of Biology Education*. Jurnal Iqra': Kajian Ilmu Pendidikan, 7(2), 105–119. <https://doi.org/10.25217/ji.v7i2.2464>
- Fatmawati, A., Zubaidah, S., & Mahanal, S. (2019). *Critical thinking, creative thinking, and learning achievement: How they are related*. Journal of Physics: Conference Series, 1417(1), 12070. <https://iopscience.iop.org/article/10.1088/1742-6596/1417/1/012070>
- Fauzia, N. L. U., & Kelana, J. B. (2020). *Natural Science Problem Solving in Elementary School Students Using the Project Based Learning (PjBL) Model*. Jurnal Ilmiah Sekolah Dasar, 4(4), 596–603. <https://doi.org/10.23887/jisd.v4i4.28377>
- Febriana, R. (2021). *Evaluasi pembelajaran*. Jakarta: Bumi Aksara.
- Febrianingsih, F. (2022). *Kemampuan Berpikir Kreatif Siswa dalam Memecahkan Masalah Matematis*. Mosharafa: Jurnal Pendidikan Matematika, 11(1), 119–130. https://www.researchgate.net/publication/361086227_Kemampuan_Berpikir_Kreatif_Siswa_dalam_Memecahkan_Masalah_Matematis
- Hafida, S. H. N., Ariandi, A. P., Ismiyatin, L., Wulandari, D. A., Reygina, N., Setyaningsih, T., Setyawati, L., Sochiba, S. L., & Amin, M. A. K. (2020). *Pengenalan Etnobotani melalui Pembuatan Herbarium Kering di Lingkungan Sekolah MI Muhammadiyah Plumbon, Wonogiri*. Buletin KKN Pendidikan, 2(2), 79–83. <https://journals.ums.ac.id/index.php/buletinkndik/article/view/10776>
- Hamdani. *Strategi Belajar Mengajar*. Bandung: CV. Pustaka Setia. 2011.
- Harisuddin, M. I., & ST, M. P. (2019). *Secuil Esensi Berpikir Kreatif & Motivasi Belajar Siswa*. Jakarta: Pantera Publishing.
- Ismuwardani, Z., Nuryatin, A., & Doyin, M. (2019). *Implementation of project based learning model to increased creativity and self-reliance of students on poetry writing skills*. Journal of Primary Education, 8(1), 51–58. <https://journal.unnes.ac.id/sju/index.php/jpe/article/download/25229/11316/>
- Kadir, A., & Asrohah, H. (2015). *Pembelajaran tematik*. Depok: Raja Grafindo Persada.
- Khoiri, A., Komariah, N., Utami, R. T., Paramarta, V., & Sunarsi, D. (2021). *4Cs analysis of 21st century skills-based school areas*. Journal of Physics: Conference Series, 1764(1), 12142. https://ui.adsabs.harvard.edu/link_gateway/2021JPhCS1764a2142K/doi:10.1088/1742-6596/1764/1/012142
- Krajcik, J. S., & Czerniak, C. M. (2018). *Teaching science in elementary and middle school: A project-based learning approach*. London: Routledge.
- Kurniasih, Imas & Berlin Sani. *Perencanaan Prosedur Pembuatan RPP*. Kata Pena. 2014.

- Lince, R. (2016). *Creative thinking ability to increase student mathematical of junior high school by applying models numbered heads together*. Journal of Education and Practice, 7(6), 206–212. <https://eric.ed.gov/?id=EJ1092494>
- Lubis, F. A. (2018). *Upaya meningkatkan kreativitas siswa melalui model project based learning*. PeTeKa, 1(3), 192–201. <http://dx.doi.org/10.31604/ptk.v1i3.192-201>
- Mardalis. *Metode Penelitian*. Jakarta: Bumi Aksara. 2004.
- Mihardi, S., Harahap, M. B., & Sani, R. A. (2013). *The effect of project based learning model with kwl worksheet on student creative thinking process in physics problems*. Journal of Education and Practice, 4(25), 188–200. <https://core.ac.uk/reader/234635060>
- Moelong, Lexy J. *Penelitian Kualitatif*. Bandung: Remaja Rosdakarya. 2005.
- Mulyandari, W., Pantiwati, Y., Wahyuni, S., Susetyarini, R. E., & Hindun, I. (2022). *Model Project Based Learning: Meningkatkan Kognitif Siswa Dan Keterampilan Membuat Herbarium*. Jurnal Education And Development, 10(2), 558–561. <https://doi.org/10.37081/ed.v10i2.3682>
- Mursid, R., Saragih, A. H., & Hartono, R. (2022). *The Effect of the Blended Project-Based Learning Model and Creative Thinking Ability on Engineering Students' Learning Outcomes*. International Journal of Education in Mathematics, Science and Technology, 10(1), 218–235. <https://www.ijemst.net/index.php/ijemst/article/viewFile/2244/285>
- Nurhadiyati, A., Rusdinal, R., & Fitria, Y. (2021). *Pengaruh Model Project Based Learning (PJBL) Terhadap Hasil Belajar Siswa Di Sekolah Dasar*. Jurnal Basicedu, 5(1), 327–333. <https://doi.org/10.31004/basicedu.v5i1.684>
- Nurhidayah, I. J., Wibowo, F. C., & Astra, I. M. (2021). *Project Based Learning (PjBL) learning model in science learning: Literature review*. Journal of Physics: Conference Series, 2019(1), 12043. <https://iopscience.iop.org/article/10.1088/1742-6596/2019/1/012043>
- Nurmawati, F., & Yulisetiani, S. (2022). *Teacher's Perspective for Thematic Learning Systems During the Covid-19 Pandemic*. Journal of Education Technology, 6(2). <https://doi.org/10.23887/jet.v6i2.43192>
- Permendikbud. *Peraturan Menteri Pendidikan dan Kebudayaan Nomor 22 Tahun 2016 tentang Standar Proses Pendidikan Dasar dan Menengah*. Jakarta. 2016.
- Saad, A., & Zainudin, S. (2022). *A review of Project-Based Learning (PBL) and Computational Thinking (CT) in teaching and learning*. Learning and Motivation, 78, 101802. <https://doi.org/10.1016/j.lmot.2022.101802>

- Sani, Ridwan Abdullah. *Pembelajaran Saintifik untuk Implementasi Kurikulum 2013*. Jakarta: Bumi Aksara, 2014.
- Sari, K. A., Prasetyo, Z. K., & Wibowo, W. S. (2017). *Development of science student worksheet based on project based learning model to improve collaboration and communication skills of junior high school student*. *Journal of Science Education Research*, 1(1). <https://doi.org/10.21831/jser.v1i1.16178>
- Sugiyono. *Metode Penelitian Kualitatif*. Bandung: CV. Alfabeta. 2020.
- Sukardi, H. M. (2021). *Metodologi Penelitian Pendidikan: Kompetensi Dan Praktiknya (Edisi Revisi)*. Jakarta: Bumi Aksara.
- Sumarni, W., & Kadarwati, S. (2020). *Ethno-stem project-based learning: Its impact to critical and creative thinking skills*. *Jurnal Pendidikan IPA Indonesia*, 9(1), 11–21. <https://doi.org/10.15294/jpii.v9i1.21754>
- Supena, I., Darmuki, A., & Hariyadi, A. (2021). *The Influence of 4C (Constructive, Critical, Creativity, Collaborative) Learning Model on Students' Learning Outcomes*. *International Journal of Instruction*, 14(3), 873–892. <https://eric.ed.gov/?id=EJ1304598>
- Susanti, S. (2013). *Pengaruh Pembelajaran Berbasis Proyek Terhadap Kemampuan Berpikir Kreatif dan Sikap Ilmiah Siswa Pada Materi Nutrisi*. *Jurnal Pengajaran MIPA*, 18(1), 35–42. <https://doi.org/10.18269/jpmipa.v18i1.36115>
- Tersiana, A. (2018). *Metode Penelitian*. Bantul: Anak Hebat Indonesia.
- Umar Tirtarahardja. *Pengantar Pendidikan*. Jakarta : PT. Rineka Cipta. 2005.
- Widiasworo. *Strategi Dan Metode Mengajar Siswa Diluar Kelas (Outdoor Leaning) Secara Aktif, Kreatif, Inspiratif, dan Komunikatif*. Yogyakarta: Ar-Ruzz Media Group. 2016.
- Yaumi, M. (2017). *Prinsip-prinsip desain pembelajaran: Disesuaikan dengan kurikulum 2013 edisi Kedua*. Jakarta: Kencana Publishing.
- Zulyusri, Z., Elfira, I., Lufri, L., & Santosa, T. A. (2023). *Literature Study: Utilization of the PjBL Model in Science Education to Improve Creativity and Critical Thinking Skills*. *Jurnal Penelitian Pendidikan IPA*, 9(1), 133–143. <https://jppipa.unram.ac.id/index.php/jppipa/article/view/2555>