

DAFTAR PUSTAKA

- Affifah, I. R. N., & Retnawati, H. (2019). Is it difficult to teach higher order thinking skills? *Journal of Physics: Conference Series*, 1320(1). <https://doi.org/10.1088/1742-6596/1320/1/012098>
- Ahmad, S., Prahmana, R. C. I., Kenedi, A. K., Helsa, Y., Arianil, Y., & Zainil, M. (2018). The instruments of higher order thinking skills. *Journal of Physics: Conference Series*, 943(1). <https://doi.org/10.1088/1742-6596/943/1/012053>
- Aldabbus, S. (2018). Project-Based Learning: Implementation & Challenges. *International Journal of Education, Learning and Development*, 6(3), 71–79. www.eajournals.org
- Ali, M., & Asrori, M. (2014). *Riset dan Pendidikan; Metodologi dan Aplikasi* (Pertama). Bumi Aksara.
- Amelia Pertiwi Pasaribu, P., & Simatupang, H. (2020). Pengaruh Model Pembelajaran Project Based Learning (PjBL) Terhadap Hasil dan Aktivitas Belajar Siswa pada Materi Pencemaran Lingkungan di Kelas X MIA SMAN 6 Binjai TP 2018-2019. *Jurnal Pembelajaran Dan Matematika Sigma (Jpms)*, 6(1), 10–17. <https://doi.org/10.36987/jpms.v6i1.1655>
- Anderson, L. W., Krathwohl, D. R., Airasian, P. W., Cruikshank, K. A., Mayer, R. E., Pintrich, P. R., Raths, J., & Wittrock, M. C. (2001). A Taxonomy for Learning, Teaching, and Assessing_ A Revision of Bloom's Taxonomy of Educational Objectives. *A Taxonomy for Learning, Teaching, and Assessing_ A Revision of Bloom's Taxonomy of Educational Objectives*, 302.
- Anderson, L. W., Krathwohl Peter W Airasian, D. R., Cruikshank, K. A., Mayer, R. E., Pintrich, P. R., Raths, J., & Wittrock, M. C. (2001). *A Taxonomy for learning, teaching, and assessing*.
- Arend, R. I. (2012). *Learning to Teach* (Ninth Edit).
- Arikunto, S. (2015). *Dasar-dasar Evaluasi Pendidikan* (kedua). Bumi Aksara.
- Brookhart, S. M. (2010). How to Assess higher-order thinking skills. In *Journal of Education* (Vol. 88, Issue 18). <https://doi.org/10.1177/002205741808801819>
- Bujuri, D. A. (2018). Analisis Perkembangan Kognitif Anak Usia Dasar dan Implikasinya dalam Kegiatan Belajar Mengajar. *LITERASI (Jurnal Ilmu Pendidikan)*, 9(1), 37. [https://doi.org/10.21927/literasi.2018.9\(1\).37-50](https://doi.org/10.21927/literasi.2018.9(1).37-50)
- Chalkiadaki, A. (2018). 21st Century Skilss Journal. *International Journal of Instruction*, 11(3), 1–16.
- Chinedu, C.& Kamin, Y. (2015). Strategies for improving higher order thinking

- skills in teaching and learning of design and technology education. *Journal of Technical Education and Training*, 7(2), 35–43.
- Creswell, J. W. (2019). *Educational Research*.
- Fitri, H., Dasna, I. W., & Suharjo, S. (2018). Pengaruh Model Project Based Learning (PjBL) Terhadap Kemampuan Berpikir Tingkat Tinggi Ditinjau dari Motivasi Berprestasi Siswa Kelas IV Sekolah Dasar. *Briliant: Jurnal Riset Dan Konseptual*, 3(2), 201. <https://doi.org/10.28926/briliant.v3i2.187>
- Ganapathy, M. G., Singh, M. K. M., Kaur, S., & Kit, L. W. (2017). Promoting higher order thinking skills via teaching practices. *3L: Language, Linguistics, Literature*, 23(1), 75–85. <https://doi.org/10.17576/3L-2017-2301-06>
- Golemen, D., Bannet, L., & Barlow, Z. (2012). *Ecoliterate : How educators are cultivating emotional, social, and ecological intelligence*. Jossey Bass.
- Harlen OBE, W. (2018). The Teaching of Science in Primary Schools. In *The Teaching of Science in Primary Schools*. <https://doi.org/10.4324/9781315850962>
- Hassan, M. N., Mustapha, R., Azmah, N., Yusuff, N., & Mansor, R. (2017). Development of Higher Order Thinking Skills Module in Science Primary School : Needs Analysis. *International Journal of Academic Research in Business and Social Sciences*, 7(2), 624–628. <https://doi.org/10.6007/IJARBSS/v7-i2/2670>
- Hayati, F., Neviyarni, N., & Irdamurni, I. (2021). Karakteristik Perkembangan Siswa Sekolah Dasar : Sebuah Kajian Literatur. *Jurnal Pendidikan Tambusai*, 5(1), 1809–1815.
- Hendon, S., & Abdullah, S. (2016). Transforming Science Teaching Environment for the 21st Century Primary School Pupils. *Malaysian Online Journal of Educational Technology*, 4(4), 68–76. www.mojet.net
- Hendriani, A., Herlambang, Y. T., & ... (2020). Effectiveness of Project-Based Learning Models In Improving The Metacognition Ability Of Elementary School Students. *PalArch's Journal of ...*, 17(8), 665–679. <https://www.archives.palarch.nl/index.php/jae/article/view/4458%0Ahttps://www.archives.palarch.nl/index.php/jae/article/download/4458/4372>
- Heong, Y. M., Yunos, J. M., Othman, W., Hassan, R., Kiong, T. T., & Mohamad, M. M. (2012). The Needs Analysis of Learning Higher Order Thinking Skills for Generating Ideas. *Procedia - Social and Behavioral Sciences*, 59, 197–203. <https://doi.org/10.1016/j.sbspro.2012.09.265>
- Hondrich, A. L., Hertel, S., Adl-Amini, K., & Klieme, E. (2016). Implementing curriculum-embedded formative assessment in primary school science classrooms. *Assessment in Education: Principles, Policy and Practice*, 23(3),

- 353–376. <https://doi.org/10.1080/0969594X.2015.1049113>
- Ichsan, I. Z., Sigit, D. V., & Miarsyah, M. (2019). Environmental Learning based on Higher Order Thinking Skills: A Needs Assessment. *International Journal for Educational and Vocational Studies*, 1(1), 21. <https://doi.org/10.29103/ijevs.v1i1.1389>
- Ichsan, I. Z., Sigit, D. V., Miarsyah, M., Ali, A., Arif, W. P., & Prayitno, T. A. (2019). HOTS-AEP: Higher order thinking skills from elementary to master students in environmental learning. *European Journal of Educational Research*, 8(4), 935–942. <https://doi.org/10.12973/eu-jer.8.4.935>
- Kemendikbud, B. (2019). Pendidikan di Indonesia belajar dari hasil PISA 2018. *Pusat Penilaian Pendidikan Balitbang KEMENDIKBUD*, 021, 1–206.
- Khairini, A., Mardiaty, Sitepu, D. R., Wirevenska, I., Saputri, L., & Sinaga, S. S. (2022). *Model Pembelajaran Inovasi* (pertama). Deepublish.
- Kristiyowati, R., & Purwanto, A. (2019). Pembelajaran Literasi Sains Melalui Pemanfaatan Lingkungan. *Scholaria: Jurnal Pendidikan Dan Kebudayaan*, 9(2), 183–191. <https://doi.org/10.24246/j.js.2019.v9.i2.p183-191>
- Lavasani, M. G., & Khandan, F. (2021). The profile of students' eco-literacy at nature primary school. *Cypriot Journal of Education*, 2(4), 61–74.
- Malik, R. S. (2018). Educational Challenges in 21St Century and Sustainable Development. *Journal of Sustainable Development Education and Research*, 2(1), 9. <https://doi.org/10.17509/jsder.v2i1.12266>
- Mufidah, Z. R., Iswara, P. D., & Hermanto, F. Y. (2021). Mengembangkan Ekoliterasi dan Ekopreneurship Siswa Sekolah Dasar Melalui Pembelajaran Tematik Berbasis Model Project Based Learning (PjBL). *At-Thullab : Jurnal Pendidikan Guru Madrasah Ibtidaiyah*, 5(1), 75. <https://doi.org/10.30736/atl.v5i1.509>
- Muhaemin. (2015). *Membangun Kecerdasan Ekologis* (Pertama). Alfabeta.
- Murtadlo, A., & Aqib, Z. (2022). *Ensiklopedia Metode Pembelajaran Inovatif*. Pustaka Referensi.
- Purwanto, A. (2012). Pengaruh Paket Pembelajaran Pendidikan Lingkungan Hidup dan Gaya Kognitif Terhadap Kemampuan Memecahkan Masalah Lingkungan. *Jurnal Pendidikan*, 8(1), 55–68.
- Rahmawati, Y., Afrizal, A., Astari, D. D., Mardiah, A., Utami, D. B., & Muhab, S. (2021). The integration of dilemmas stories with stem-project-based learning: Analyzing students' thinking skills using hess' cognitive rigor matrix. *Journal of Technology and Science Education*, 11(2), 419–439. <https://doi.org/10.3926/jotse.1292>

- Rapih, S., & Sutaryadi, S. (2018). Perpektif guru sekolah dasar terhadap Higher Order Thinking Skills (HOTS): pemahaman, penerapan dan hambatan. *Premiere Educandum : Jurnal Pendidikan Dasar Dan Pembelajaran*, 8(1), 78. <https://doi.org/10.25273/pe.v8i1.2560>
- Retnawati, H., Djidu, H., Kartianom, Apino, E., & Anazifa, R. D. (2018). Teachers' knowledge about higher-order thinking skills and its learning strategy. *Problems of Education in the 21st Century*, 76(2), 215–230. <https://doi.org/10.33225/pec/18.76.215>
- Rudiana, Y., Ruhimat, M., & Sundawa, D. (2022). Pengaruh Sikap Ekoliterasi dan Pembelajaran Berbasis Proyek Terhadap Kemampuan Berpikir Kreatif. *JIPSINDO (Jurnal Pendidikan Ilmu Pengetahuan Sosial Indonesia)*, 09(02), 177–191.
- Saleh, S. E. (2019). European Journal of Foreign Language Teaching Critical Thinking as a 21st Century Skill: Conceptions, Implementation and Challenges in The EFL Classroom. *European Journal of Foreign Language Teaching*, 4(1), 1–16. <https://doi.org/10.5281/zenodo.2542838>
- Saputro, O. A., & Rayahub, T. S. (2020). Perbedaan Pengaruh Penerapan Model Pembelajaran Project Based Learning (PJBL) dan Problem Based Learning (PBL) Berbantuan Media Monopoli terhadap Kemampuan Berpikir Kritis Siswa. *Jurnal Imiah Pendidikan Dan Pembelajaran*, 4(1), 185–193. <https://ejournal.undiksha.ac.id/index.php/JIPP/article/view/24719>
- Sarifah, I. (2023). Perbedaan Pembelajaran Berbasis Proyek dan Pembelajaran Berbasis Masalah Dalam Meningkatkan Keterampilan Berpikir Tingkat Tinggi Ditinjau Dari Motivasi Berprestasi. *Jurnal Educatio*, 9(1), 223–230. <https://doi.org/10.31949/educatio.v9i1.4426>
- Seman, S. C., Yusoff, W. M. W., & Embong, R. (2017). Teachers Challenges in Teaching and Learning for Higher Order Thinking Skills (HOTS) in Primary School. *International Journal of Asian Social Science*, 7(7), 534–545. <https://doi.org/10.18488/journal.1.2017.77.534.545>
- Setiawati, E., Teiri Nurtiani, A., Tandilo Mamma, A., Aprilyati Ruiyat, S., Fajarwati, A., Rahmani, A., Aryadi, D., Nuraeni Setiana, Y., & Author, C. (2020). Develop Green Behaviour through Ecoliteracy for Early Children. *Systematic Reviews in Pharmacy*, 11(11), 1551–1558.
- Setyaningrum, T. W., & Gunansyah, G. (2020). Praktik Pembelajaran Ecoliterasi Berorientasi Pendidikan untuk Pembangunan Berkelanjutan di Sekolah Dasar Negeri Kota Surabaya Bagian Barat. *Jurnal Penelitian Pendidikan Guru Sekolah Dasar*, 8(2), 375–384. <https://bit.ly/35jit2J>
- Singh, C. K. S., Singh, R. K. A., Singh, T. S. M., Mostafa, N. A., & Mohtar, T. M. T. (2018). Developing a Higher Order Thinking Skills Module for Weak ESL Learners. *English Language Teaching*, 11(7), 86.

<https://doi.org/10.5539/elt.v11n7p86>

- Sinulingga, A. A., & Moenir, H. D. (2022). Project-Based Learning Models in the Development of International Cooperation Framework Course. *Proceedings of the 4th International Conference on Educational Development and Quality Assurance (ICED-QA 2021)*, 650, 389–394. <https://doi.org/10.2991/assehr.k.220303.070>
- Sucia, A. H., Purwanto, A., & Sucayaharto, S. (2018). Pengaruh Model Pembelajaran Dan Ekoliterasi Terhadap Kemampuan Pemecahan Masalah Lingkungan Peserta Didik. *Jurnal Ilmiah Pendidikan Lingkungan Dan Pembangunan*, 19(02), 39–49. <https://doi.org/10.21009/plpb.192.04>
- Sularmi, Utomo, D. H., & Ruja, I. N. (2018). Pengaruh Project-Based Learning terhadap Kemampuan Berpikir Kritis. *Jurnal Pendidikan*, 3(4), 476. <http://journal.um.ac.id/index.php/jptpp/>
- Supardi. (2017). *Statistika Penelitian Pendidikan* (pertama). Rajawali Pers.
- Suratno, Kamid, & Sinabang, y. (2020). Pengaruh penerapan model pembelajaran problem based learning (pbl) terhadap kemampuan berpikir tingkat tinggi (hots) ditinjau dari motivasi belajar siswa. *Jurnal Manajemen Pendidikan Dan Ilmu Sosial*, 1(2), 506–515. <https://doi.org/10.38035/JMPIS>
- Suryana. (2012). Metodologi Penelitian : Metodologi Penelitian Model Praktis Penelitian Kuantitatif dan Kualitatif. *Universitas Pendidikan Indonesia*, 1–243. <https://doi.org/10.1007/s13398-014-0173-7.2>
- Tajularipin, Vickneswary Muniyan, Diwiyah Madhvan, Raidah Hasan, & Suzieleez Syrene Abdul Rahim. (2017). Implementation of higher order thinking skills in teaching of Science. *International Research Journal of Education and Sciences*, 1(1), 1–3.
- Vidergor, H. E. (2018). Effectiveness of the multidimensional curriculum model in developing higher-order thinking skills in elementary and secondary students. *Curriculum Journal*, 29(1), 95–115. <https://doi.org/10.1080/09585176.2017.1318771>
- Widana, I. W. (2017). *Modul penyusunan soal HOTS*.
- Widana, I. W. (2018). Higher Order Thinking Skills Assessment towards Critical Thinking on Mathematics Lesson. *International Journal of Social Sciences and Humanities (IJSSH)*, 24–32. <https://doi.org/10.29332/ijssh.v2n1.74>
- Widiawati, W., Sarifah, I., & Nurjannah, N. (2023). Perbedaan Pembelajaran Berbasis Proyek dan Pembelajaran Berbasis Masalah Dalam Meningkatkan Keterampilan Berpikir Tingkat Tinggi Ditinjau Dari Motivasi Berprestasi. *Jurnal Educatio FKIP UNMA*, 9(1), 223–230. <https://doi.org/10.31949/educatio.v9i1.4426>

Yuliati, S. R., & Lestari, I. (2018). Higher-Order Thinking Skills (Hots) Analysis of Students in Solving Hots Question in Higher Education. *Perspektif Ilmu Pendidikan*, 32(2), 181–188. <https://doi.org/10.21009/pip.322.10>

