

REFERENCES

- Ali, A., Islamiah, D., & Zulkifli, Z. (2019). The Effectiveness of Problem - Based Learning Methods in Improving High-Order Thinking Skills. *Journal of Physics: Conference Series*, 1150(1). <https://doi.org/10.1088/1742-6596/1150/1/012065>
- Amirin, I., & Suparman. (2019). Worksheet development design to improve student problem solving ability and learning motivation. *International Journal of Scientific and Technology Research*, 8(12), 3965–3970.
- Anderson, D. ., & Krathwol, L. . (2001). *REVISED Bloom ' s Taxonomy Action Verbs: A taxonomy for learning, teaching, and assessing, Abridged Edition*. 2001. www.apu.edu/live.../blooms_taxonomy_action_verbs.pdf
- Ariyana, Yoki , Pudjiastuti, Ari, Bestary, Reisky dan Zamromi, Z. (2018). Buku Pegangan Keterampilan Berpikir Tingkat Tinggi Berbasis Zonasi. *Direktorat Jendral Guru Dan Tenaga Kependidikan*, 1–87.
- Asari, S., Husniah, R., Ma'rifah, U., & Anwar, K. (2019). Fostering Students' High Order Thinking Skills through the Use of Interpretation Cards. *International Journal of Education and Literacy Studies*, 7(4), 17. <https://doi.org/10.7575/aiac.ijels.v.7n.4p.17>
- Budiarta, K., Harahap, M. H., Faisal, & Mailani, E. (2018). Potret implementasi pembelajaran berbasis high order thinking skills (HOTS) di Sekolah Dasar Kota Medan. *Jurnal Pembangunan Perkotaan*, 6(2), 102–111.
- Cahyani, A., & Putri, S. O. (2019). Inovasi Pendidikan Melalui Kemampuan Berpikir Kritis. *Prosiding Seminar Nasional Pendidikan FKIP*, 2(1), 286–297.
- Chinedu. (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.
- Codier, E. (2016). Sample Learning Activities 4–5: *Teaching Health Care in Virtual Space*, 71–81. <http://www.jstor.org/stable/j.ctvvn0m4.16>
- Coman, C., Tîru, L. G., Meseşan-Schmitz, L., Stanciu, C., & Bularca, M. C. (2020). Online teaching and learning in higher education during the coronavirus pandemic: Students' perspective. *Sustainability (Switzerland)*,

- 12(24), 1–22. <https://doi.org/10.3390/su122410367>
- Copland, F., Garton, S., & Burns, A. (2014). Challenges in Teaching English to Young Learners: Global Perspectives and Local Realities. *TESOL Quarterly*, 48(4), 738–762. <https://doi.org/10.1002/tesq.148>
- Direktorat Jenderal Pendidikan Dasar dan Menengah Kementerian Pendidikan dan Kebudayaan. (2017). Implementasi Pengembangan Kecakapan Abad 21 dalam Rencana Pelaksanaan Pembelajaran (RPP). *Kemdikbud*.
- Fajarina, M. (2017). Mastering Teaching English For Young Learners. *Wacana Didaktika*, 5(01), 1–11. <https://doi.org/10.31102/wacanadidaktika.5.01.1-11>
- Fanani, M. Z. (2018). Strategi Pengembangan Soal Hots Pada Kurikulum 2013. *Edudeena*, 2(1), 57–76. <https://doi.org/10.30762/ed.v2i1.582>
- Fuadiyah, N. F., Suryadi, D., & Turmudi. (2019). Teaching and learning activities in classroom and their impact on student misunderstanding: A case study on negative integers. *International Journal of Instruction*, 12(1), 407–424. <https://doi.org/10.29333/iji.2019.12127a>
- Goodson, K., & Rohani. (2015). *Higher order thinking skills (Online)*. November, 6–17. http://www.cala.fsu.edu/files/higher_order_thinking_skills.pdf
- Handayani, R. (2018). Employing Critical Reading Strategy to Promote Students' High Order Thinking Skills. *Pancaran Pendidikan*, 7(2), 41–46. <https://doi.org/10.25037/pancaran.v7i2.174>
- Harsono, Y. M. (2017). Designing and Developing Appropriate Efl Learning Materials Reflecting New Contexts and Goals. *Proceedings of the Fifth International Seminar on English Language and Teaching (ISELT-5)*, 350–354.
- Kalantari, F., & Hashemian, M. (2015). A Story-Telling Approach to Teaching English to Young EFL Iranian Learners. *English Language Teaching*, 9(1), 221. <https://doi.org/10.5539/elt.v9n1p221>
- King, F., WKreidler, C., Keefe, E. B., Copeland, S. R., Harste, J. C., Baten, C. E., Goodson, L., Faranak Rohani, M., Caladine, R., & Lee, L. (2003). Higher Order Thinking Skills. *Voices from the Middle*, 88(18), 495–496.
- Kurniati, D., Harimukti, R., & Jamil, N. A. (2016). Kemampuan Berpikir Tingkat Tinggi Siswa Smp Di Kabupaten Jember Dalam Menyelesaikan Soal

- Berstandar Pisa. *Jurnal Penelitian Dan Evaluasi Pendidikan*, 20(2), 142. <https://doi.org/10.21831/pep.v20i2.8058>
- Laily, U. N., Hartatik, S., & Taufiq, M. (2020). *Increasing Higher-Order Thinking Skill Of Elementary School Students Through Problem-Based Learning*. 9(April), 213–227.
- Lase, D. (2019). Pendidikan di Era Revolusi Industri 4.0. *SUNDERMANN: Jurnal Ilmiah Teologi, Pendidikan, Sains, Humaniora Dan Kebudayaan*, 1(1), 28–43.
- Mariappan, S. S. and M. (2019). *Menilik Konsep Kemampuan Berpikir Tingkat Tinggi (Higher Order Thinking Skills) Dalam Pembelajaran Matematika*. 3(November), 189–203. <https://doi.org/10.1101/843326>
- Nachiappan, S., Damahuri, A. A., Ganaprakasam, C., & Suffian, S. (2018). Application of Higher Order Thinking Skills (Hots) in Teaching and Learning Through Communication Component and Spiritual, Attitudes and Values Component in Preschool. *International Journal of Early Childhood Education and Care*, 7(January), 24–32.
- Nofrion, N., & Wijayanto, B. (2018). Learning Activities in Higher Order Thinking Skill (HOTS) Oriented Learning Context. *Geosfera Indonesia*, 3(2), 122. <https://doi.org/10.19184/geosi.v3i2.8126>
- Peppler, K. (2017). 21st-Century Skills. *The SAGE Encyclopedia of Out-of-School Learning*. <https://doi.org/10.4135/9781483385198.n301>
- Prihadi, E. (2018). Pengembangan Keterampilan 4C melalui Metode Poster Comment pada Mata Pelajaran PAI dan Budi Pekerti. *Rabbani*, 5, 464–479.
- Purnama, Y. I., & Nurdianingsih, F. (2019). The Impact of Higher Order Thinking Skills (HOTS) Instructions in Teaching EFL Speaking Skill from the Perspective of Students' Motivation. *Lingua Cultura*, 13(4), 313. <https://doi.org/10.21512/lc.v13i4.6105>
- Rachmedita, V., Sinaga, R. M., & Pujiati. (2020). *Peningkatan Kemampuan Berpikir Kritis Melalui Penggunaan Strategi Active Sharing Knowledge*. 1, 3–5.
- Rahman, A. (2018). Pembelajaran Matematika Untuk Meningkatkan Higher Order Thinking Skills (Hots). *Seminar Nasional Pendidikan Matematika*

- (*SENPIKA*), 5(1), 1–11.
- 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>
- Richey, R. C., & Klein, J. D. (2007). Design and Development Research. In *BMC Public Health* (Vol. 5, Issue 1).
- Santosa, E. R. (2020). *Improving Teacher's Ability To Make Lesson Plan Based On High Order Thinking Skills (Hots) Through Group Guidance*. 4, 338–346.
- Setyarini, S., & Ling, M. (2019). Promoting Higher Order Thinking Skills in Storytelling for Teaching English to Young Adolescents in 21st Century. *KnE Social Sciences*, 3(10), 155. <https://doi.org/10.18502/kss.v3i10.3897>
- Shin, J. K. (2006). Ten Helpful Ideas for Teaching English to Young Learners. *English Teaching Forum*, 44(2), 2–7. <https://files.eric.ed.gov/fulltext/EJ1107890.pdf>
- Sugiarni, R., & Kurniawati, dan N. (2019). Penerapan Media Ajar Digital Berbasis 4c (Communication, Collaboration, Critical Thinking And Problem Solving, Dan Creativity And Innovation) Dalam Menghadapi Revolusi Industri 4.0 Di Kalangan Guru Yayasan Mandiri Bersemi. *Jurnal Qardhul Hasan : Media Pengabdian Kepada Masyarakat*, 5(2), 83–89.
- Sugiyarti, L., Arif, A., & Mursalin. (2018). Pembelajaran Abad 21 di SD. *Prosiding Seminar Dan Diskusi Nasional Pendidikan Dasar*, 439–444.
- Suryani, R. W. (2018). “WHEN ENGLISH RINGS THE BELL”: An English Textbook Analysis. *English Language Teaching and Research*, 2(1), 258–268. <http://ejournal.unp.ac.id/index.php/eltar/article/view/102669/101056>
- Sutrisno, F. H., Koes-H, S., & Supriana, E. (2018). Eksplorasi LOTS dan HOTS materi optik geometri siswa kelas 12 SMAN 9 Malang. *Momentum: Physics Education Journal*, 2(1), 21–28. <https://doi.org/10.21067/mpej.v1i1.2293>
- Syahputra, E. (2012). Pembelajaran Abad 21 dan Penerpannya di Indonesia. *TEAL (Teaching Excellence in Adult Literacy)*, 6, 1–3. <https://teal.ed.gov/tealguide/studentcentered>

- Thamrin, N. R., Widodo, P., & Margana. (2019). Developing Higher Order Thinking Skills (Hots) for Reading Comprehension Enhancement. *Journal of Physics: Conference Series*, 1179(1). <https://doi.org/10.1088/1742-6596/1179/1/012073>
- Triyanto, J., Janjua, P. Z., Samad, G., Khan, N., Ishaq, M., Rumiatyi, A. T., Permatasari, E. O., Bakkelund, J., Karlsen, R., Bjørke, Ø., Suryakumar, S., Karunakaran, K. P., Bernard, A., Chandrasekhar, U., Raghavender, N., Sharma, D., Çelik, A., Yaman, H., Turan, S., ... Tohirin, M. (2017). Keterampilan Berpikir Siswa Dalam Menyelesaikan Soal Garis Dan Sudut Berdasarkan Taksonomi Bloom. *Jurnal Sains Dan Seni ITS*, 6(1), 51–66. <https://doi.org/10.12962/j23373520.v6i1.22451>
- Tyas, M. A., Nurkamto, J., Marmanto, S., & Laksani, H. (2019). *Developing Higher Order Thinking Skills (HOTS) – Based Questions: Indonesian EFL Teachers' Challenges*. December, 52–63. <https://doi.org/10.17501/26307413.2019.2106>
- Wahid, A. H., & Karimah, R. A. (2018). Integrasi High Order Thinking Skill (HOTS) dengan Model Creative Problem Solving. *Modeling: Jurnal Program Studi PGMI*, 5(1), 82–98. <http://jurnal.stitnualhikmah.ac.id/index.php/modeling/article/view/161>
- Wahyuningsih, Y., Rchmawati, I., Setiawan, A., & Ngazizah, N. (2018). HOTS (Higher Order Thinking Skills) dan Kaitannya dengan Keterampilan Generik SAINS dalam Pembelajaran IPA SD. *Prosiding Seminar Nasional Pendidikan Dasar*, 227–234.
- Yahya, M. (2018). *Era Industri 4.0: Tantangan dan Peluang Perkembangan Pendidikan Kejuruan Indonesia*.
- Yayuk, E., Deviana, T., & Sulistyani, N. (2019). Implementasi Pembelajaran Dan Penilaian Hots Pada Siswa Kelas 4 Sekolah Indonesia Bangkok Thailand. *JINoP (Jurnal Inovasi Pembelajaran)*, 5(2), 107. <https://doi.org/10.22219/jinop.v5i2.7106>
- Zubaidah, S. (2017). *Berpikir Kritis : kemampuan Berpikir Tingkat Tinggi Yang dapat Dikembangkan Melalui Pembelajaran Sains, Jurusan Biologi FMIPA Universitas Negeri Malang*. January 2010, 100.

Zubaidah, S. (2018). Mengenal 4C: Learning and Innovation Skills untuk Menghadapi Era Revolusi Industri 4.0. *2nd Science Education National Conference, April*, 1–18.
https://www.researchgate.net/publication/332469989_Mengenal_4c_Learnin g_And_Innovation_Skills_Untuk_Menghadapi_Era_Revolusi_Industri_40_1

