

REFERENCES

- Afdareza, M. Y., Yuanita, P., & Maimunah. (2020). Development of learning device based on 21st century skill with implementation of problem based learning to increase critical thinking skill of students on polyhedron for grade 8th junior high school. *Journal of Educational Sciences*. 4(2). 273-284. <https://doi.org/10.31258/jes.4.2.p.273-284>
- Ajjawi, R., Tai, J., Huu Nghia, T. L., Boud, D., Johnson, L., & Patrick, C. J. (2020). Aligning assessment with the needs of work-integrated learning: The challenges of authentic assessment in a complex context. *Assessment & Evaluation in Higher Education*, 45(2), 304-316.
- Ali, S. S. (2019). Problem based learning: A student-centered approach. *English Language Teaching*. 12(5). 73-78. <https://doi.org/10.5539/elt.v12n5p73>
- Allen, J., Rowan, L., & Singh, P. (2020). Teaching and teacher education in the time of COVID-19. *Asia-Pacific Journal of Teacher Education*, 48(3), 233-236.
- Amri Darwis, Modul Pengembangan dan Pengemasan Instrumen Penilaian, (Pekanbaru: Zanafa Publishing, 2011), h. 33
- Anwar, F., Alwi, N. H., & Fattah, N. (2017). Authentic assessment for promoting 21st century skills in Indonesian vocational high schools. *International Journal of Evaluation and Research in Education*, 6(3), 222-227.
- Anazifa, R. D., & Djukiri. (2017). Project-based learning and problem-based learning: Are they effective to improve student's thinking skills?. *Jurnal Pendidikan IPA Indonesia*. 6(2). 346-355. <http://journal.unnes.ac.id/index.php/jpii>
- Asri, A. A. (2019). Designing a 21st century assessment in efl learning context. *International Seminar on Language, Education, and Culture*. 335-348. <https://doi.org/10.18502/kss.v3i10.3915>

- Baleni, Z. G. (2015). Online formative assessment in higher education: Its pros and cons. *Electronic Journal of e-Learning*, 13(4), pp 228-236.
- Barron, B., & Darling-Hammond, L. (2008). Teaching for meaningful learning: A review of research on inquiry-based and cooperative learning. In *Powerful Learning* (pp. 11-44). Jossey-Bass.
- Barrows, H. S., & Tamblyn, R. M. (1980). *Problem-based learning: An approach to medical education*. Springer Publishing Company
- Bell, S., & Hwang, S. (2014). Project-based learning for the 21st century: Skills for the future. *The Clearing House: A Journal of Educational Strategies, Issues and Ideas*, 87(2), 39-43.
- Bowen, G. A. (2009). Document analysis as a qualitative research method. *Qualitative Research Journal*, 9(2), 27-40.
- Bhat, M. A., & Govil, P. (2014). Understanding learning styles of secondary school students in relation to certain variables. *Asian Journal of Multidisciplinary Studies*, 2(11), 1-8.
- Bhattacharyya, S., & Maull, K. (2015). Discovery-based learning in the life sciences. *Life Sciences Education*, 14(1), fe1.
- Brookhart, S. M. (2013). *How to create and use rubrics for formative assessment and grading*. Alexandria, VA: ASCD.
- Budiani, S., Sudarmin, S., & Syamwil, R. (2017). Evaluasi Implementasi Kurikulum 2013 di Sekolah Pelaksana Mandiri. *Innovative Journal of Curriculum and Educational Technology*, 6(1), 45-57
- Caena, F., & Redecker, C. (2019). Aligning teacher competence frameworks to 21st century challenges: The case for the European Digital Competence Framework for Educators (Digcompedu). *European Journal of Education*, 54(3), 356-369.

- Caughlan, S., & Jiang, H. (2014). Observation and teacher quality: Critical analysis of observational instruments in preservice teacher performance assessment. *Journal of Teacher Education*, 65(5), 375-388
- Carey, G., Harrison, S., & Dwyer, R. (2017). Encouraging reflective practice in conservatoire students: a pathway to autonomous learning?. *Music Education Research*, 19(1), 99-110.
- Çimen, S. S. (2022). Exploring EFL Assessment in Turkey: Curriculum and Teacher Practices. *International Online Journal of Education and Teaching*, 9(1), 531-550.
- Chowdhury, F. (2019). Application of rubrics in the classroom: A vital tool for improvement in assessment, feedback and learning. *International education studies*, 12(1), 61-68.
- Coulson, D., & Harvey, M. (2013). Scaffolding student reflection for experience-based learning: A framework. *Teaching in Higher Education*, 18(4), 401-413.
- Creswell, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches*. Sage publications.
- Dakhi, O., JAMA, J., & IRFAN, D. (2020). Blended learning: a 21st century learning model at college. *International Journal Of Multi Science*, 1(08), 50-65.
- D. Chatterjee, J. Corral. How to write well-defined learning objectives, *Journal of Education in Perioperative Medicine*, Vol. 19, No.4, 1- 4, 2017
- Damayanti¹, E., Permatasari, N., Z, A. G. H., Pesau⁴, H. G., & Halima⁵, A. (2022). Merancang Pembelajaran yang Menyenangkan di Era New Normal.
- Depdiknas, *Model Penilaian Kelas SMP/MTs* (Jakarta: BPPP Pusat Kurikulum, 2010), h.40

- Dwijayanti, N. (2021). Pembelajaran berbasis HOTS sebagai bekal generasi abad 21 di masa pandemi. *Kalam Cendekia: Jurnal Ilmiah Kependidikan*, 9(1).
- Efiyanti, N. P., Suarni, N. K., & Parmiti, D. P. (2019). Pengaruh Model Pembelajaran Snowball Throwing Berbasis Penilaian Proyek Terhadap Hasil Belajar IPS. *Jurnal Ilmiah Pendidikan Profesi Guru*, 2(2), 119-129.
- Erlistiana, D., Nawangsih, N., Aziz, F. A., Yulianti, S., & Setiawan, F. (2022). Penerapan Kurikulum dalam Menghadapi Perkembangan Zaman di Jawa Tengah. *Al-Fahim: Jurnal Manajemen Pendidikan Islam*, 4(1), 1-15.
- Fachraini, S., & Sartika, D. (2019). INCREASING STUDENTS' HIGHER ORDER THINKING SKILL (HOTS) BY USING AUTHENTIC MATERIALS IN TEACHING ENGLISH FOR EFL CLASS. *Getsempena English Education Journal*, 6(2), 276-284
- Fahmi., Setiadi, I., Elmawati, D., & Sunardi. (2019). Discovery learning method for training critical thinking skills of students. *European Journal of Education Studies*. 6(3). 342-351. <http://dx.doi.org/10.5281/zenodo.3345924>
- Firdausah, A., & Sari, D. M. M. (2020). Project-based learning on efl student's in essay writing. *Jurnal Ilmiah Wahana Pendidikan*. 6(4). 841-848. <https://doi.org/10.5281/zenodo.4305483>
- Fitriani. (2017). Implementing Authentic Assessment of Curricullum 2013: Teacher's Problems and Solusions. *Getsempena English Education Journal (GEEJ)*, 4(2), 164-171.
- Gallardo, K. (2020). Competency-based assessment and the use of performance-based evaluation rubrics in higher education: Challenges towards the next decade. *Problems of Education in the 21st Century*, 78(1), 61-79.
- Hanifah, N. (2019). Pengembangan instrumen penilaian Higher Order Thinking Skill (HOTS) di sekolah dasar. In *Current Research in Education: Conference Series Journal* (Vol. 1, No. 1, p. 005).

- Hosnan, M. (2014). Pendekatan Saintifik dan Konstektual dalam Pembelajaran abad 21: Kunci Sukses Implementasi Kurikulum 2013. Bogor: Ghalia Indonesia
- Hyland, K., & Hyland, F. (2019). Contexts and issues in feedback on L2 writing. *Feedback in second language writing: Contexts and issues*, 1-22.
- Jelantik, A. K. (2019). *Dinamika pendidikan dan era Revolusi Industri 4.0* (Vol. 128). Deepublish.
- Jug, R., Jiang, X. S., & Bean, S. M. (2019). Giving and receiving effective feedback: A review article and how-to guide. *Archives of pathology & laboratory medicine*, 143(2), 244-250.
- Kaya, Z., & Akdemir, A. S. (2016). *Learning and teaching: Theories, approaches and models*. Ankara: Çözüm Publishing.
- Kibble, J. D. (2017). Best practices in summative assessment. *Advances in physiology education*, 41(1), 110-119.
- Kivunja, C. (2015). Exploring the pedagogical meaning and implications of the 4Cs" super skills" for the 21st century through Bruner's 5E lenses of knowledge construction to improve pedagogies of the new learning paradigm. *Creative Education*.
- Komariah, N., Mujasam, M., Yusuf, I., & Widyaningsih, S. W. (2019). Pengaruh Penerapan Model PBL Berbantuan Media Google Classroom Terhadap Hots, Motivasi dan Minat Peserta Didik. *Silampari Jurnal Pendidikan Ilmu Fisika*, 1(2), 102-113.
- Kvale, S., & Brinkmann, S. (2009). *Interviews: Learning the craft of qualitative research interviewing*. Sage publications.
- Levent, U. Z. U. N., & Ertok, Ş. (2020). Student Opinions on task-based approach as formative evaluation versus exam-based approach as summative evaluation in education. *Sakarya University Journal of Education*, 10(2), 226-250.

- Maruti, E. S., & Kusumawati, N. (2018). PENGEMBANGAN ASESMEN ALTERNATIF BERUPA PENILAIAN PRODUK PADA MATA KULIAH PEMBELAJARAN BAHASA JAWA DI SD. *Paramasastra : Jurnal Ilmiah Bahasa Sastra Dan Pembelajarannya*, 5(2).
- McKimm, J., & Swanwick, T. (2009). Setting learning objectives. *British Journal of Hospital Medicine* (2005), 70(7), 406-409.
- Muho, A., & Leka, K. (2022). Sharing Learning Targets and Assessment Criteria with Students as Motivating Factors in Second Language Acquisition. *European Journal of Education and Pedagogy*, 3(2), 93-96.
- Muhammedi, M. (2016). Perubahan Kurikulum Di Indonesia: Studi kritis tentang upaya menemukan Kurikulum Pendidikan islam yang ideal. *Jurnal Raudhah*, 4(1).
- Mursyid, M., & Kurniawati, N. (2019). Higher order thinking skills among English teachers across generation in EFL classroom. *English Review: Journal of English Education*, 7(2), 119-124.
- Marhaeni, A. A. I. N., & Kusuma, I. P. I. (2017). Analisis implementasi asesmen autentik pada pembelajaran bahasa inggris dalam implementasi kurikulum 2013 di sma di bali. *Seminar Nasional Riset Inovatif 2017*. 5(1), 555–561.
- Malmia, W., Makatita, S. H., Lisaholit, S., Azwan, A., Magfirah, I., Tinggapi, H., & Umanailo, M. B. U. (2019). Problem-based learning as an effort to improve student learning outcomes. *International Journal of Scientific & Technology Research*. 8(9). 1140-1143.
<https://www.researchgate.net/journal/International-Journal-of-Scientific-Technology-Research-2277-8616>
- Marhaeni, A., Kusuma, I., Dewi, N., & Paramartha, A. (2019). Using performance assessment to empower students' learning ownership and promote achievement

in efl writing courses. *International Journal of Humanities, Literature & Arts*. 2(1). 9-17. <https://doi.org/10.31295/ijhla.v2n1.55>

Marzuki, A. G., Alek., Farkhan, M., & Deni, R. (2020). Self-assessment in exploring efl students' speaking skill. *Al-Ta'lim Journal*. 27(2). 206- 214. <http://dx.doi.org/10.15548/jt.v27i2.613>

Muthohharoh, S. R., Bharati, D. A. L & Rozi, F. (2020). The implementation of authentic assessment to assess students' high order thinking skills in writing at man 2 tulungagung. *English Education Journal*. 10(3). 374-386. <http://journal.unnes.ac.id/sju/index.php/eej>

Nasbi, I. (2017). Manajemen kurikulum: Sebuah kajian teoritis. *Idarah: Jurnal Manajemen Pendidikan*, 1(2).

Nisrokha, N. (2018). Penilaian Otentik. *Madaniyah*, 8(2), 209-229.

Nkhoma, C., Nkhoma, M., Thomas, S & Le, N. Q. (2020). The role of rubrics in learning and implementation of authentic assessment: A literature review. *Informing Science and Information Technology Education Conference*. 237-276. Informing Science Institute. <https://doi.org/10.28945/4606>

Nurdiana, I. N., Sulthoni, A., & Nurchasanah, N. (2020). The effectiveness of authentic assessment in improving critical thinking skills. *Journal of Educational Science and Technology (EST)*, 6(1), 11-20.

Nurhayati, E., Rizaldi, D. R., & Fatimah, Z. (2021). The effectiveness of project-based learning with the blended learning system to improve 21st century skills during the covid-19 pandemic. *Journal Scientia*. 9(2). 46-52. <http://infor.seaninstitute.org/index.php/pendidikan>

Nurkencana, W., & Sunartana. (1992). *Evaluasi Hasil Belajar*. Usaha Nasional.

Nurtanto, M., Fawaid, M., & Sofyan, H. (2020, July). Problem based learning (PBL) in Industry 4.0: Improving learning quality through character-based literacy

learning and life career skill (LL-LCS). In *Journal of Physics: Conference Series* (Vol. 1573, No. 1, p. 012006). IOP Publishing.

Ozan, C. (2019). The effect of authentic assessment on academic achievement and attitude towards educational measurement and opinions of prospective teachers. *International Journal of Evaluation and Research in Education*, 8(2), 299–31

Patton, M. Q. (2015). *Qualitative research & evaluation methods: Integrating theory and practice*. Sage publications.2. <https://doi.org/10.11591/ijere.v8i2.18564>

Poernomo, B. (2020, July). Peran Perguruan Tinggi Dalam Menyiapkan Pemimpin Masa Depan menghadapi Era VUCA. In *Prosiding Seminar STIAMI* (Vol. 7, No. 2, pp. 70-80).

Purmanah, N. I., Nuryana, N., & Puspitasari, E. (2017). PENERAPAN SELF-ASSESSMENT UNTUK MENUMBUHKAN KESADARAN SISWA TENTANG MAKNA BELAJAR PADA MATA PELAJARAN IPS DI MTs. SABILUL CHALIM, KEC. LEUWIMUNDING KAB. MAJALENGKA. *Edueksos: Jurnal Pendidikan Sosial dan Ekonomi*, 6(1).

Purwanti, E. (2021, January). Preparing the implementation of merdeka belajar–kampus merdeka policy in higher education institutions. In *4th International Conference on Sustainable Innovation 2020–Social, Humanity, and Education (ICoSIHESS 2020)* (pp. 384-391). Atlantis Press.

Ramadan, Z. H., & Hastuti, T. (2021). Authentic Assessment Instrument in Attitude for Fourth Grade Elementary School Students. *International Journal of Elementary Education*, 5(1), 175-182.

Ratminingsih, N. M., Marhaeni, A. A. I. N., & Vigayanti, L. P. D. (2018). The effect on students' independence and writing competence. *International Journal of Instruction*. 11(3). 277-290. <https://doi.org/10.12973/iji.2018.11320a>

Renninger, K. A., & Hidi, S. (2016). *The power of interest for motivation and engagement*. Routledge.

- Rodríguez, G., Pérez, N., Núñez, G., Baños, J. E., & Carrió, M. (2019). Developing creative and research skills through an open and interprofessional inquiry-based learning course. *BMC medical education*, 19(1), 1-13.
- Sinambela, P. N. (2017). Kurikulum 2013 dan implementasinya dalam pembelajaran. *Generasi Kampus*, 6(2).
- Richey & Klein. (2007). *Design and Development Research* (L. Akers (ed.); 1st ed.). Lawrence Erlbaum Associates, Inc., Publishers.
<https://doi.org/10.4324/9780203826034>
- Roza, Nelda. (2020). Penerapan perangkat pembelajaran berbasis penilaian kinerja untuk meningkatkan aktivitas belajar fisika siswa kelas x mipa 2 sma negeri 2 disk hulu kabupaten kampar. *Jurnal Pendidikan Tambusai*. 4(3). 3390-3397.
<https://doi.org/10.31004/jptam.v4i3.856>
- Rukmini, D., & Saputri, L. A. D. E. (2017). The authentic assessment to measure students' English productive skills based on 2013 Curriculum. *Indonesian Journal of Applied Linguistics*, 7(2), 263–273.
<https://doi.org/10.17509/ijal.v7i2.8128>
- Shavelson, R. J., Zlatkin-Troitschanskaia, O., Beck, K., Schmidt, S., & Marino, J. P. (2019). Assessment of university students' critical thinking: Next generation performance assessment. *International Journal of Testing*, 19(4), 337-362.
- Sitorus, H. V., Nugrahadi, E. W., & Budiarta, K. (2019). The effect of learning strategy and thinking ability on the students' learning outcomes in economics subject of xi social students in senior high school state 1 in pematang siantar. *Budapest International Research and Critics in Linguistics and Education (BirLE) Journal*, 2(4), 451-460.
- Sujana, I. W. C. (2019). Fungsi dan tujuan pendidikan Indonesia. *Adi Widya: Jurnal Pendidikan Dasar*, 4(1), 29-39

- Sukenti, D., & Tambak, S. (2020). Developing Indonesian Language Learning Assessments: Strengthening the Personal Competence and Islamic Psychosocial of Teachers. *International Journal of Evaluation and Research in Education*, 9(4), 1079-1087.
- Sukmasari, V. P., & Rosana, D. (2017). Pengembangan penilaian proyek pembelajaran IPA berbasis discovery learning untuk mengukur keterampilan pemecahan masalah. *Jurnal Inovasi Pendidikan IPA*, 3(1), 101-110.
- Sari, A. K & Trisnawati, W. (2019). Integrasi keterampilan abad 21 dalam modul sociolinguistics: Keterampilan 4c (collaboration, communication, critical thinking, dan creativity). *Jurnal Muara Pendidikan*. 4(2). 455- 466. <https://doi.org/10.52060/mp.v4i2.179>
- Shpeizer, R. (2019). Towards a successful integration of project-based learning in higher education: Challenger, technologies and methods of implementation. *Universal Journal of Educational Research*. 7(8). 1765-1771. <https://doi.org/10.13189/ujer.2019.070815>
- Santika, I. G. N., Arnyana, I. B. P., Suastra, I. W., & Kartika, I. M. (2022). Contents Standard Policy of Basic Education in The National Level Reviewed from The Scope of Citizenship Education Materials. *Journal of Sustainable Development Science*, 4(1), 29-36.
- Sewagegn, A. A. (2020). Learning objective and assessment linkage: its contribution to meaningful student learning. *Universal Journal o*
- Suluwetang, M. (2021). PENINGKATAN HASIL BELAJAR PENDIDIKAN AGAMA ISLAM MATERI AJAR MAKANAN DAN MINUMAN HALAL DAN HARAM MELAUl METODE PEMBELAJARAN CERAMAH BERVARIASI (TANYA JAWAB, DISKUSI, PENUGASAN) DI KELAS VIII UPTD SMP NEGERI ILAWE. *Jurnal Ilmu Pendidikan*, 6(1).f *Educational Research*, 8(11), 5044-5052.

- Stratton, S. J. (2021). Population research: convenience sampling strategies. *Prehospital and disaster Medicine*, 36(4), 373-374.
- Sumarni, W., Supardi, K. I., & Widiarti, N. (2018). Development of assessment instruments to measure critical thinking skills. *IOP Conference Series: Materials Science and Engineering*, 349(1). <https://doi.org/10.1088/1757-899X/349/1/012066>
- Suprihatiningrum, J. 2014. *Strategi Pembelajaran*. Yogyakarta: Ar-Ruzz Media.
- Suryawati, E., Suzanti, F., Zulfarina., Putriana, A. R & Febrianti L. (2020) The implementation of local environmental problem-based learning student worksheets to strengthen environmental literacy. *Jurnal Pendidikan IPA Indonesia*. 9(2). 169-178. <https://doi.org/10.15294/jpii.v9i2.22892>
- Suwarno, C. A., & Aeni, C. (2021). Pentingnya Rubrik Penilaian dalam Pengukuran Kejujuran Peserta Didik. *Edukasi: Jurnal Pendidikan*, 19(1), 161-173.
- Suwartono, T., & Riyani, C. (2019). Authentic Assessment in Elt: Hopes, Challenges, and Practices.
- Syakur, A., Musyarofah, L., Sulistyarningsih & Wike. (2020). The effect of project-based learning (pjb) continuing learning innovation on learning outcomes of english in higher education. *BirLE-Journal*. 3(1). 625-630. <https://doi.org/10.33258/birle.v3i1.860>
- Tambak, S., Hamzah, A., MY, S., & EL, S. (2022). D., Sabdin, M., & Rohimah, RB (2022). Discussion method accuracy in Islamic higher education: The influence of gender and teaching duration. *Cakrawala Pendidikan: Jurnal Ilmiah Pendidikan*, 41(2), 507-520.
- Thamrin, N. R., & Widodo, P. (2019, July). Developing higher order thinking skills (HOTS) for reading comprehension enhancement. In *Journal of Physics: Conference Series* (Vol. 1179, No. 1, p. 012073). IOP Publishing.

- Villarroel, V., Bloxham, S., Bruna, D., Bruna, C., & Herrera-Seda, C. (2018). Authentic assessment: creating a blueprint for course design. *Assessment and Evaluation in Higher Education*, 43(5), 840–854. <https://doi.org/10.1080/02602938.2017.141239>
- Wajdi, F. (2017). Implementasi project based learning (PBL) dan penilaian autentik dalam pembelajaran drama indonesia. *Jurnal Pendidikan Bahasa dan Sastra UPI*, 17(1), 86-101.
- Yaelasari, M., & Astuti, V. Y. (2022). Implementasi kurikulum merdeka pad acara belajar siswa untuk semua mata pelajaran (studi kasus pembelajaran tatap muka di smk inforkom bogor. *Jurnal Pendidikan Indonesia*. 3(7). 584-590. <https://doi.org/10.36418/japendi.v3i7.1041>
- Yudha, F., Dafik., & Yulianti, N. (2018). The analysis of creative and innovative thinking skills of the 21st century students in solving the problems of “locating dominating set” in research based learning. *International Journal of Advanced Engineering Research and Science*. 5(3). 163-176. <https://dx.doi.org/10.22161/ijaers.5.3.21>
- Yuhastina, Y., Parahita, B. N., Astutik, D., Ghufonudin, G., & Purwanto, D. (2020). Sociology teachers’ opportunities and challenges in facing “Merdeka Belajar” curriculum in the fourth industrial revolution (Industry 4.0). *Society*, 8(2), 732-753.
- Yulianto, T., Pramudya, I & Slamet, I. (2019). Effect of the 21st century learning model and problem-based models on higher order thinking skill. *International Journal of Educational Research Review*. 4(1). 749-755. <https://doi.org/10.24331/ijere.629084>
- Zaim, M., Refnaldi., & Arsyad, S. (2020). Authentic assessment for speaking skills: Problem and solution for english secondary school teacher in indonesia. *International Journal of Instruction*. 13(3). 587-604. <https://doi.org/10.29333/iji.2020.13340a>