

## DAFTAR PUSTAKA

- Ahmar, Ansari S dan A. Rahman. 2017. *Development of teaching material using an Android,*” Glob. J. Eng. Educ., vol. 19, no. 1, pp. 72–76, 2017, doi: [10.26858/gjeev19i1y2017p7376](https://doi.org/10.26858/gjeev19i1y2017p7376)
- Albab, U., & Indriati, D. (2020, August). Metacognition skills and higher order thinking skills (HOTS) in mathematics. In *Journal of Physics: Conference Series* (Vol. 1613, No. 1, p. 012017). IOP Publishing.
- Amalia, Q., Y. Hartono, and I. Indaryanti. 2019. *Students' critical thinking skills in modeling based learning.* J. Phys. Conf. Ser., vol. 1166, no. 1, 2019, <https://doi.org/10.1088/1742-6596/1166/1/012017>
- Amiroh. 2016. *Membangun E-Learning dengan Manajemen Sistem.* Sidoarjo: Genta Group.
- Aritonang, Idrus. 2014. *Media Pembelajaran Interaktif.* Bandung: Yrama Widya.
- Ariyana dkk. 2019. *Buku Pegangan Pembelajaran Berorientasi pada Keterampilan Berpikir Tingkat Tinggi.* Jakarta: Direktorat Jenderal Guru dan Tenaga Kependidikan Kementerian Pendidikan dan Kebudayaan.
- Aqib, Zainal. 2014. *Model-Model, Media, dan Strategi Pembelajaran Kontekstual (Inovatif).* Bandung: Yrama Widya.
- Damarjati, S., & Miatun, A. (2021). Pengembangan Game Edukasi Berbasis Android sebagai Media Pembelajaran Berorientasi pada Kemampuan Berpikir Kritis. ANARGYA: Jurnal Ilmiah Pendidikan Matematika, 4(2). <https://jurnal.umk.ac.id/index.php/anargya/article/view/6442>
- Dekker, TJ. 2020. “*Teaching Critical Thinking Through Engagement with Multiplicity,*” Think. Ski. Creat., vol. 37, no. May, p. 100701, 2020, <https://doi.org/10.1016/j.tsc.2020.100701>

- Depdiknas. 2003. *Undang-Undang RI No. 20 tahun 2003. Tentang sistem pendidikan Nasional.*
- Depdiknas. 2006. *Kamus Besar Bahasa Indonesia.* Jakarta: Balai Pustaka.
- Dwyer, Christopher P., M. J. Hogan, and I. Stewart. 2014. *An integrated critical thinking framework for the 21st century.* Think. Ski. Creat., vol. 12, pp. 43–52, 2014. <https://doi.org/10.1016/j.tsc.2013.12.004>
- Fahrurrozi. 2020. *Increasing the Students' ability of High Order Thinking Skill (HOTS) by Implementing of blended learning.* J. Phys. Conf. Ser., vol. 1539, no. 1. <http://dx.doi.org/10.1088/1742-6596/1539/1/012061>
- Hermawan, Hendrik. 2016. *Media Pembelajaran Berbasis Powerpoint.* Kudus: Haekal Inti Pustaka.
- Huda, Miftahul. 2014. *Model-Model Pengajaran dan Pembelajaran.* Yogyakarta: Pustaka Pelajar.
- Kemdikbud. 2016. *Permendikbud Nomor 20 Tahun 2016 tentang Standar Isi Pendidikan Dasar dan Menengah.* Jakarta: Pusbuknas.
- . 2018. *Permendikbud nomor 37 tahun 2018 tentang Perubahan atas peraturan menteri pendidikan dan kebudayaan nomor 24 tahun 20016 tentang kompetensi inti dan kompetensi dasar pelajaran pada kurikulum 2013 pada pendidikan dasar dan pendidikan menengah.* Jakarta: Pusbuknas
- Kularbphetong, Kunyanuth., R. Putglan, N. Tachpetpaiboon, C. Tonghiri, and P. Roonrakwit. 2015. *Developing of mLearning for Discrete Mathematics Based on Android Platform.* Procedia - Soc. Behav. Sci., vol. 197, no. February, pp. 793–796, 2015, <https://doi.org/10.1016/j.sbspro.2015.07.184>
- Kusuma, Elisabeth Dyah., G. Gunarhadi, and R. Riyadi. 2018. *The Strategies to Improve Critical Thinking Skills through Problem-Based Quantum Learning Model at Primary School.* Int. J. Multicult. Multireligious Underst., vol. 5, no. 4, p. 123, 2018. <http://dx.doi.org/10.18415/ijmmu.v5i4.213>

- Laksita, G. D., Oktaviani, D., & Pangestu, A. 2020. *The Effect of Android Game Based Learning for Student Interest in Mathematics Learning*. PROC. INTERNAT. CONF. SCI. ENGIN, 3, 335-338. Retrieved 8 27, 2020  
<http://sunankalijaga.org/prosiding/index.php/icse/article/view/523> diunduh tanggal 27 Agustus 2020 pukul 05.36
- Masruroh, L., Dafik, and Suprpti. 2020. *The Analysis of The Implementation of Multi Techniques based Learning Media in Improving The Elementary School Students' Higher Order Thinking Skill in Solving Exponential Problem*. J. Phys. Conf. Ser., vol. 1563, no. 1, 2020.  
<http://dx.doi.org/10.1088/1742-6596/1563/1/012063>
- Maričić, S., & Špijunović, K. 2015. *Developing Critical Thinking in Elementary Mathematics Education through a Suitable Selection of Content and Overall Student Performance. The 6th International Conference Edu World 2014 "Education Facing Contemporary World Issues", 7th - 9th November 2014*, (pp.653–659). <https://doi.org/10.1016/j.sbspro.2015.02.174> diunduh tanggal 27 September 2020 pukul 09.35
- Marisa. 2012. *Komputer dan Media Pembelajaran*. Jakarta: Universitas Terbuka
- Mikarsa. 2012. *Pendidikan Anak di SD*. Jakarta: Universitas Terbuka.
- Murtono. 2017. *Merencanakan dan Mengelola Model-Model Pembelajaran Inovatif*. Ponorogo: Wade Group.
- Muttaqin, M. Z., Eko, T. Y., & Lukito, A. 2020. *Pengembangan Multimedia Lectora Inspire untuk Meningkatkan Kemampuan Berpikir Kritis dalam Menyelesaikan Soal Cerita Bangun Ruang*. Jurnal Cendekia: Jurnal Pendidikan Matematika, 04(02), 495-511. doi: <https://doi.org/10.31004/cendekia.v4i2.259>.  
<https://j-cup.org/index.php/cendekia/article/view/259>. Diunduh tanggal 29 Agustus 2020 pukul 09.00.

- Nuraeni, Z., A. Rosyid, A. Mahpudin, Suparman, and Andriyani. 2020. *Development of an android-based math equation editor*. J. Phys. Conf. Ser., vol. 1480, no. 1, 2020. <https://doi.org/10.1088/1742-6596/1480/1/012013>
- Pahdi, R., Mailizar, and Z. Abidin. 2020. *Indonesian junior high school students' higher order thinking skills in solving mathematics problems*. J. Phys. Conf. Ser., vol. 1460, no. 1, pp. 0–8, 2020, doi: <https://doi.org/10.1088/1742-6596/1460/1/012031>
- Papadakis, Stamatis., M. Kalogiannakis, and N. Zaranis. 2018. *Educational apps from the Android Google Play for Greek preschoolers: A systematic review*. Comput. Educ., vol. 116, pp. 139–160, 2018, <https://doi.org/10.1016/j.compedu.2017.09.007>
- Prastyo, A., Gembong, S., Masfingatin, T., & Maharani, S. 2019. *HOTS Android-Based student worksheets to practice creative thinking ability of vocational school students. The 1st International Conference on Education and Technology (ICETECH) 2019*, 1-8. doi: <https://10.1088/1742-6596/1464/1/012006>. <https://iopscience.iop.org/article/10.1088/1742-6596/1464/1/012006/pdf>. Diunduh tanggal 25 Agustus 2020 pukul 20.36.
- Rasyid. Abdur, Arif. Aden, & Kurnia. M (2019). *Pengembangan Media pembelajaran berbantuan game android untuk meningkatkan kemampuan berpikir kritis siswa*. Prosiding Seminar Nasional Pascasarjana UNNES, 910-914911. <https://proceeding.unnes.ac.id/index.php/snpsca/article/view/239/196>
- Santosa, Made Hery; I Putu Surya Pratama; I Nyoman Adi Jaya Putra. 2020. *Developing Android-Based English Vocabulary Learning Materials for Primary School Students*. J. English Educ. Linguist. Stud., no. 2016, pp. 161–185. <https://doi.org/10.30762/jeels.v7i1.1467>
- Saputro, Anip Dwi., S. Atun, I. Wilujeng, A. Ariyanto, and S. Arifin. 2020. *Enhancing pre-service elementary teachers' self-efficacy and critical thinking using problem-based learning*. Eur. J. Educ. Res., vol. 9, no. 2, pp. 765–773, 2020, <https://doi.org/10.12973/eu-jer.9.2.765>

- Smart Apps Creator Easiest Way To Design. 2018. *Best Content App Builder and Publisher Announcing The Interactive Multimedia Technologi*. Diakses melalui <https://smartappscreator.com/> Tanggal 25 Agustus 2020 jam 10.00.
- Sugiyono. 2015. *Metode Penelitian dan Pengembangan*. Bandung: Alfabeta.
- . 2016. *Metode Penelitian Pendidikan*. Bandung: Alfabeta.
- Sukmadinata. 2007. *Metode Penelitian*. Bandung: Remaja Rosda Karya.
- Susilawati, W. 2020. *Improving Students' Mathematical Representation Ability Through Challenge-Based Learning with Android Applications*. J. Phys. Conf. Ser., vol. 1467, no. 1, 2020, <https://doi.org/10.1088/1742-6596/1467/1/012010>
- Waiyakoon, Suwit., J. Khlaisang, and P. Koraneekij. 2015. *Development of an Instructional Learning Object Design Model for Tablets Using Game-based Learning with Scaffolding to Enhance Mathematical Concepts for Mathematic Learning Disability Students*. Procedia - Soc. Behav. Sci., vol. 174, pp. 1489–1496, <https://doi.org/10.1016/j.sbspro.2015.01.779>
- Wahyuni, D., & Ananda, R. (2022). Pengembangan Media Pembelajaran Matematika Interaktif Berbasis Android Pada Materi Bentuk Aljabar. *Jurnal Cendekia : Jurnal Pendidikan Matematika*, 6(1), 859-872. <https://doi.org/10.31004/cendekia.v6i1.1294>
- Walker, Timoty. 2018. *Teach Like Finland, Mengajar Seperti Finlandia*. Jakarta: PT. Grasindo Widiasarana.
- Wechsler, Solange Muglia. 2018. *Creative and Critical Thinking: Independent or Overlapping Components?* Think. Ski. Creat., vol. 27, no. November 2017, pp. 114–122, 2018, <https://doi.org/10.1016/j.tsc.2017.12.003>

- Wilson, Kate. 2016. *Critical reading, critical thinking: Delicate scaffolding in English for Academic Purposes (EAP)*. Think. Ski. Creat., vol. 22, pp. 256–265, 2016. <https://doi.org/10.1016/j.tsc.2016.10.002>
- Winataputra, Udin. 2014. *Pembaharuan Dalam Pembelajaran di SD*. Jakarta: Universitas Terbuka.
- Wulan, Rayung, A. Sarwandiarto, N. Alamsyah, and A. A. Rakhman Awaludin. 2020. *Android-Based Expert System Application to Determine Math Learning Styles of Elementary School Students in Surakarta*,” SAR J. - Sci. Res., vol. 3, no. 2, pp. 65–70, <https://doi.org/10.18421/SAR32-03>

