DAFTAR PUSTAKA

Adhami, N., & Taghizadeh, M. (2022). Integrating inquiry-based learning and computer supported collaborative learning into flipped classroom: effects on academic writing performance and perceptions of students of railway engineering. *Computer Assisted Language Learning*, 1–37. https://doi.org/10.1080/09588221.2022.2046107

Adonu, C. J., Nwagbo, C. R., Ugwuanyi, C. S., & Okeke, I. O. (2021). Improving students' achievement and retention in biology using flipped classroom and powerpoint instructional approaches: implication for physics teaching. *International Journal of Psychosocial Rehabilitation*, *25*(2), 234–247. https://doi.org/10.37200/IJPR/V25I2/PR320026

Afrita Heksa, S. P. (2020). *Pembelajaran Inkuiri Di Masa Pandemi*. Deepublish. https://books.google.co.id/books?id=Vm4PEAAAQBAJ

Agustini, M., Yufiarti, Y., & Wuryani, W. (2020). Development of Learning Media based on Android Games for Children with Attention Deficit Hyperactivity Disorder. *International Journal of Interactive Mobile Technologies (IJIM)*, *14*(06), 205. https://doi.org/10.3991/ijim.v14i06.13401

Al-Mutairi, N. M. (2021). Connectivism Learning Theory to Enhance Higher Education in the Context of COVID-19 Pandemic. *International Journal of Educational Sciences*, *35*(1–3), 29–39. https://doi.org/10.31901/24566322.2021/35.1-3.1197

Alexander, B., Allison, P., Armendáriz, E., Barondeau, R., Brett, G., Breitbart, D., Burroughs, S., Cartwright, T., Corneli, J., Cross, J., Elve, J., Arenas, M. F., Folkestad, J., Gill, K., Glass, J., Graves, J., Herder, J., Herschler, M., Johnson, G., … Walker, G. (2015). The Peeragogy Handbook. In H. Rheingold (Ed.), *PubDomEd and Pierce Press*. PubDomEd and Pierce Press. https://peeragogy.org/Peeragogy.io-3/peeragogy-3-0-beta3.pdf

Almekhlafi, A. G. (2021). The effect of E-books on Preservice student teachers' achievement and perceptions in the United Arab Emirates. *Education and Information Technologies*, *26*(1), 1001–1021. https://doi.org/10.1007/s10639-020-10298-x

Amalia, R. (2017). Kemampuan Berpikir Matematis Mahasiswa dalam Menyelesaikan Masalah Geometri. *EDU-MAT: Jurnal Pendidikan Matematika*, *4*(2). https://doi.org/10.20527/edumat.v4i2.2568

Ambra, J. D., Akter, S., & Mariani, M. (2022). Digital transformation of higher education in Australia : Understanding affordance dynamics in E-Textbook engagement and use. *Journal of Business Research*, *149*(May), 283–295. https://doi.org/10.1016/j.jbusres.2022.05.048

Anisah, & Lastuti, S. (2018). Perbedaan Kemampuan Pemecahan Masalah Matematika Mahasiswa PGSD Ditinjau dari Aspek Gender. In *JURNAL PENDIDIKAN MIPA* (Vol. 8, Issue 1, pp. 99–103). STKIP Taman Siswa Bima. https://doi.org/10.37630/jpm.v8i1.70

Annisah, S. (2018). Pengembangan Bahan Ajar Matematika Materi Geometri untuk Meningkatkan Kemampuan Pemecahan Masalah Mahasiswa PGMI

IAIN Metro. *Al Ibtida: Jurnal Pendidikan Guru MI*, *5*(1), 39. https://doi.org/10.24235/al.ibtida.snj.v5i1.2491

Annisah, S., Zulela, Z., & Boeriswati, E. (2020). Analysis of student needs for mathematics teaching materials. *Journal of Physics: Conference Series*, *1469*(1), 0–8. https://doi.org/10.1088/1742-6596/1469/1/012156

Arsyad, A. (2014). *Media Pembelajaran*. PT. Raja Grafindo Persada. https://doi.org/http://ijedict.dec.uwi.edu//viewarticle.php?id=1541

Asmianto, Hafiizh, M., Rahmadani, D., Pusawidjayanti, K., & Wahyuningsih, S. (2022). Developing Android-Based Interactive E-Modules on Trigonometry to Enhance the Learning Motivation of Students. *International Journal of Interactive Mobile Technologies*, *16*(2), 159–170. https://doi.org/10.3991/ijim.v16i02.27503

Asri, Y. N., Alti, R. M., Rizqi, V., Rismawati, E., Gatriyani, N. P., Amarulloh, R. R., Astuti, F., Utomo, S., Nurhuda, T., Rahmiati, S., Rahmi, H., Irvani, A. I., Mahmudah, I. R., Lestari, I. F., Asri, F. Z. N., Alti, R. M., Rizqi, V., Rismawati, E., Gatriyani, N. P., … Zulaiha, F. (2022). *Model-Model Pembelajaran*. Haura Utama. https://books.google.co.id/books?id=23h8EAAAQBAJ

Asrowi, A., Hadaya, A., & Hanif, M. (2019). The Impact of Using the Interactive E-Book on Students' Learning Outcomes. *International Journal of Instruction*, *12*(2), 709–722. https://doi.org/10.29333/iji.2019.12245a

Bates, A. W. (2019). *Teaching in a Digital Age* (2nd ed.). Tony Bates Associates Ltd. https://teachonline.ca/teaching-in-a-digital-age/teaching-in-a-digital-age-second-edition

Batubara, H. H., & Batubara, D. S. (2020). Penggunaan Video Tutorial Untuk Mendukung Pembelajaran Daring Di Masa Pandemi Virus Corona. *Muallimuna: Jurnal Madrasah Ibtidaiyah*, *5*(2), 74–84.

Batubara, H. H., Sumantri, M. S., & Marini, A. (2022). Developing an Android-Based E-Textbook to Improve Learning Media Course Outcomes. *International Journal of Interactive Mobile Technologies*, *16*(17), 4–18. https://doi.org/10.3991/ijim.v16i17.33137

Batubara, H. H., Sumantri, M. S., & Marini, A. (2023). *Media Pembelajaran Komprehensif*. Graha Edu.

Bergmann, J., & Sams, A. (2012). *Flip your classroom: Reach every student in every class every day*. International society for technology in education.

Bhagat, K. K., Chang, C.-N. C.-Y., & Chang, C.-N. C.-Y. (2016). The impact of the flipped classroom on mathematics concept learning in high school. *Journal of Educational Technology & Society*, *19*(3), 134–142.

Bland, J. M., & Altman, D. G. (1997). Statistics notes: Cronbach's alpha. *BMJ*, *314*(7080), 572–572. https://doi.org/10.1136/bmj.314.7080.572

Boyraz, S., & Ocak, G. (2021). Connectivism: A Literature Review for the New Pathway of Pandemic Driven Education. *International Journal of Innovative Science and Research Technology*, *6*(3). https://ijisrt.com/connectivism-a-literature-review-for-the-new-pathway-of-pandemic-driven-education

Bozkurt, A., & Bozkaya, M. (2015). Evaluation Criteria for Interactive E-Books for Open and Distance Learning. *The International Review of Research in Open and Distributed Learning*, *16*(5), 58–82. https://doi.org/10.19173/irrodl.v16i5.2218

Bulut, A., & Işıksal, M. (2019). Perceptions of Pre-service Elementary Mathematics Teachers on Their Technological Pedagogical Content Knowledge (TPACK) Regarding Geometry. *Journal of Computers in Mathematics and Science Teaching*, *38*(2), 153–176. https://www.learntechlib.org/primary/p/173761/

Cevikbas, M., & Kaiser, G. (2020). Flipped classroom as a reform-oriented approach to teaching mathematics. *ZDM*, *52*(7), 1291–1305. https://doi.org/10.1007/s11858-020-01191-5

Cevikbas, M., & Kaiser, G. (2022). Can flipped classroom pedagogy offer promising perspectives for mathematics education on pandemic-related issues? A systematic literature review. *ZDM–Mathematics Education*, 1–15.

Chang, C. C.-K., Chang, C. C.-K., & Shih, J.-L. (2016). Motivational strategies in a mobile inquiry-based language learning setting. *System*, *59*, 100–115.

Charles-Ogan, G., & Williams, C. (2015). Flipped classroom versus a conventional classroom in the learning of mathematics. *Proceedings of South Africa International Conference on Educational Technologies*, *3*(6), 71–77.

Chavali, K., & R. Gundala, R. (2022). The Textbook Dilemma: Digital or Print? Evidence from a Selected US University. *TEM Journal*, *11*(1), 242–248. https://doi.org/10.18421/TEM111-30

Cheng, P.-H., Yang, Y.-T. C., Chang, S.-H. G., & Kuo, F.-R. R. (2015). 5E mobile inquiry learning approach for enhancing learning motivation and scientific inquiry ability of university students. *IEEE Transactions on Education*, *59*(2), 147–153.

Cheng, S.-C., Hwang, G.-J., & Lai, C.-L. (2020). Critical research advancements of flipped learning: a review of the top 100 highly cited papers. *Interactive Learning Environments*, 1–17. https://doi.org/10.1080/10494820.2020.1765395

Chis, A. E., Moldovan, A.-N., Murphy, L., Pathak, P., & Muntean, C. H. (2018). Investigating flipped classroom and problem-based learning in a Programming Module for Computing Conversion course. *Journal of Educational Technology & Society*, *21*(4), 232–247.

Christine, P., & Ienneke, I. D. (2020). Enhancing The Post-Millennial Students Using Information Communication and Technology in learning English. *Journal of Physics: Conference Series*, *1477*(4), 042029. https://doi.org/10.1088/1742-6596/1477/4/042029

Chu, C.-C., & Liu, C.-J. (2018). *Promotion of Flipped Learning for Junior Respiratory Therapy Professionals*. Respiratory Care.

Chu, S. K. W., Reynolds, R. B., Tavares, N. J., Notari, M., & Lee, C. W. Y. (2016). 21st century skills development through inquiry-based learning: From theory to practice. In *21st Century Skills Development Through Inquiry-Based Learning: From Theory to Practice*. https://doi.org/10.1007/978-981-10-2481-8

Daswarman, D. (2022). Analisis Kesalahan Mahasiswa PGSD dalam Menyelesaikan Soal Matematika. *Jurnal Cendekia: Jurnal Pendidikan Matematika*. https://www.j-cup.org/index.php/cendekia/article/view/1338

Daud, W. A. A. W., Teck, W. K., Ghani, M. T. A., & Ramli, S. (2019). The Needs Analysis of Developing Mobile Learning Application for Cybergogical Teaching and Learning of Arabic Language Proficiency.

International Journal of Academic Research in Business and Social Sciences, *9*(8), 33–46. https://doi.org/10.6007/IJARBSS/v9-i8/6206

Dewintha, S., Mering, A., & Astuti, I. (2018). The Development of Adobe Flash to Learning Dayak Traditional Music for Students in Junior High School. *JETL (Journal Of Education, Teaching and Learning)*, *3*(2), 225. https://doi.org/10.26737/jetl.v3i2.750

Dick, W., Carey, L., & Carey, J. O. (2015). *The Systematic Design of Instruction* (eighth edi). Pearson.

Dierdorp, A. (2021). Evidence-Informed Teaching: Investigating Whether Evidence from 'Flipping the Classroom' Research Improves Students' Motivation for Mathematics. In *Education Sciences* (Vol. 11, Issue 6). https://doi.org/10.3390/educsci11060257

Diki Chen, Astalini, D. A. K. (2022). Preliminary studies: Analysis Of Student Needs For The Use Of MultipleIntegral E-Module Of Mathematics Physics I Course. *B U A N A P E N D I D I K A N*, *18*, 73–80. https://doi.org/https://doi.org/10.36456/bp.vol18.no1.a5145

Downes, S. (2020). Recent Work in Connectivism. *European Journal of Open, Distance and E-Learning*, *22*(2), 113–132. https://doi.org/10.2478/eurodl-2019-0014

Drolia, M., Sifaki, E., Papadakis, S., & Kalogiannakis, M. (2020). An Overview of Mobile Learning for Refugee Students: Juxtaposing Refugee Needs with Mobile Applications' Characteristics. *Challenges*, *11*(2), 31. https://doi.org/10.3390/challe11020031

Duran, M., & Dökme, İ. (2016). The effect of the inquiry-based learning approach on student's critical-thinking skills. *Eurasia Journal of Mathematics, Science & Technology Education*, *12*(12), 2887–2908.

Efstathiou, I., Kyza, E. A., & Georgiou, Y. (2018). An inquiry-based augmented reality mobile learning approach to fostering primary school students' historical reasoning in non-formal settings. *Interactive Learning Environments*, *26*(1), 22–41.

El-Alfy, E.-S. M. (2020). Using Mashup and Web 2.0 to Foster Inquiry-Based Flipped Classroom in Online Teaching of Technical Curriculum: A Case Study. *2020 Sixth International Conference on E-Learning (Econf)*, *2020*, 28–34. https://doi.org/10.1109/econf51404.2020.9385480

Ellis, R. A., & Bliuc, A. (2016). An exploration into first-year university students' approaches to inquiry and online learning technologies in blended environments. *British Journal of Educational Technology*, *47*(5), 970–980.

Erdogan, F., & Yildiz, F. (2021). Investigation of Pre-Service Mathematics Teachers' Creative Thinking Tendencies. *International Online Journal of Education and Teaching*, *8*(4), 2297–2316. https://eric.ed.gov/?id=EJ1318733

Erfan, M., & Maulyda, M. A. (2020). Meningkatkan Pemahaman Konsep Bangun Ruang Mahasiswa Calon Guru Sekolah Dasar Menggunakan Game Android. *PALAPA*, *8*(2), 418–427. https://doi.org/10.36088/palapa.v8i2.925

Esperanza, P. J., Himang, C., Bongo, M., Selerio Jr., E., & Ocampo, L. (2021). The utility of a flipped classroom in secondary Mathematics education. *International Journal of Mathematical Education in Science and Technology*, 1–34. https://doi.org/10.1080/0020739X.2021.1957166

Faisal, F., Simanungkalit, E., & Sembiring, M. (2021). Development of E-Module Based on Local Culture of North Sumatra in the Indonesian Language Skills and Literature Appreciation Elementary School Course. *Proceedings of the 3rd International Conference on Innovation in Education, Science and Culture, ICIESC 2021, 31 August 2021, Medan, North Sumatera Province, Indonesia*.

Fauzi, A. (2020). *An Extended Flipped Classroom The PFAR Model*. Insan Cendekia Mandiri. https://books.google.co.id/books?id=Vk8tEAAAQBAJ

Fauzi, A., & Haeriah, H. (2021). Kesulitan Siswa Sekolah Dasar Pada Materi Geometri Bangun Ruang Ditinjau Dari Persepsi Guru. *DIKMAT: Jurnal Pendidikan Matematika*, *1*(02), 17–23. https://jurnal.habi.ac.id/index.php/Dikmat/article/view/45

Fitriah, L., & Rahmawati, I. (2022). Kepraktisan Buku Ajar Listrik Magnet Seri 2 Bermuatan Ayat-Ayat Al-Qur'an Menggunakan Model Pembelajaran Connecting-Organizing-Reflecting-Expanding. *Jurnal Ilmiah Pendidikan Fisika*, *6*(1), 1–14. http://ppjp.ulm.ac.id/journals/index.php/jipf/article/view/4079

Gall, M. D., P.Gall, J., & Borg, W. R. (2003). *Educational Research: An Introduction* (7th ed.). Pearson Education.

Gao, M., Kortum, P., & Oswald, F. (2018). Psychometric Evaluation of the USE (Usefulness, Satisfaction, and Ease of use) Questionnaire for Reliability and Validity. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, *62*(1), 1414–1418. https://doi.org/10.1177/1541931218621322

Guntara, Y. (2021). Normalized Gain Ukuran Keefektifan Treatment. *Universitas Sultan Ageng Tirtayasa*, *March*, 1–3. https://doi.org/10.13140/RG.2.2.27603.40482

Gurieva, N. (2017). Evaluation of interactive book content for learning to read in preschoolers. *Системи Обробки Інформації*, *4*(4(150)), 214–218. https://doi.org/10.30748/soi.2017.150.44

Guzmán, J. L., Piguet, Y., Dormido, S., Berenguel, M., & Costa-Castelló, R. (2018). New Interactive Books for Control Education. *IFAC-PapersOnLine*, *51*(4), 190–195. https://doi.org/10.1016/j.ifacol.2018.06.064

Hake, R. R. (1999). Analyzing Change/Gain Scores. Dept. of Physics Indiana University. *Unpublished.[Online] URL: Http://Www. Physics. Indiana. Edu/~ Sdi/AnalyzingChange-Gain. Pdf*.

Handayani, D., Elvinawati, E., Isnaeni, I., & Alperi, M. (2021). Development Of Guided Discovery Based Electronic Module For Chemical Lessons In Redox Reaction Materials. *Int. J. Interact. Mob. Technol.*, *15*(7), 94–106.

Hanif, A. (2021). Modul Pembelajaran Digital Pemasaran Daring Dengan Penghitung Harga Jual Berbasis Android. *Profitabilitas*, *1*(1), 38–45. https://doi.org/10.31294/profitabilitas.v1i1.444

Harasim, L. (2017). *Learning Theory and Online Technologies*. Routledge. https://doi.org/10.4324/9781315716831

Hatmanti, N. mawarda, & Septianingrum, Y. (2020). Flipped Classroom Applying Flipped Classroom Based Family Nursing Care Learning Model to Learning Outcome in Nursing Institution. In *Journal of Health Sciences* (Vol. 13, Issue 2). Universitas Nahdlatul Ulama Surabaya. https://doi.org/10.33086/jhs.v13i2.1405

He, J. (2020). Research and practice of flipped classroom teaching mode based on guidance case. *Education and Information Technologies*, *25*(4), 2337–2352. https://link.springer.com/article/10.1007/s10639-020-10137-z

Helmon, A., & Sennen, E. (2020). Pembelajaran Matematika Melalui Pemecahan Masalah: Urgensi dan Penerapannya. *JIPD (Jurnal Inovasi Pendidikan Dasar)*, *4*(1), 51–56. https://doi.org/10.36928/jipd.v4i1.318

Hendriana, H., Rohaeti, E. E., & Sumarmo, U. (2017). Hard skills dan soft skills matematik siswa. In *Bandung: Refika Aditama*.

Hibra, B. Al, Hakim, L., & Sudarwanto, T. (2019). Development of Vlog Learning Media (Video Tutorial) on Student Materials. Tax at SMK PGRI 1 Jombang. *International Journal of Educational Research Review*, *4*(3), 435–438. https://doi.org/10.24331/ijere.573945

Hong, J.-C., Hwang, M.-Y., Tai, K.-H., & Tsai, C.-R. (2017). An exploration of students' science learning interest related to their cognitive anxiety, cognitive load, self-confidence and learning progress using inquiry-based learning with an iPad. *Research in Science Education*, *47*(6), 1193–1212.

Hong, J.-C., Tsai, C.-R., Hsiao, H.-S., Chen, P.-H., Chu, K.-C., Gu, J., & Sitthiworachart, J. (2019). The effect of the "Prediction-observation-quiz-explanation" inquiry-based e-learning model on flow experience in green energy learning. *Computers & Education*, *133*, 127–138. https://doi.org/10.1016/j.compedu.2019.01.009

Hwang, G.-J., Chiu, L.-Y., & Chen, C.-H. (2015). A contextual game-based learning approach to improving students' inquiry-based learning performance in social studies courses. *Computers & Education*, *81*, 13–25. https://doi.org/10.1016/j.compedu.2014.09.006

Hwang, G., Chang, S., Song, Y., & Hsieh, M. (2021). Powering up flipped learning: An online learning environment with a concept map-guided problem-posing strategy. *Journal of Computer Assisted Learning*, *37*(2), 429–445. https://doi.org/10.1111/jcal.12499

Hwang, G., & Chen, C. (2017). Influences of an inquiry-based ubiquitous gaming design on students' learning achievements, motivation, behavioral patterns, and tendency towards critical thinking and problem solving. *British Journal of Educational Technology*, *48*(4), 950–971. https://doi.org/10.1111/bjet.12464

Hwang, G., Chen, M. A., Sung, H., & Lin, M. (2018). Effects of integrating a concept mapping-based summarization strategy into flipped learning on students' reading performances and perceptions in Chinese courses. *British Journal of Educational Technology*.

Jafarkhani, F., & Jamebozorg, Z. (2020). Comparing Cooperative Flipped Learning with Individual Flipped Learning in a Biochemistry Course. *Journal of Medicine and Life*, *13*(3), 399–403. https://doi.org/10.25122/jml-2019-0149

Jahr, M. (2022). Teaching Mathematical Modelling and Programming with GAMS in Dual Management Master Curricula Using Flipped Classrooms and Open Book Exams. *Operations Research Forum*, *3*(3), 1–12. https://link.springer.com/article/10.1007/s43069-022-00162-8

Jamaris, M. (2015). *A New Orientation in Educational Psychology*. Penerbit Ghalia Indonesia.

Juhriyansyah, D., Ariffin Abdul Mutalib, Adi Lukman Saad, Mohamad Nizam Ayub, Ainuddin Wahid Abdul Wahab, & Ali Mohamed Hussein Nasralla. (2015). Usability Considerations Make Digital Interactive Book Potential for Inculcating Interpersonal Skills. *Jurnal Teknologi*, *77*(29), 63–68.

Kadir. (2016). *Statistika Terapan: Konsep, Contoh dan Analisis Data dengan Program SPSS/ Lisrel dalam Penelitian* (2nd ed.). Rajawali Pers.

Kaeophanuek, S., & Chookerd, N. (2021). A Development of the Flipped Learning Model Using the Critical Inquiry Process to Enhance Research Skills. *International Association of Online Engineering*. https://www.learntechlib.org/p/219011

Kaif, S. H., Fajrianti, & Satriani. (2022). *Strategi Pembelajaran (Macam-Macam Strategi Pembelajaran yang Dapat Diterapkan Guru)*. Inoffast Publishing Indonesia. https://books.google.co.id/books?id=XiZlEAAAQBAJ

Karatas, I., & Baki, A. (2017). The effect of learning environments based on problem solving on students' achievements of problem solving. *International Electronic Journal of Elementary Education*, *5*(3), 249–268.

Kim, Y., & Ahn, C. (2018). Effect of Combined Use of Flipped Learning and Inquiry-Based Learning on a System Modeling and Control Course. *IEEE Transactions on Education*, *61*(2), 136–142. https://doi.org/10.1109/TE.2017.2774194

Lai, C.-L. L., & Hwang, G.-J. J. (2016). A self-regulated flipped classroom approach to improving students' learning performance in a mathematics course. *Computers and Education*, *100*, 126–140. https://doi.org/10.1016/j.compedu.2016.05.006

Lisana, L., & Suciadi, M. F. (2021). The Acceptance of Mobile Learning: A Case Study of 3D Simulation Android App for Learning Physics. *International Journal of Interactive Mobile Technologies*, *15*(17), 205–214. https://doi.org/10.3991/IJIM.V15I17.23731

Lo, C. K. (2018). Grounding the flipped classroom approach in the foundations of educational technology. *Educational Technology Research and Development*, *66*(3), 793–811.

Lo, C. K., & Hew, K. F. (2017). A critical review of flipped classroom challenges in K-12 education: possible solutions and recommendations for future research. *Research and Practice in Technology Enhanced Learning*, *12*(1), 4. https://doi.org/10.1186/s41039-016-0044-2

Lo, C. K., & Hew, K. F. (2020). A comparison of flipped learning with gamification, traditional learning, and online independent study: the effects on students' mathematics achievement and cognitive engagement. *Interactive Learning Environments*, *28*(4), 464–481. https://doi.org/10.1080/10494820.2018.1541910

Lovakov, A., & Agadullina, E. R. (2021). Empirically derived guidelines for effect size interpretation in social psychology. *European Journal of Social Psychology*, *51*(3), 485–504. https://doi.org/10.1002/ejsp.2752

Love, B., Hodge, A., Corritore, C., & Ernst, D. C. (2015). Inquiry-Based Learning and the Flipped Classroom Model. *PRIMUS*, *25*(8), 745–762. https://doi.org/10.1080/10511970.2015.1046005

Lubis, M. S., Ramadhan, S., & Juita, N. (2015). Developing a mind mapping assisted Indonesian language learning module as material for writing paper at

grade XI Senior High Schools. *Komposisi: Jurnal Pendidikan Bahasa, Sastra, Dan Seni*, *16*(1), 64. https://doi.org/10.24036/komposisi.v16i1.7598
Lund, A. M. (2001). Measuring usability with the USE questionnaire. *Usability Interface*, *8*(2), 3–6. www.stcsig.org/usability/newsletter/index.html
Mann, E. L., Chamberlin, S. A., & Graefe, A. K. (2017). The prominence of affect in creativity: Expanding the conception of creativity in mathematical problem solving. In *Creativity and Giftedness* (pp. 57–73). Springer.
Marasabessy, R., Hasanah, A., & Juandi, D. (2021). Bangun Ruang Sisi Lengkung dan Permasalahannya dalam Pembelajaran Matematika. In *EQUALS: Jurnal Ilmiah Pendidikan Matematika* (Vol. 4, Issue 1, pp. 1–20). Universitas Muslim Maros. https://doi.org/10.46918/equals.v4i1.874
Maryadi, M. (2019). Pengembangan Model Evaluasi Diri Untuk Peningkatan Mutu Pendidikan. *PAUDIA : Jurnal Penelitian Dalam Bidang Pendidikan Anak Usia Dini*, *8*(1), 181–189. https://doi.org/10.26877/paudia.v8i1.4091
Masa'deh, R., Alhadid, I., Abu-Taieh, E., Khwaldeh, S., Alrowwad, A., & Alkhawaldeh, R. S. (2022). Factors Influencing Students' Intention to Use E-Textbooks and Their Impact on Academic Achievement in Bilingual Environment: An Empirical Study Jordan. *Information (Switzerland)*, *13*(5). https://doi.org/10.3390/info13050233
Mashfufah, A., Nurkamto, J., Sajidan, & M, W. (2020). *MODEL PEMBELAJARAN Inquiry Laboratory Berbasis Etno-sosioekologi untuk Memberdayakan Literasi Lingkungan pada Mahasiswa*. Penerbit Lakeisha. https://books.google.co.id/books?id=KdYHEAAAQBAJ
Mawati, A. T., Siregar, R. S., Fauzi, A., Purba, F. J., Sinaga, K., Ili, L., Juliana, J., Purba, R. F., Saputro, A. N. C., & Bermuli, J. E. (2021). *Strategi Pembelajaran*. Yayasan Kita Menulis. https://books.google.co.id/books?id=AIIwEAAAQBAJ
Muenks, K., Yan, V. X., Woodward, N. R., & Frey, S. E. (2021). Elaborative learning practices are associated with perceived faculty growth mindset in undergraduate science classrooms. *Learning and Individual Differences*, *92*, 102088. https://doi.org/10.1016/j.lindif.2021.102088
Muhid, A. (2021). *HEUTAGOGI: Memerdekakan Mahasiswa Belajar di Era Revolusi Digital*. Inteligensia Media. http://repository.uinsby.ac.id/id/eprint/1718/
Muir, T., & Geiger, V. (2016). The affordances of using a flipped classroom approach in the teaching of mathematics: a case study of a grade 10 mathematics class. *Mathematics Education Research Journal*, *28*(1), 149–171.
Munir, M., Alwan, M., & Husairi, H. (2022). Kesiapan Mahasiswa Lembaga Pendidikan dan Tenaga Kependidikan (LPTK) di Lombok Menjadi Guru MI/SD. *Bidayatuna Jurnal Pendidikan Guru Mandrasah Ibtidaiyah*, *5*(1), 91. https://doi.org/10.54471/bidayatuna.v5i1.1551
Musyrifah, E., Dwirahayu, G., & Satriawati, G. (2022). Pengembangan Bahan Ajar Matematika Bagi Guru MI dalam Upaya Mendukung Keterampilan Mengajar Serta Peningkatan Literasi Numerasi. *FIBONACCI: Jurnal Pendidikan Matematika Dan Matematika*, *8*(1), 61–72. https://jurnal.umj.ac.id/index.php/fbc/article/view/12732
Mutia, A. N., Apriyanto, A., & Hakam Dani, A. A. (2019). RANCANG

BANGUN MEDIA PEMBELAJARAN BANGUN RUANG AUGMENTED REALITY BERBASIS ANDROID PADA SMP NEGERI 8 PALOPO. *KLASIKAL : JOURNAL OF EDUCATION, LANGUAGE TEACHING AND SCIENCE*, *1*(2), 1–11. https://doi.org/10.52208/klasikal.v1i2.29

Muzaki, A., Hastuti, I. D., Fujiaturrahman, S., & Untu, Z. (2022). Development of an Ethnomathematics-Based e-Module to Improve Students' Metacognitive Ability in 3D Geometry Topic. *International Journal of Interactive Mobile Technologies*, *16*(3).

Naccarato, E., & Karakok, G. (2015). Expectations and implementations of the flipped classroom model in undergraduate mathematics courses. *International Journal of Mathematical Education in Science and Technology*, *46*(7), 968–978.

Nazari, B., Hussin, A. R. B. C., & Niknejad, N. (2021). Connectivism: Promising Constructs to the E-Learning Systems Success. *2021 International Congress of Advanced Technology and Engineering (ICOTEN), October*, 1–6. https://doi.org/10.1109/ICOTEN52080.2021.9493566

Nita Sunarya Herawati, A. M. (2018). Pengembangan modul elektronik (e-modul) interaktif pada mata pelajaran Kimia kelas XI SMA. *Jurnal Inovasi Teknologi Pendidikan*, *5*, 180–191. https://doi.org/https://doi.org/10.21831/jitp.v5i2.15424

Nouri, J., Cerratto-Pargman, T., Rossitto, C., & Ramberg, R. (2014). LEARNING WITH OR WITHOUT MOBILE DEVICES? A COMPARISON OF TRADITIONAL SCHOOLFIELD TRIPS AND INQUIRY-BASED MOBILE LEARNING ACTIVITIES. *Research & Practice in Technology Enhanced Learning*, *9*(2).

Nova Yoga, S. (2022). Pengembangan Modul Pembelajaran Berbasis Seni Melalui Revitalisasi Uswah Hasanah. *Madinah: Jurnal Studi Islam*, *9*(1), 1–6. https://doi.org/10.58518/madinah.v9i1.1456

Nurbaiti, C., Kurniadewi, F., & Nurjayadi, M. (2021). The development of electronic module (E-MODULE) carbohydrates using the professional FLIP PDF application in organic chemistry course. *AIP Conference Proceedings*, *2331*(April), 040025. https://doi.org/10.1063/5.0041893

Nurdyansyah, N. (2018). Pengembangan Bahan Ajar Modul Ilmu Pengetahuan Alambagi Siswa Kelas Iv Sekolah Dasar. *Universitas Muhammadiyah Sidoarjo*.

Nurhasanah, N., Masitoh, S., Arianto, F., & Ayubi, N. (2022). Development of Android Application-Based Early Childhood Learning Devices (PAUDPEDIA) During the COVID-19 Pandemic. *International Journal of Interactive Mobile Technologies (IJIM)*, *16*(09), 231–238. https://doi.org/10.3991/ijim.v16i09.31703

Nurhayati, D. (2017). Pengembangan buku digital interaktif mata kuliah pengembangan e-learning pada mahasiswa teknologi pendidikan FIP UNY. *E-Jurnal Skripsi Program Studi Teknologi Pendidikan*, *6*(5), 458–473.

O'Bannon, B. W., Skolits, G. J., & Lubke, J. K. (2017). The Influence of Digital Interactive Textbook Instruction on Student Learning Preferences, Outcomes, and Motivation. *Journal of Research on Technology in Education*, *49*(3–4), 103–116. https://doi.org/10.1080/15391523.2017.1303798

Octavia, S. A. (2020). *Model-model pembelajaran*. Deepublish.

Pakpahan, G. M., & Aziz, T. A. (2022). Desain Instruksional Materi Luas Permukaan Bangun Ruang Untuk Sekolah Dasar dalam Pembelajaran Jarak Jauh. *Griya Journal of Mathematics Education and Application*, *2*(3), 642–652. https://doi.org/10.29303/griya.v2i3.199

Papadakis, S., & Kalogiannakis, M. (Eds.). (2019). *Mobile Learning Applications in Early Childhood Education*. IGI Global. https://doi.org/10.4018/978-1-7998-1486-3

Papadakis, S., Trampas, A. M., Barianos, A. K., Kalogiannakis, M., & Vidakis, N. (2020). Evaluating the learning process: The "thimeledu" educational game case study. *CSEDU 2020 - Proceedings of the 12th International Conference on Computer Supported Education*, *2*, 290–298. https://doi.org/10.5220/0009379902900298

Patandean, Y. R., & Indrajit, R. E. (2021). *Flipped Classroom: Membuat Peserta Didik Berpikir Kritis, Kreatif, Mandiri, dan Mampu Berkolaborasi dalam Pembelajaran yang Responsif*. Penerbit Andi. https://books.google.co.id/books?id=DzwzEAAAQBAJ

Payne, K. F., Goodson, A. M., Tahim, A., Wharrad, H. J., & Fan, K. (2012). Using The iBook In Medical Education And Healthcare Settings - The iBook As A Reusable Learning Object; A Report Of The Author's Experience Using iBooks Author Software. *Journal of Visual Communication in Medicine*, *35*(4), 162–169. https://doi.org/10.3109/17453054.2012.747173

Permana, N., Hendriana, H., & Kurniawan, R. (2022). The Development of Android-Based Open-Ended Approach Teaching Materials on Squares and Triangles. *(JIML) JOURNAL OF INNOVATIVE MATHEMATICS LEARNING*, *5*(3), 106–119. https://journal.ikipsiliwangi.ac.id/index.php/jiml/article/view/11565

Pólya, G., & Conway, J. H. (2011). *How to solve it: A new aspect of mathematical method*. Princeton University Press Princeton. https://books.google.co.id/books?id=z_hsbu9kyQQC&dq=How+to+solve+it:+A+new+aspect+of+mathematical+method&lr=&source=gbs_navlinks_s

Prastiyono, H., Utaya, S., Sumarmi, S., Astina, I. K., Amin, S., & Aliman, M. (2021). Development of E-Learning, Mobile Apps, Character Building, and Outdoor Study (EMCO Learning Model) to Improve Geography Outcomes in the 21st Century. *International Journal of Interactive Mobile Technologies*, *15*(7), 107–122. https://doi.org/10.3991/ijim.v15i07.21553

Prastowo, A. (2018). *Sumber Belajar dan Pusat Sumber Belajar: Teori dan Aplikasinya di Sekolah/ Madrasah*. Prenadamedia Group.

Purba, D., Nasution, Z., & Lubis, R. (2021). Pemikiran George Polya Tentang Pemecahan Masalah. *JURNAL MathEdu (Mathematic Education Journal)*, *4*(1), 25–31. http://journal.ipts.ac.id/index.php/MathEdu/article/view/2204

Puspitasari, A. D. (2019). Penerapan media pembelajaran fisika menggunakan modul cetak dan modul elektronik pada siswa SMA. *JPF (Jurnal Pendidikan Fisika) Universitas Islam Negeri Alauddin Makassar*, *7*(1), 17–25.

Putri, L. S., & Pujiastuti, H. (2021). Analisis Kesulitan Siswa Kelas V Sekolah Dasar dalam Menyelesaikan Soal Cerita pada Materi Bangun Ruang. *TERAMPIL: Jurnal Pendidikan Dan Pembelajaran Dasar*, *8*(1), 65–74. https://doi.org/10.24042/terampil.v8i1.9200

Qohar, A., Susiswo, S., Nasution, S. H., & Wahyuningsih, S. (2021).

Development of Android-Based Mathematics Learning Game on the Topic of Congruence and Similarity. *International Journal of Interactive Mobile Technologies (IJIM)*, *15*(09), 52. https://doi.org/10.3991/ijim.v15i09.20723

Quratulain, Basit, I., Bakhsh, K., & Hafeez, M. (2021). Adult learning theories and their role in instructional design, curriculum development and educational technology. *WSEAS Transactions on Environment and Development*, *17*, 1149–1159. https://doi.org/10.37394/232015.2021.17.106

Raes, A., & Schellens, T. (2015). Unraveling the motivational effects and challenges of web-based collaborative inquiry learning across different groups of learners. *Educational Technology Research and Development*, *63*(3), 405–430.

Rahayu, E. (2021). Problema Kesulitan Siswa Sekolah Dasar Dalam Pembelajaran Geometri. *At-Ta'lim: Jurnal Pendidikan*, *7*(1), 46–54. https://www.ejournal.inzah.ac.id/index.php/attalim/article/view/524

Ranoptri, D., Mustaji, M., & Bachri, B. S. (2022). Development of Web Bases Inquiry Learning with the Flipped Classroom Model in Science Learning for 7th Grade of Junior High School. *Prisma Sains : Jurnal Pengkajian Ilmu Dan Pembelajaran Matematika Dan IPA IKIP Mataram*, *10*(2), 316. https://doi.org/10.33394/j-ps.v10i2.4942

Reidsema, C., Kavanagh, L., Hadgraft, R., & Smith, N. (Education researcher). (2017). *The flipped classroom : practice and practices in higher education*. https://books.google.co.id/books?id=CqU7DgAAQBAJ&dq=flipped+classroom&hl=id&source=gbs_navlinks_s

Rhosyida, N., Trisniawati, T., & Putrianti, F. G. (2018). Kemampuan Pemecahan Masalah Matematis Mahasiswa PGSD pada Masalah Open-ended. *Union*. https://www.neliti.com/publications/356838/kemampuan-pemecahan-masalah-matematis-mahasiswa-pgsd-pada-masalah-open-ended

Ritonga, A. P., Andini, N. P., & Iklmah, L. (2022). Pengembangan Bahan Ajaran Media. *Jurnal Multidisiplin Dehasen*, *1*(3), 343–348. https://jurnal.unived.ac.id/index.php/mude/article/view/2612

Rohman, P. S., Susianti, L., & Jamaludin, M. (2021). Hasil Belajar Matematika Siswa Menggunakan Media Gambar Dengan Media Model Padat Pada Materi Geometri. *Pasundan Journal of Mathematics Education : Jurnal Pendidikan Matematika*, *11*(Vol 11 No 2), 65–78. https://doi.org/10.23969/pjme.v11i2.4571

Rothman, D. (2016). A Tsunami of Learners Called Generation Z. *Public Safety: A State of Mind*, *1*, 1–5. www.mdle.net/Journal/A_Tsunami_of_Learners_Called_Gener ation_Z.pdf

Ruhimat, T., & Rosdiana, T. R. (2020). Developing Android-Based Interactive Mobile Learning Software To Improve Students' Analysis And Synthesis Abilities On Basic Electronics. *International Journal of Interactive Mobile Technologies (IJIM)*, *14*(20), 91. https://doi.org/10.3991/ijim.v14i20.14879

Rusdi, M. (2019). *Penelitian Desain dan Pengembangan Kependidikan: Konsep, Prosedur dan Sintesis Pengetahuan Baru* (1st ed.). Rajawali Pers.

Safitri, W. L., Darma, Y., & Haryadi, R. (2021). Pengembangan modul pembelajaran dengan metode inkuiri terhadap kemampuan berpikir kritis dalam materi segi empat dan segitiga siswa SMP. *Numeracy*, *8*(1), 25–40. https://doi.org/10.46244/numeracy.v8i1.1333

Said, R. A., Rashid, M. A. A., & Othman, M. A. (2020). Generation Z for Job Employment: Characteristic and Expectation. *International Journal of Academic Research in Business and Social Sciences*, *10*(3), 570–575. https://doi.org/10.6007/IJARBSS/v10-i3/7072

Santhanasamy, C., & Yunus, M. M. (2022). A Systematic Review of Flipped Learning Approach in Improving Speaking Skills. *European Journal of Educational Research*, *11*(1), 127–139. https://www.eu-jer.com

Santos-Trigo, M. (2020). *Problem-Solving in Mathematics Education BT - Encyclopedia of Mathematics Education* (S. Lerman (Ed.); pp. 686–693). Springer International Publishing. https://doi.org/10.1007/978-3-030-15789-0_129

Saputri, S., & Sibarani, A. J. P. (2020). Implementasi Augmented Reality Pada Pembelajaran Matematika Mengenal Bangun Ruang Dengan Metode Marked Based Tracking Berbasis Android. In *Komputika : Jurnal Sistem Komputer* (Vol. 9, Issue 1, pp. 15–24). Universitas Komputer Indonesia. https://doi.org/10.34010/komputika.v9i1.2362

Saputro, H. B. (2018). Pengembangan modul matematika dengan pendekatan kontekstual pada materi bangun ruang sisi lengkung untuk mahasiswa PGSD UAD. *JPSD: Jurnal Pendidikan Sekolah Dasar*, *5*(1), 52–61. https://doi.org/10.12928/JPSD.V5I2.12584

Sari, D. R., Lukman, E. N., & Muharram, M. R. W. (2021). Analisis Kemampuan Siswa dalam Menyelesaikan Soal Geometri pada Asesmen Kompetensi Minimum-Numerasi Sekolah Dasar. *FONDATIA*, *5*(2), 153–162. https://doi.org/10.36088/fondatia.v5i2.1387

Sari, S. G., Jusar, I. R., & Alyusfitri, R. (2022). Validitas Pengembangan Pembelajaran Flipped Classroom berbantuan Media Interaktif Pada Materi Bangun Ruang Kelas V Sekolah Dasar. *Jurnal Cendekia : Jurnal Pendidikan Matematika*, *6*(3), 3111–3125. https://doi.org/10.31004/cendekia.v6i3.1770

Sarifah, I., Rohmaniar, A., Marini, A., Sagita, J., Nuraini, S., Safitri, D., Maksum, A., Suntari, Y., & Sudrajat, A. (2022). Development of Android Based Educational Games to Enhance Elementary School Student Interests in Learning Mathematics. *International Journal of Interactive Mobile Technologies (IJIM)*, *16*(18), 149–161. https://doi.org/10.3991/ijim.v16i18.32949

Sasmita, N., Dewi, N. R., & Rochmad, R. (2022). Kemampuan Pemecahan Masalah Matematika Berbantuan Dakon Satuan Panjang Pada Materi Satuan Panjang. *Pi: Mathematics Education Journal*, *5*(1), 7–16. https://doi.org/10.21067/pmej.v5i1.6305

Sharkia, H., & Kohen, Z. (2022). Implementing the 5E inquiry model in an online platform of a flipped classroom environment. *Twelfth Congress of the European Society for Research in Mathematics Education (CERME12)*. https://hal.archives-ouvertes.fr/hal-03747804

Siswantoa, R. D., Hildab, A. M., & Azharc, E. (2019). Development combinatorics realistic mathematics education application based on the android mobile. *Development*, *5*(6). https://www.ijicc.net/index.php/volume-5-2019/178-vol-5-iss-6

Sisworo, T. Y. E. (2018). *Pembelajaran Matematika Berbasis Pengajuan dan Pemecahan Masalah* (N. N. M (Ed.)). PT. REMAJA ROSDAKARYA.

Sitorus, D. S., Siswandari, S., & Kristiani, K. (2019). THE EFFECTIVENESS OF ACCOUNTING E-MODULE INTEGRATED WITH CHARACTER VALUE TO IMPROVE STUDENTS' LEARNING OUTCOMES AND HONESTY. *Jurnal Cakrawala Pendidikan, 38 No. (1)*.

Smaldino, S. E., Lowther, D. L., & Russell, J. D. (2012). *Instructional Technology and Media for Learning* (2nd ed.). Kencana Prenada Media Group.

Solehana, L., Asrori, A., & Usman, A. (2019). The Development of E-Learning Teaching Material Based on Edmodo on Basic Competencies of National Integration at Class X of Senior High School. *JETL (Journal Of Education, Teaching and Learning)*, *4*(2), 382. https://doi.org/10.26737/jetl.v4i2.1914

Suárez, Á., Specht, M., Prinsen, F., Kalz, M., & Ternier, S. (2018). A review of the types of mobile activities in mobile inquiry-based learning. *Computers & Education*, *118*, 38–55. https://doi.org/10.1016/j.compedu.2017.11.004

Subakti, H., Simarmata, J., Yuniwati, I., Salamun, S., Nababan, E. B., Silitonga, B. N., Juliana, J., Susanti, S. S., Sianipar, L. K., S, S., Syam, S., Hasan, M., & Saputro, A. N. C. (2022). *Esensi Pembelajaran Pendidikan Era Revolusi Industri 4.0 dan Society 5.0*. Yayasan Kita Menulis. https://books.google.co.id/books?id=IdpyEAAAQBAJ

Suganda, V. A., & Hawa, S. (2021). Efektivitas Buku Ajar Berbasis Pendekatan Saintifik Pada Mata Kuliah Geometri dan Pengukuran. *Jurnal Gentala Pendidikan Dasar*, *6*(1), 57–64.

Sulistiani, S., Nurdiana, A., & Kirana, A. R. (2021). Pengaruh Penggunaan Media Berbasis Visual Terhadap Kemampuan Pemecahan Masalah Matematika Siswa Kelas VIII Semester Ganjil Upt SMP Negeri 34 Bandar Lampung Tahun Pelajaran 2021/2022. *Jurnal Mahasiswa Pendidikan Matematika (JMPM)*, *3*(2), 1–9.

Sumanik, N. B., Nurvitasari, E., & Siregar, L. F. (2021). Analisis Profil Kemampuan Literasi Sains Mahasiswa Calon Guru Pendidikan Kimia. *Quantum: Jurnal Inovasi Pendidikan Sains*, *12*(1), 22. https://doi.org/10.20527/quantum.v12i1.10215

Sumarsono, S. (2020). The paradigms of heutagogy and cybergogy in the transdisciplinary perspective. *Jurnal Pendidikan Dan Pengajaran*, *52*(3), 172–182. https://ejournal.undiksha.ac.id/index.php/JPP/article/view/22882

Sun, Q., Norman, T. J., & Abdourazakou, Y. (2018). Perceived value of interactive digital textbook and adaptive learning: Implications on student learning effectiveness. *Journal of Education for Business*, *93*(7), 322–330. https://doi.org/10.1080/08832323.2018.1493422

Suryani, N., Setiawan, A., & Putria, A. (2018). *Media Pembelajaran Inovatif dan Pengembangannya*. PT. Remaja Rosdakarya. https://opac.perpusnas.go.id/DetailOpac.aspx?id=1134183

Tambunan, H., Silitonga, M., & Sinaga, N. (2021). *Aktualisasi Peran Orang Tua Pada Pembelajaran Melalui Flipped Classroom*. Yayasan Kita Menulis. https://books.google.co.id/books?id=o9ZGEAAAQBAJ

Tarmizi, H., & Al-odeh, M. (2021). *Mountain Plains Journal of Business and Technology Key Factors Influencing Students ' Post-Triability Intention to Adopt E-Textbooks in a Medium-Size University Key Factors Influencing Students ' Post-Triability Intention to Adopt E-Textbooks*. *22*(1).

Terblanché, E. (2015). Deciding to teach online: Communication, opportunities

and challenges for educators in distance education. *Communicatio*, *41*(4), 543–563. https://doi.org/10.1080/02500167.2015.1115416

Thai, N. T. T., De Wever, B., & Valcke, M. (2020). Feedback: an important key in the online environment of a flipped classroom setting. *Interactive Learning Environments*, 1–14. https://doi.org/10.1080/10494820.2020.1815218

Thongkoo, K. (2019). Integrating inquiry learning and knowledge management into a flipped classroom to improve students' web programming performance in higher education. *Knowledge Management & E-Learning: An International Journal*, *11*(3), 304–324. https://doi.org/10.34105/j.kmel.2019.11.016

Trimurtini, T., Rochmad, R., & Isnarto, I. (2021). Geometri di Program Studi Pendidikan Guru Sekolah Dasar: Kajian Materi dan Proses Pembelajaran. *PRISMA, Prosiding Seminar Nasional Matematika*, *4*, 416–421.

Triwahyuningtyas, D., Mahmuda, N. E., & Ardila, A. (2022). E-Module Of Cube And Cuboid Based On Ethnomathematics For Five-Grade Elementary School Students. *JTAM (Jurnal Teori Dan Aplikasi Matematika)*, *6*(3), 544–556. http://journal.ummat.ac.id/index.php/jtam/article/view/8434

Tsai, C.-W., & Chiang, I.-C. (2018). The flipped college classroom: conceptualized and re-conceptualized. *Higher Education Research & Development*, *37*(6), 1317–1320. https://doi.org/10.1080/07294360.2018.1477100

Turan, Z., & Goktas, Y. (2016). The Flipped Classroom: instructional efficency and impact of achievement and cognitive load levels. *Journal of E-Learning and Knowledge Society*, *12*(4).

Ulumudin, I., Mahdiansyah, & Joko, B. S. (2017). *KAJIAN BUKU TEKS DAN PENGAYAAN: Kelengkapan dan Kelayakan Buku Teks Kurikulum 2013 Serta Kebijakan Penumbuhan Minat Baca Siswa*. Pusat Penelitian Kebijakan Pendidikan dan Kebudayaan, Balitbang, Kemendikbud,.

Unaenah, E., Wulandari, A. S., Netri, N., & Novitasari, N. (2022). Menganalisis Media Pembelajaran Bangun Ruang Sekolah Dasar di Masa Pandemi. *Renjana Pendidikan Dasar*, *2*(3), 179–184.

Usman, H., Anwar, M., Zakiah, L., & Laratmase, A. J. (2021). Pelatihan Multimedia Interaktif Berbasis TPACK bagi Guru-Guru Sekolah Dasar di Kecamtan Klapa Nunggal Kabupaten Bogor Jawa Barat. *Jurnal PERDULI: Jurnal Pengabdian Kepada Masyarakat*, *2*(01), 1–11. http://journal.unj.ac.id/unj/index.php/perduli/article/view/23896/11484

Verawati, A., Agustito, D., Pusporini, W., Utami, W. B., & Widodo, S. A. (2022). Designing Android learning media to improve problem-solving skills of ratio. *Advances in Mobile Learning Educational Research*, *2*(1), 216–224. https://doi.org/10.25082/amler.2022.01.005

Wagner, M., & Urhahne, D. (2021). Disentangling the effects of flipped classroom instruction in EFL secondary education: When is it effective and for whom? *Learning and Instruction*, *75*, 101490. https://doi.org/https://doi.org/10.1016/j.learninstruc.2021.101490

Wahab, A., Junaedi, J., & Azhar, M. (2021). Efektivitas Pembelajaran Statistika Pendidikan Menggunakan Uji Peningkatan N-Gain di PGMI. *Jurnal Basicedu*, *5*(2), 1039–1045. https://doi.org/10.31004/basicedu.v5i2.845

Wahyuningsih, S. (2022). Developing Android-Based Interactive E-Modules on Trigonometry to Enhance the Learning Motivation of Students. *IJIM*, *16*(02), 159.

Walker, Z., Tan, D., & Koh, N. K. (2020). *Flipped Classrooms with Diverse Learners: International Perspectives*. Springer Singapore. https://books.google.co.id/books?id=5VjuDwAAQBAJ

Wang, K., Zhu, C., Li, S., & Sang, G. (2022). Using revised community of inquiry framework to scaffold MOOC-based flipped learning. *Interactive Learning Environments*, 1–13. https://doi.org/10.1080/10494820.2022.2071948

Wanti Rahayu, & Ari Irawan. (2022). Barusida Math Sebagai Aplikasi Media Pembelajaran Matematika Bangun Ruang Sisi Datar Berbasis Android. *SATESI: Jurnal Sains Teknologi Dan Sistem Informasi*, *2*(1), 32–37. https://doi.org/10.54259/satesi.v2i1.702

Wei, X., Cheng, I., Chen, N.-S., Yang, X., Liu, Y., Dong, Y., & Zhai, X. (2020). Effect of the flipped classroom on the mathematics performance of middle school students. *Educational Technology Research and Development*, *68*(3), 1461–1484. https://link.springer.com/article/10.1007/s11423-020-09752-x

Widodo, S. (2017). Peningkatan Komunikasi Matematis Mahasiswa Calon Guru Sd Melalui Implementasi Flipped Classroom. *Euclid*, *4*(2). https://doi.org/10.33603/e.v4i2.316

Wilson, D. B. (2022). The Relative Incident Rate Ratio Effect Size for Count-Based Impact Evaluations: When an Odds Ratio is Not an Odds Ratio. *Journal of Quantitative Criminology*, *38*(2), 323–341. https://doi.org/10.1007/s10940-021-09494-w

Yaumi, M. (2018). *Media dan Teknologi Pembelajaran*. Prenada Media. https://books.google.co.id/books?hl=id&lr=&id=2uZeDwAAQBAJ&oi=fnd&pg=PR5&dq=%22Media+dan+Teknologi+Pembelajaran%22&ots=RD3FafzkmP&sig=mpZb2Qp8HF4aULZOLyyuJBxbJk4&redir_esc=y#v=onepage&q=%22Media dan Teknologi Pembelajaran%22&f=false

Yulina Kartika Sari, M. P., Salman Tanjung, M. P., Dr. Maesaroh Lubis, M. P., Hidayatulloh, G. T., & Premium, C. (2022). *META ANALISIS TERHADAP PENGARUH PEMBELAJARAN INKUIRI: Dalam Pemecahan Masalah Matematis Siswa SLTP*. EDU PUBLISHER. https://books.google.co.id/books?id=oXd8EAAAQBAJ

Zain, F., Sailin, S., & Mahmor, N. (2022). Promoting higher order thinking skills among pre-service teachers through group-based flipped learning. *International Journal of Instruction*, *15*(3), 519–542.

Zengin, Y. (2017). Investigating the use of the Khan Academy and mathematics software with a flipped classroom approach in mathematics teaching. *Journal of Educational Technology & Society*, *20*, 89–100. https://www.jstor.org/stable/90002166

Zhang, Y., Chen, B.-L., Ge, J., Hung, C.-Y., & Mei, L. (2018). When is the best time to use rubrics in flipped learning? A study on students' learning achievement, metacognitive awareness, and cognitive load. *Interactive Learning Environments*, 1–15.

Zhao, L., Liu, X., & Su, Y.-S. (2021). The Differentiate Effect of Self-Efficacy, Motivation, and Satisfaction on Pre-Service Teacher Students' Learning Achievement in a Flipped Classroom: A Case of a Modern Educational

Technology Course. *Sustainability*, *13*(5), 2888. https://doi.org/10.3390/su13052888

Zheng, L., Bhagat, K. K., Zhen, Y., & Zhang, X. (2020). The effectiveness of the flipped classroom on students' learning achievement and learning motivation. *Journal of Educational Technology & Society*, *23*(1), 1–15. https://www.jstor.org/stable/26915403

Zulkarnain, Z., & Sarassanti, Y. (2022). Analisis Kemampuan Pemecahan Masalah Mahasiswa dalam Menyelesaikan Soal Cerita Sistem Persamaan Linear. *SIBATIK JOURNAL: Jurnal Ilmiah Bidang Sosial, Ekonomi, Budaya, Teknologi, Dan Pendidikan*, *1*(3), 133–142. https://doi.org/10.54443/sibatik.v1i3.19