

DAFTAR PUSTAKA

- Abeysekera, L., & Dawson, P. (2015). Motivation and cognitive load in the flipped classroom: Definition, rationale and a call for research. *Higher Education Research & Development*, 34(1), 1-14.
- Abidin, Y., et al. (2019). *Pengembangan Komik Matematika Berbasis Kontekstual untuk Materi Lingkaran*. Penerbit XYZ.
- Arcavi, A. (2003). "The Role of Visual Representations in the Learning of Mathematics." *Educational Studies in Mathematics*.
- Babic, A., & Babic, D. (2020). "Comics in Primary Education – A Study on Motivation and Learning." *Journal of Education and Practice*.
- Baiduri. (2019). Tantangan revolusi industri 4.0 terhadap sistem pembelajaran. *Jurnal Pendidikan dan Kebudayaan*, 6(1), 45-54.
- Barr, V., & Stephenson, C. (2011). Bringing computational thinking to K-12: What is involved and what is the role of the computer science education community? *ACM Inroads*, 2(1), 48-54.
- Biancarosa, G., & Griffiths, G. G. (2012). Technology tools to support reading in the digital age. *The Future of Children*, 22(2), 139-160.
- Branch, R. M. (2009). *Instructional Design: The ADDIE Approach*. Springer.
- Brog, W. R., & Gall, M. D. (1989). *Educational Research: An Introduction* (5th ed.). Longman.
- Budiarti, L., & Haryanti, Y. (2016). Penggunaan media pembelajaran komik untuk meningkatkan minat belajar siswa. *Jurnal Pendidikan Matematika*, 4 (3), 215-225.
- Cahdriyana, R., & Ricardo, T. (2020). Computational thinking dalam pembelajaran matematika. *Jurnal Pendidikan Teknologi Informasi*, 8 (1), 101-110.
- Damasio, M.J., Cabral, L., & Ferreira, J. (2018). "Comic Strips in Mathematics Teaching: A Study with Primary School Students." *International Journal of Education and Research*.
- Davies, R. S., Dean, D. L., & Ball, N. (2013). Flipping the classroom and instructional technology integration in a college-level information systems spreadsheet course. *Educational Technology Research and Development*, 61(4), 563-580.
- Deslauriers, L., McCarty, L. S., Miller, K., Callaghan, K., & Kestin, G. (2019). Measuring actual learning versus feeling of learning in response to being actively engaged in the classroom. *Proceedings of the National Academy of Sciences*, 116(39), 19251-19257.

- Elfrida, R., & Setianingsih, R. (2019). Pengembangan komik matematika berbasis kontekstual untuk materi lingkaran. *Jurnal Pendidikan Matematika*, 5(2), 124-136.
- Epstein, J. L. (2011). School, family, and community partnerships: Preparing educators and improving schools. Westview Press.
- Fajri, R., Nurhadi, S., & Lestari, N. (2019). Pendekatan computational thinking dalam pemecahan masalah matematika. *Jurnal Riset Pendidikan Matematika*, 6 (2), 201-210.
- Fautch, J. M. (2018). The flipped classroom for teaching organic chemistry in small classes: Is it effective? *Chemistry Education Research and Practice*, 16(1), 179-186.
- Grover, S., & Pea, R. (2013). Computational Thinking in K-12: A Review of the State of the Field. *Educational Researcher*, 42(1), 38-43.
- Hamzah, B., & Muhlisrarini, R. (2016). *Perencanaan dan Strategi Pembelajaran Matematika*. Rajawali Pers.
- Hidayat, R., Lestari, A., & Susanti, D. (2022). Implementasi barisan dan deret dalam kehidupan sehari-hari. *Jurnal Matematika dan Aplikasinya*, 10 (4), 305-315.
- Horswill, I. (2008). Computational thinking: A problem-solving tool for every classroom. *Journal of Computer Science Education*, 21(4), 135-143.
- Indriyati, S., & Jailani. (2015). Pengaruh penggunaan komik terhadap motivasi belajar matematika. *Jurnal Pendidikan dan Pembelajaran Matematika*, 3 (2), 123-135.
- Ioannidou, A. (2011). Computational thinking in K-12 education: What we know and what we need to know. *Proceedings of the 2011 Annual Conference on Innovation and Technology in Computer Science Education*, 199-204.
- Ioannidou, A., Bennett, V., Repenning, A., Koh, K. H., & Basawapatna, A. (2011). Computational thinking patterns. *Proceedings of the 2011 annual conference extended abstracts on Human factors in computing systems - CHI EA '11*, 1659.
- Irwan, I., Rahman, A., & Sudirman, S. (2019). Pengaruh penggunaan komik matematika terhadap prestasi belajar siswa. *Jurnal Pendidikan Matematika*, 7 (3), 321-332.
- Ives, J., & McGoff, K. (2021). Barriers to flipping: A study of educators' challenges, motivators, and preferences for flipped classroom models. *Innovations in Education and Teaching International*, 58(2), 136-148.
- Kementerian Pendidikan dan Kebudayaan. (2017). Keterampilan abad 21 dalam kurikulum pendidikan. Jakarta: Kemendikbud.

- Kementerian Pendidikan dan Kebudayaan. (2022). Laporan hasil PISA 2022: Analisis kemampuan matematika siswa Indonesia. Jakarta: Kemendikbud.
- Khotimah, H. (2021). Literasi matematika dalam konteks pemecahan masalah. *Jurnal Pendidikan Matematika*, 9 (1), 50-60.
- Kirsch, I., Jungeblut, A., Jenkins, L., & Kolstad, A. (2002). Adult literacy in America: A first look at the results of the National Adult Literacy Survey. Washington, DC: National Center for Education Statistics.
- Kusumawardani, A., Susilowati, D., & Nugraha, A. (2018). Faktor penyebab rendahnya literasi matematika siswa. *Jurnal Penelitian Pendidikan*, 19 (2), 123-134.
- Lee, J., Lim, C., & Kim, H. (2020). Development of an instructional design model for flipped learning in higher education. *Educational Technology Research and Development*, 68(2), 837-861.
- Leman, S. (2009). Literasi matematika dalam masyarakat: Implikasinya bagi pendidikan. *Jurnal Pendidikan Matematika*, 4 (1), 1-15.
- Lestari, M. T., & Annizar, M. (2020). Konsep computational thinking dalam pendidikan matematika. *Jurnal Teknologi Informasi dan Komunikasi*, 7 (3), 250-260.
- Lo, C. K., Hew, K. F., & Chen, G. (2019). Toward a set of design principles for mathematics flipped classrooms: A synthesis of research in mathematics education. *Educational Research Review*, 28, 100-109.
- Maharani, N., Putra, T. R. I., & Agustina, R. (2020). Pendekatan pembelajaran berbasis computational thinking. *Jurnal Pendidikan Matematika*, 8 (2), 189-198.
- Maharani, R., & Slamet, S. (2021). Kesulitan siswa dalam memahami barisan geometri. *Jurnal Matematika dan Pembelajarannya*, 9 (1), 78-85.
- Malik, S. (2018). The importance of computational thinking: An introduction. *International Journal of Computer Science and Information Security*, 16(2), 83-88.
- Masjaya, A., & Wardono. (2018). Literasi matematika dalam konteks pendidikan abad 21. *Jurnal Pendidikan Matematika*, 6 (2), 123-134.
- Maulana, A., & Noer, H. (2021). Media pembelajaran dalam era revolusi industri 4.0. *Jurnal Pendidikan Teknologi Informasi*, 9 (1), 45-55.
- McCloud, S. (1993). *Understanding Comics: The Invisible Art*. Harper Perennial.
- Murni, S., & Isnarti, I. (2018). Analisis kemampuan literasi matematika siswa. *Jurnal Pendidikan Matematika*, 7 (2), 155-165.
- National Reading Panel. (2000). Teaching children to read: An evidence-based assessment of the scientific research literature on reading and its

- implications for reading instruction. National Institute of Child Health and Human Development.
- Noer, S. H. (2017). *Konsep Dasar Matematika*. Erlangga.
- Novianti, A., & Syaichudin, M. (2010). *Teknik Pembuatan Komik Pendidikan*. Penerbit XYZ.
- OECD. (2013). PISA 2012 assessment and analytical framework: Mathematics, reading, science, problem solving and financial literacy. *OECD Publishing*.
- Ojose, B. (2011). Mathematics literacy: Are we able to put the mathematics we learn into everyday use? *Journal of Mathematics Education*, 4(1), 89-100.
- Papert, S. (1980). *Mindstorms: Children, Computers, and Powerful Ideas*. Basic Books.
- Plomp, T. (1997). *Educational & Training System Design: Introduction*. University of Twente.
- Prastowo, A. (2015). *Panduan Kreatif Membuat Bahan Ajar Inovatif*. Diva Press.
- Rahmaniar, A. W., & Lestari, M. T. (2019). Menanggulangi berita hoaks dengan literasi. *Jurnal Komunikasi dan Informatika*, 5 (2), 123-135.
- Rahmawati, D. (2014). Literasi matematika: Pemahaman konsep dan penerapan. *Jurnal Pendidikan Matematika*, 3(1), 45-52.
- Sadiman, A. S., et al. (2010). *Media Pendidikan: Pengertian, Pengembangan, dan Pemanfaatannya*. Penerbit XYZ.
- Samir, A. (2015). Computational thinking in K-12: In-service teacher education. *Proceedings of the 2015 Annual Conference on Innovation and Technology in Computer Science Education*, 219-224.
- Santyasa, I. W. (2009). Pengembangan media pembelajaran untuk meningkatkan kualitas pembelajaran. *Jurnal Pendidikan dan Kebudayaan*, 15 (2), 205-221.
- Sari, D. (2015). Literasi matematika: Pemecahan masalah kontekstual. *Jurnal Pendidikan Matematika*, 4(2), 67-75.
- Shute, V. J., Sun, C., & Asbell-Clarke, J. (2017). Demystifying computational thinking. *Educational Research Review*, 22, 142-158.
- Smaldino, S. E., et al. (2011). *Instructional Technology and Media for Learning*. Pearson Education.
- Snow, C. E., Burns, M. S., & Griffin, P. (Eds.). (1998). Preventing reading difficulties in young children. National Academy Press.
- Subroto, M., Wahyuni, S., & Hartono, H. (2020). Komik sebagai media pembelajaran yang efektif. *Jurnal Pendidikan dan Kebudayaan*, 5 (3), 200-210.
- Sudjana, N. (2007). *Metode dan Teknik Pembelajaran Partisipatif*. Penerbit XYZ.

- Sugiyono. (2010). *Metode Penelitian Pendidikan (Pendekatan Kuantitatif, Kualitatif, dan R&D)*. Alfabeta.
- Sugiyono. (2015). *Metode Penelitian dan Pengembangan (Research and Development/R&D)*. Alfabeta.
- Tegeh, I. M., Jampel, I. N., & Pudjawan, K. (2014). *Model Penelitian Pengembangan*. Universitas Pendidikan Ganesha.
- Thiagarajan, S., Semmel, D. S., & Semmel, M. I. (1974). *Instructional Development for Training Teachers of Exceptional Children: A Sourcebook*. Indiana University.
- Tindowen, D. J., Bassig, J. M., & Cagurangan, J. A. (2017). Twenty-first-century skills in teaching. *Jurnal Pendidikan dan Pembelajaran*, 10 (2), 23-32.
- Tucker, B. (2021). The flipped classroom. In D. P. Hopkins, *Innovations in Teaching* (pp. 45-56). Wiley.
- Utoyo, B. (2022). Efektivitas komik dalam pembelajaran matematika. *Jurnal Pendidikan Matematika*, 9 (3), 189-200.
- Weintrop, D., Beheshti, E., Horn, M., Orton, K., Jona, K., Trouille, L., & Wilensky, U. (2016). Defining computational thinking for mathematics and science classrooms. *Journal of Science Education and Technology*, 25 (1), 127-147.
- Widiantari, E., Pratiwi, H. L., & Nugroho, R. (2022). Pentingnya literasi matematika bagi siswa. *Jurnal Pendidikan Matematika*, 10(1), 123-132.
- Wing, J. M. (2006). Computational thinking. *Communications of the ACM*, 49(3), 33-35.
- Zebua, T., Rahmi, R., & Yusri, Y. (2020). Kesulitan siswa dalam memecahkan masalah barisan geometri. *Jurnal Riset Pendidikan Matematika*, 8(1), 88-95.