

## DAFTAR PUSTAKA

- Ahmed, W., Minnaert, A., Kuyper, H., dan van der Werf, G. (2012). "Reciprocal Relationships Between Math Self-Concept and Math Anxiety." *Learning and Individual Differences*, 22(3).
- Aliyah, I. M., Yuhana, Y., dan Santosa, C. A. H. F. (2019). "Kemampuan Koneksi Matematis Siswa Ditinjau dari Kemampuan Awal dan Gender." *Jurnal Didaktik Matematika*, 6(2), 161-178.
- Angeli, C., Voogt, J., Fluck, A., Webb, M., Cox, M., Malyn-Smith, J., dan Zagami, J. (2016). "A K-6 Computational Thinking Curriculum Framework: Implications for Teacher Knowledge." *Educational Technology and Society*.
- Barr, V., dan 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*.
- Basu, S., Biswas, G., Sengupta, P., Dickes, A., Kinnebrew, J. S., dan Clark, D. (2016). "Identifying Middle School Students' Challenges in Computational Thinking-Based Science Learning." *Research and Practice in Technology Enhanced Learning*.
- Bebras Indonesia. (2020). *Pengumuman Hasil Bebras Indonesia Challenge 2020*. <https://bebras.or.id/v3/pengumuman-hasil-bebras-indonesia-challenge-2020/>
- Beheshti, E., Weintrop, D., Swanson, H., Orton, K., Horn, M. S., dan Wilensky, U. (2017). "Computational Thinking in Practice: How STEM Professionals Use CT in Their Work." *Annual Meeting of the American Educational Research Association (AERA)*.
- Bocconi, S., Chiocciariello, A., Dettori, G., Ferrari, A., Engelhardt, K., Kamylylis, P., dan Punie, Y. (2016). "Developing Computational Thinking in Compulsory Education - Implications for Policy and Practice." *Joint Research Centre (JRC)* (June).
- Budiarti, H., Wibowo, T., dan Nugraheni, P. (2022). "Analisis Berpikir Komputasional Siswa dalam Menyelesaikan Masalah Matematika." *Jurnal Pendidikan MIPA*, 12(4), 1102–1107.
- Caillies, S., Denhière, G., dan Kintsch, W. (2002). "The Effect of Prior Knowledge on Understanding From Text: Evidence from Primed Recognition." *European journal of cognitive psychology*, 14(2), 267–286.
- Cansu, F. K., dan Cansu, S. K. (2019). "An Overview of Computational Thinking." *International Journal of Computer Science Education in Schools*.

- Creswell, J. W., dan Poth, C. N. (2016). *Qualitative inquiry and research design: Choosing among five approaches*. Sage publications.
- Csizmadia, A., Curzon, P., Dorling, M., Humphreys, S., Ng, T., Selby, C., dan Woollard, J. (2015). *Computational thinking: A guide for teachers*.
- Kurikulum Tingkat Satuan Pendidikan Standar Kompetensi dan Kompetensi Dasar. (2006).
- Desmita. (2010). Psikologi Perkembangan Peserta Didik; Panduan bagi Orang Tua dan Guru dalam Memahami Psikologi Anak Usia SD, SMP, dan SMA. Remaja Rosdakarya.
- Durak, H. Y., dan Saritepeci, M. (2018). "Analysis of The Relation Between Computational Thinking Skills and Various Variables With The Structural Equation Model." *Computers and Education*.
- Fauji, T., Sampoerno, P. D., dan El Hakim, L. (2022). "Penilaian Berpikir Komputasi Sebagai Kecakapan Baru dalam Literasi Matematika." *Prosiding Seminar Nasional Fakultas Tarbiyah dan Keguruan 2022*.
- Firmansyah, M. A. (2017). "Peran Kemampuan Awal Matematika dan Belief Matematika terhadap Hasil Belajar." *Prima: Jurnal Pendidikan Matematika*, 1(1), 55–68.
- Gafur, A. (2001). Teori Belajar dan Pembelajaran. Direktorat Sekolah Lanjutan Tingkat Pertama, Departemen Pendidikan Nasional.
- Goldman, A. D., dan Penner, A. M. (2016). "Exploring International Gender Differences in Mathematics Self-Concept." *International Journal of Adolescence and Youth*, 21(4).
- Hanun, F. (2010). "Pengaruh Metode Pembelajaran dan Kemampuan Awal terhadap Hasil Belajar Matematika." *Widyariset*, 13(1), 123–134.
- Hemendinger, D. (2010). "A Plea for Modesty." *ACM Inroads*, 1(2), 4–7.
- Hu, C. (2011). "Computational Thinking - What It Might Mean and What We Might Do About It." *ITiCSE'11 - Proceedings of the 16th Annual Conference on Innovation and Technology in Computer Science*, 223–227.
- ISTE. (2016). *ISTE Standards For Students 2016*. ISTE.
- Junaedi, Y., Wahyudin, dan Juandi, D. (2021). "Mathematical Creative Thinking Ability of Junior High School Students' on Polyhedron." *Journal of Physics: Conference Series*, 1806(1).

- Kamil, M. R. (2021). "Analisis Kemampuan Berpikir Komputasional Matematis Siswa Kelas IX SMP Negeri 1 Cikampek pada Materi Pola Bilangan." *AKSIOMA: Jurnal Matematika dan Pendidikan Matematika*, 12(2), 259–270.
- Komala, E., dan Kusumah, Y. S. (2012). "Pembelajaran dengan Pendekatan *Diskursif* untuk Meningkatkan Kemampuan Pemecahan Masalah Matematis dan *Self-Concept* Siswa Sekolah Menengah Pertama." *SIGMA DIDAKTIKA: Jurnal Pendidikan Matematika*, 1(2), 171-178.
- Kuo, W. C., dan Hsu, T. C. (2020). "*Learning Computational Thinking Without A Computer: How Computational Participation Happens in A Computational Thinking Board Game.*" *Asia-Pacific Education Researcher*.
- Lee, I., Martin, F., Denner, J., Coulter, B., Allan, W., Erickson, J., Malyn-Smith, J., dan Werner, L. (2011). "*Computational Thinking for Youth in Practice.*" *ACM Inroads*, 2(1), 32–37.
- Moleong, L. J. (2013). *Metode Penelitian Kualitatif*, Bandung: Remaja Rosdakarya. *Mosal*.
- Mulyono, D., Asmawi, M., dan Nuriah, T. (2018). "*The Effect of Reciprocal Teaching, Student Facilitator and Explaining and Learning Independence on Mathematical Learning Results by Controlling The Initial Ability of Students.*" *International Electronic Journal of Mathematics Education*.
- Nurmuslimah, H. (2020). "Peningkatan Prestasi Belajar Siswa pada Mata Pelajaran Matematika Menggunakan Pendekatan Soal Berbasis Kebudayaan Islam dan Computational Thinking." *Prosiding SI MaNIs (Seminar Nasional Integrasi Matematika dan Nilai-Nilai Islami)*, 3(1), 78–84.
- Obilor, I. E. (2011). "*Interaction Between Self-Concept, and Mathematics, English Language and General Academic Achievement of Senior Secondary Students In Port Harcourt Isaac Ezezi Obilor.*" 1(c), 920–929.
- OECD. (2018). "*PISA 2021 Mathematics Framework (Draft).*" *Journal of Chemical Information and Modeling*.
- Ristiandini, O. (2022). "Pengaruh Kemampuan Awal Matematika dan Kecerdasan Numerik terhadap Prestasi Belajar Matematika." *ALFARISI: Jurnal Pendidikan MIPA*, 3(1).
- Salido, A., dan Dasari, D. (2019). "*The Analysis of Students' Reflective Thinking Ability Viewed by Students' Mathematical Ability at Senior High School.*" *Journal of Physics: Conference Series*, 1157(2).
- Santyasa, I. W. (2005). "Model Pembelajaran Inovatif dalam Implementasi KBK, Makalah Penataran Guru-Guru SMP, SMA, dan SMK se-Kabupaten Jembrana Juni-Juli 2005." *Jembrana: FMIPA IKIP Negeri Singaraja*.

- Selby, C. C., dan Woollard, J. (2014). *"Refining an Understanding of Computational Thinking."* In *Author's original*.
- Shute, V. J., Sun, C., dan Asbell-Clarke, J. (2017). *"Demystifying Computational Thinking."* In *Educational Research Review*.
- Sneider, C., Stephenson, C., Schafer, B., dan Flick, L. (2014). *"Computational Thinking in High School Science Classrooms."* *The Science Teacher*.
- Stangor, C. (2014). *Social Categorization and Stereotyping | Principles of Social Psychology – 1st International Edition*. 126–135.  
<https://opentextbc.ca/socialpsychology/chapter/social-categorization-and-stereotyping/>
- Sugiyono. (2013). *Metode Penelitian Kuantitatif, Kualitatif dan RnD*. alfabeta.
- Sumantri, M. S. (2015). *Strategi Pembelajaran: Teori dan Praktik di Tingkat Pendidikan Dasar*.
- Supiarmono, M. G., dan Susanti, E. (2021). "Proses Berpikir Komputasional Siswa dalam Menyelesaikan Soal Pisa Konten Change and Relationship Berdasarkan *Self-Regulated Learning*." *Numeracy*, 8(1), 58–72.
- Voogt, J., Fisser, P., Good, J., Mishra, P., dan Yadav, A. (2015). *"Computational Thinking in Compulsory Education: Towards An Agenda for Research and Practice."* *Education and Information Technologies*.
- Weintrop, D., Beheshti, E., Horn, M., Orton, K., Jona, K., Trouille, L., dan Wilensky, U. (2016). *"Defining Computational Thinking for Mathematics and Science Classrooms."* *Journal of Science Education and Technology*.
- Wing, J. M. (2006). *"Computational Thinking."* In *Communications of the ACM* (Vol. 49, Nomor 3, hal. 33–35). Association for Computing Machinery.
- Wing, J. M. (2008). *"Computational Thinking and Thinking About Computing."* *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*.
- Yadav, A., Hong, H., dan Stephenson, C. (2016). *"Computational Thinking for All: Pedagogical Approaches to Embedding 21st Century Problem Solving in K-12 Classrooms."* *TechTrends*.