

DAFTAR REFERENSI

- Adriyawati, Adriyawati, Erry Utomo, Yuli Rahmawati, and Alin Mardiah. "Steam-Project-Based Learning Integration to Improve Elementary School Students' Scientific Literacy on Alternative Energy Learning." *Universal Journal of Educational Research* 8, no. 5 (2020): 1863–1873.
- Agustin, Mubiar, Ryan Dwi Puspita, Dinar Nurinten, and Heni Nafiqoh. "Tipikal Kendala Guru PAUD Dalam Mengajar Pada Masa Pandemi Covid 19 Dan Implikasinya." *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini* 5, no. 1 (2020): 334.
- Almulla, Mohammed Abdullatif. "The Effectiveness of the Project-Based Learning (Pbl) Approach as a Way to Engage Students in Learning." *SAGE Open* 10, no. 3 (2020): 215824402093870.
- Anderson, Judy. "Mathematics Curriculum Development and the Role of Problem Solving." *ACSA Conference 2009* (2009): 1–8.
- Ardianti, Suji, Dwi Sulisworo, Yudhiakto Pramudya, and Widodo Raharjo. "The Impact of the Use of Stem Education Approach on the Blended Learning to Improve Student's Critical Thinking Skills." *Universal Journal of Educational Research* 8, no. 3B (2020): 24–32.
- Arikunto, Suharsimi, Suhardjono, and Supardi. *Penelitian Tindakan Kelas*. 11th ed. Jakarta: PT Bumi Aksara, 2012.
- Baker, G. S. *Critical Thinking : A Profound Handbook to Improve Your Memory and Logical Skills, Level up Your Decision Making and Problem Solving!* London: Sannainvest Ltd, 2020.
- Barkley, Elizabeth F. *Student Engagement Techniques: a Handbook for College Faculty*. John Wiley and Sons Ltd., 2010.
- Berger, Kathleen Stassen. *The Developing Person through Childhood and Adolescence*. 11th ed. New York: Worth Publishers, 2017.
- Berk, Laura E. *Development through the Lifespan*. 6th ed. Hoboken, NJ: Pearson Education, Inc., 2014.
- Bond, Melissa, and Svenja Bedenlier. "Facilitating Student Engagement through Educational Technology: Towards a Conceptual Framework." *Journal of Interactive Media in Education* 2019, no. 1 (2019).
- Boss, Judith A. *Think: Critical Thinking and Logic Skills for Everyday Life*. McGraw-Hill: New York, 2017.

- Carson, Jamin. "A Problem With Problem Solving: Teaching Thinking Without Teaching Knowledge." *The Mathematics Educator* 17, no. 2 (2007): 7–14.
- Chevallier, Arnaud. *Strategic Thinking in Complex Problem Solving*. Oxford: Oxford University Press, 2016.
- Christenson, Sandra. *Handbook of Research on Student Engagement*. New York: Springer, 2013.
- Clarke, Narelle. "Moodle in the Development of Independent Reading Skills for English for Academic Purposes (EAP) Students." *Cambridge English: Research Notes*, no. 60 (May 2015): 38–43.
- Cottrell, Stella. *Critical Thinking Skills: Effective Analysis, Argument and Reflection*. London: Palgrave, 2017.
- Creswell, J. W. *Research Design: Qualitative, Quantitative and Mixed Methods*. 4th ed. California: Sage Publications, 2018.
- Doherty, Jonathan, and Malcolm Hughes. *Child Development: Theory and Practice 0-11*. Harlow, England: Pearson, 2014.
- Dunne, Elisabeth, and Derfel Owen. *The Student Engagement Handbook: Practice in Higher Education*. Bingley: Emerald, 2013.
- Dyah, Anung Driyas Maraning, and Farida Agus Setiawati. "The Problem Solving Skills in Kindergarten Student Based on the Stages of Problem Solving." *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini* 3, no. 1 (2019): 274–282.
- Elkins, Diane, and Pinder Desirée. *E-Learning Fundamentals: a Practical Guide*. Alexandria, VA: ATD Press, 2015.
- Fettig, Angel, Tia R. Schultz, and Michaelene M. Ostrosky. "Storybooks and Beyond : Teaching Problem Solving Skills in Early Childhood Classrooms." *Young Exceptional Children* 19, no. 3 (2016): 18–31.
- Fredricks, Jennifer A., Amy L. Reschly, and Sandra Christenson. *Handbook of Student Engagement Interventions: Working with Disengaged Students*. London, England: Elsevier, 2019.
- Gogoi, Sampreety. "Importance's Teaching Learning Materials for Young Children." *International Journal of Current Research* 7, no. 9 (2015): 20269–20273. Accessed October 7, 2020. <https://www.journalcra.com/article/importance%E2%80%99s-teaching-learning-materials-young-children>.

- Hidayati, Reny Murni, and Wagiran. "Implementation of Problem-Based Learning to Improve Problem-Solving Skills in Vocational High School." *Jurnal Pendidikan Vokasi* 10, no. 2 (2020).
- Jethro, Olojo Oludare, Adewumi Moradeke Grace, and Ajisola Kolawole Thomas. "E-Learning and Its Effects on Teaching and Learning in a Global Age." *International Journal of Academic Research in Business and Social Sciences* 2, no. 1 (January 2012): 203–210.
- Jha, Amrit Kumar, and Alisha Arora. "The Neuropsychological Impact of E-Learning on Children." *Asian Journal of Psychiatry* 54 (2020): 102306.
- Joseph, Elizabeth D., Chelsea L. Kracht, Jessica St. Romain, Andrew T. Allen, Caroline Barbaree, Corby K. Martin, and Amanda E. Staiano. "Young Children's Screen Time and Physical Activity: Perspectives of Parents and Early Care and Education Center Providers." *Global Pediatric Health* 6 (2019).
- Kamarulzaman, Wirawani binti. "Affect of Play on Critical Thinking: What Are the Perceptions OF Preservice Teachers." *International Journal of Social Science and Humanity* 5, no. 12 (2015): 1024–1029.
- Kingsley S., Olisah, and Mohamed Ismail Z. "Web Based E-Learning System for Pre-School Kids." *International Journal of Information Systems and Engineering* 3, no. 1 (2015): 219–232.
- Komara, Endang, and Anang Mauludin. *Pengembangan Keprofesian Berkelanjutan (PKB) Dan Penelitian Tindakan Kelas (PTK) Bagi Guru*. Bandung: PT. Refika Aditama, 2016.
- León, Jenny Melo. "A Baseline Study of Strategies to Promote Critical Thinking in the Preschool Classroom." *GiST Education and Learning Research Journal*, no. 10 (2015): 113–127.
- Lim, Francis Pol. "An Analysis of Synchronous and Asynchronous Communication Tools in e-Learning." *Advanced Science and Technology Letters* 143 (2017): 230–234.
- M, Sundus. "The Impact of Using Gadgets on Children." *Journal of Depression and Anxiety* 07, no. 01 (2017).
- Malouff, John M., and Nicola S. Schutte. *Activities to Enhance Social, Emotional, and Problem-Solving Skills: Ninety Activities That Teach Children, Adolescents, and Adults Skills Crucial to Success in Life*. Springfield, IL: Charles C. Thomas Publishers, Ltd., 2014.
- McCain, Ted. *Teaching for Tomorrow : Teaching Content and Problem-Solving Skills*. Corwin Press, 2005.

- McCartney, Kathleen, and Deborah Phillips. *Blackwell Handbook of Early Childhood Development*. Malden, MA: Blackwell, 2006.
- McMillan, Kathleen, and Jonathon Weyers. *How to Improve Your Critical Thinking and Reflective Skills*. Harlow, England: Pearson, 2013.
- Mentari, Eca Gesang, Mutia Rahayu, Mhd. Habibu Rahman, Puti Lestari, Aulia Rahma, Wahyu Purwasih, Nia Kurniasari, et al. *Manajemen Pengembangan Pendidikan Anak Usia Dini*. Yogyakarta: Hijaz Pustaka Mandiri, 2020.
- Morrison, George S. *Early Childhood Education Today*. 12th ed. Boston: Pearson, 2012.
- Natalina, Desiani. "Menumbuhkan Perilaku Berpikir Kritis Sejak Anak Usia Dini." *Cakrawala Dini* 5, no. 1 (May 2015): 1–6.
- Neaum, Sally. *Child Development for Early Childhood Studies*. Exeter, Devon, UK: Learning Matters, 2010.
- Ng, Clarence, Brendan Bartlett, and Stephen N. Elliott. *Empowering Engagement : Creating Learning Opportunities for Students from Challenging Backgrounds*. Switzerland: Springer International Publishing, 2018.
- Pelo, Ann. *Rethinking Early Childhood Education*. Milwaukee, WI: Rethinking Schools, Ltd., 2008.
- Permanasari, Anna. "STEM Education: Inovasi Dalam Pembelajaran Sains." *Prosiding Seminar Nasional Pendidikan Sains (SNPS) 2016* (2016).
- Peterson, Aaron. "Connecting STEM Curriculum with Social Emotional Learning in Early Childhood." *Undergraduate Research Journal* 22, no. 1. 5 (2018): 1–22.
- Pressley, Michael, and Christine B. McCormick. *Child and Adolescent Development for Educators*. New York: The Guilford Press, 2018.
- Pressley, Michael, and Christine McCormick. *Child and Adolescent Development for Educators*. New York: The Guilford Press, 2018.
- Purnama, Sigit, Hardiyanti Pratiwi, and Prima Suci Rohmadheny. *Penelitian Tindakan Kelas Untuk Pendidikan Anak Usia Dini*. Bandung, Jawa Barat: PT Remaja Rosdakarya, 2020.
- Purwaningsih, E., S. P. Sari, A. M. Sari, and A. Suryadi. "The Effect of STEM-PjBL and Discovery Learning on Improving Students' Problem Solving Skills of the Impulse and Momentum Topic." *Jurnal Pendidikan IPA Indonesia* 9, no. 4 (2020): 465–476.

- Risnanosanti, D Susyla, and M Syofiana. "Developing Students Critical Thinking Ability through Lesson Study." *Journal of Physics: Conference Series* 1320 (2019): 012005.
- Robertson, S. Ian. *Problem Solving : Perspectives from Cognition and Neuroscience*. 2nd ed. London, UK: Routledge, 2016.
- Santrock, John W. *Educational Psychology*. 5th ed. New York: McGraw-Hill Education, 2011.
- Segler, Harvey. *Critical Thinking Powerful Strategies That Will Make You Improve Your Decisions*. Lexington, KY: The author, 2016.
- Shahabadi, Mehdi Mehri, and Megha Uplane. "Synchronous and Asynchronous e-Learning Styles and Academic Performance of e-Learners." *Procedia - Social and Behavioral Sciences* 176 (2015): 129–138.
- Sherhoff, David J. *Optimal Learning Environments to Promote Student Engagement*. New York, NY: Springer, 2013.
- Siantajani, Yuliati. *Konsep Dan Praktik STE(A)M Di PAUD*. Semarang: PT Sarang Seratus Aksara, 2020.
- Struyf, Annemie, Haydée De Loof, Jelle Boeve-de Pauw, and Peter Van Petegem. "Students' Engagement in Different Stem Learning Environments: Integrated Stem Education as Promising Practice?" *International Journal of Science Education* 41, no. 10 (2019): 1387–1407.
- Sugiyono. *Metode Penelitian Pendidikan (Pendekatan Kuantitatif, Kualitatif, Dan R&D)*. Bandung: Penerbit Alfabeta, 2016.
- Suryana, Dadan. *Pendidikan Anak Usia Dini: Stimulasi Dan Aspek Perkembangan Anak*. Jakarta: Kencana, 2016.
- Taylor, Leah, and Jim Parsons. "Improving Student Engagement ." *Current Issues in Education* 14, no. 1 (2011): 1–33.
- Tientongdee, S. "Development of Problem-Solving Skill by Using Active Learning for Student Teachers in Introductory Physics." *Journal of Physics: Conference Series* 1144 (2018): 012002.
- Ulfah, St. Maria, and Junaedah. *Buku Saku Guru Pendidikan Anak Usia Dini*. Gowa, Sulawesi Selatan: Penerbit Aksara Timur, 2018.
- Wahyuningsih, Siti, Adriani Rahma Pudyaningtyas, Ruli Hafidah, Muhammad Munif Syamsuddin, Novita Eka Nurjanah, and Upik Elok Rasmani. "Efek Metode STEAM Pada Kreatifitas Anak Usia 5-6 Tahun." *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini* 4, no. 1 (2019): 305.

- Wankel, Charles, and Patrick Blessinger. *Increasing Student Engagement and Retention in e-Learning Environments Web 2*. Bradford: Emerald Group Publishing Limited, 2013.
- Wardhani, IGAK, and Kuswaya Wihardit. *Penelitian Tindakan Kelas*. Banten: Universitas Terbuka, 2018.
- Willms, Jon Douglas. *Student Engagement at School: a Sense of Belonging and Participation*. Paris: OECD, 2003.
- Winarno, Winarno, and Johan Setiawan. "Penerapan Sistem E-Learning Pada Komunitas Pendidikan Sekolah Rumah (Home Schooling)." *Jurnal ULTIMA InfoSys* 4, no. 1 (2013): 45–51.
- Wiyani. *Konsep Dasar PAUD*. Yogyakarta: Penerbit Gava Media, 2016.
- Wulandari, Hesty, and Edi Purwanta. "Pencapaian Perkembangan Anak Usia Dini Di TK Selama Pembelajaran Daring Saat Pandemi Covid-19." *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini* 5, no. 1 (2021): 452–463.

