

DESAIN MODEL PENDIDIKAN VOKASIONAL BAGI ANAK USIA DINI

DISERTASI

Diajukan Untuk Memperoleh Gelar Doktor Pendidikan Teknologi Kejuruan



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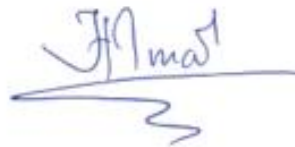
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ABSTRAK

Pendidikan vokasional memiliki relevansi dan kaitan yang signifikan dengan eksplorasi karir bagi anak karena dapat membantu membangun keterampilan praktis sejak dini, mempersiapkan masa depan dalam dunia kerja, membantu mengembangkan kemandirian, keterampilan sosial, dan kemampuan *problem solving* yang merupakan aspek kunci dalam pengembangan holistik anak-anak. Pendidikan vokasional dapat membantu anak membangun dasar-dasar sebagai pondasi keterampilan dan minat yang berkembang menjadi preferensi karir di masa depan. Banyak orang belum memahami bahwa pendidikan vokasional dapat diberikan kepada anak sejak dini. Hal itu disebabkan karena literatur, sumber belajar, media edukasi, dan informasi di media massa yang membahas tentang pengembangan vokasional pada masa anak usia dini sangat terbatas. Dukungan berupa kebijakan atau aturan pemerintah tentang pengembangan vokasional pada anak usia dini yang berkaitan dengan pengembangan minat dan bakat dalam eksplorasi karir juga sangat diperlukan. Penelitian ini bertujuan untuk menghasilkan model pendidikan vokasional bagi anak usia dini. Desain penelitian menggunakan pendekatan Design Based Research (DBR) yang dilakukan melalui tahapan: (1) *analysis and exploration*, (2) *design and construction*, (3) *evaluation and reflection*. Perancangan model pendidikan vokasional bagi anak usia dini diawali dengan menggali informasi awal tentang *vocational choice* (cita-cita) sebagai gambaran umum pemilihan karir anak menggunakan angket *google form* kepada orang tua yang memiliki anak usia dini 5-7 tahun. Tinjauan literatur *bibliometric analysis* pada basis data scopus untuk mengetahui *trend* penelitian *children vocational development*. Kemudian, hasil analisis literatur tersebut dijadikan acuan untuk perancangan model pendidikan vokasional bagi anak usia dini yang di validasi oleh ahli di bidang pendidikan anak usia dini sebanyak 15 orang melalui kegiatan FGD (*Focus Group Discussion*). Model yang dihasilkan adalah model konseptual pendidikan vokasional bagi anak usia dini yang berkaitan dengan eksplorasi karir yang sudah tervalidasi. Model pendidikan vokasional bagi anak usia dini menjadi model implementatif untuk di lembaga pendidikan anak usia dini yang memiliki kekhususan dan kekhasan dari aktivitas, metode, dan media yang dapat menstimulasi minat dan bakat (*vocational interest dan multiple intelligence*) anak berkaitan dengan eksplorasi karir.

Kata Kunci : Pendidikan Vokasional, Anak Usia Dini, Ekplorasi Karir

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DAFTAR PUSTAKA

- Annetta, L. A., Frazier, W. M., Folta, E., Holmes, S., Lamb, R., & Cheng, M. T. (2013). Science Teacher Efficacy and Extrinsic Factors Toward Professional Development Using Video Games in a Design-Based Research Model: The Next Generation of STEM Learning. *Journal of Science Education and Technology*, Vol. 22, pp. 47–61. <https://doi.org/10.1007/s10956-012-9375-y>
- Aprilia, W. (2020). Perkembangan pada masa pranatal dan kelahiran. *Yaa Bunayya: Jurnal Pendidikan Anak Usia Dini*, 4(1), 39–56.
- Araújo, A., & Taveira, M. C. (2009). Study of career development in children from a developmental- contextual perspective. *European Journal of Education and Psychology*, 2, 49–67.
- Atmawarni. (2020). Membangun Karakter Peserta Didik Di Sekolah. *Genta Mulia*, XI(2), 300–304.
- Ayriza, Y., Triyanto, A., Setiawati, F. A., & Gunawan, N. E. (2020). Exploring children's career interests and knowledge based on holland's theory. *International Journal of Instruction*, 13(4), 643–662. <https://doi.org/10.29333/iji.2020.13440a>
- Azmir, A. M., Ku Johari, K. S., & Mahmud, I. (2020). *Relationship Between Multiple Intelligence and Career Interest Among Secondary School Students. 1*, 121–132. <https://doi.org/10.2991/assehr.k.200824.152>
- Baiti, N., & Zulkarnaen, M. (2021). Pelatihan Stimulasi Keterampilan Literasi Awal Melalui Media Poster Bagi Anak Usia Dini di Masa Pandemi. *Abdimas Pedagogi: Jurnal Ilmiah Pengabdian Kepada Masyarakat*, 4(2), 71. <https://doi.org/10.17977/um050v4i2p71-77>
- Batool, S. S., & Ghayas, S. (2020). Process of career identity formation among adolescents: components and factors. *Heliyon*, 6(9), e04905. <https://doi.org/10.1016/j.heliyon.2020.e04905>
- Baumgartner, E., Bell, P., Brophy, S., Hoadley, C., Hsi, S., Joseph, D., ... Tabak, I. (2003). Design-Based Research: An Emerging Paradigm for Educational Inquiry. *Educational Researcher*, 32(1), 5–8. <https://doi.org/10.3102/0013189X032001005>
- Bian, L., Leslie, S. J., & Cimpian, A. (2017). Gender stereotypes about intellectual ability emerge early and influence children's interests. *Science*, 355(6323), 389–391. <https://doi.org/10.1126/SCIENCE.AAH6524>
- Billett, S. (2011). Vocational Education. *Vocational Education*, 59–82. <https://doi.org/10.1007/978-94-007-1954-5>
- Bol, E., & de Wolf, M. (2023). Developing futures literacy in the classroom. *Futures*, 146(December 2022), 103082. <https://doi.org/10.1016/j.futures.2022.103082>
- Chan, C. C. (2019). Social support, career beliefs, and career self-efficacy in determination of Taiwanese college athletes' career development. *Journal of Hospitality, Leisure, Sport and Tourism Education*, (September), 100232. <https://doi.org/10.1016/j.jhlste.2019.100232>
- Chau, L., Yuen, M., Chan, P., Liu, S., Chan, K., Lee, D., & Hsieh, W.-Y. (2022). Play-based parent training programme supporting Hong Kong kindergarten children in social competence development. *British Journal of Guidance &*

- Counselling*, 50(3), 386–399.
- Cross, R. (2013). *Life skills—skills for life: A handbook*. International Federation of Red Cross and Red Crescent Societies Reference.
- D, A. O. P. (2019). Pre-Vocational, Pre-Technical and Pre-Professional Programmes: Basic Tools for Vocational Technical Education and Training. *Journal of Education and Practice*, 10(26), 97–106. <https://doi.org/10.7176/jep/10-26-09>
- Di Blasio, B. (2013). On the Role of Life Stories in Vocational Choice. *Procedia - Social and Behavioral Sciences*, 82, 487–491. <https://doi.org/10.1016/j.sbspro.2013.06.297>
- Dzulhidayat. (2022). No Titleהארץ. *הענינים*. לבגד שבאמת את מה לראות את מה קשה לראות את מה שבאמת לבגד הענינים. *הארץ*, 3(8.5.2017), 2003–2005.
- Elango, S., J. L. García, J., Heckman, J., & Hojman, A. (2016). Early Childhood Education In R. A. Moffitt (Ed.). In *Economics of Means-Tested Transfer Programs in the United States*.
- Elena, M. A.-. (2014). The Role of Gender in the Formation of Vocational Interests and Career Orientation in Adolescence. *Procedia - Social and Behavioral Sciences*, 127, 240–244. <https://doi.org/10.1016/j.sbspro.2014.03.248>
- Elizabeth, P., Sarah, I., & Price, E. (1973). *N-*. (3).
- Filipović, K. (2018). Gender representation in children's books: Case of an early childhood setting. *Journal of Research in Childhood Education*, 32(3), 310–325.
- Foundation, N., Strategy, S., & Adults, F. O. R. (2012). *FOUNDATION*.
- Gagnon, É., Ratelle, C. F., Guay, F., & Duchesne, S. (2019). Developmental trajectories of vocational exploration from adolescence to early adulthood: The role of parental need supporting behaviors. *Journal of Vocational Behavior*, 115(December 2018), 103338. <https://doi.org/10.1016/j.jvb.2019.103338>
- Gati, I., & Kulcsár, V. (2021). Making better career decisions: From challenges to opportunities. *Journal of Vocational Behavior*, 126(January), 1–18. <https://doi.org/10.1016/j.jvb.2021.103545>
- Ginevra, M. C., Magnano, P., Lodi, E., Annovazzi, C., Camussi, E., Patrizi, P., & Nota, L. (2018). The role of career adaptability and courage on life satisfaction in adolescence. *Journal of Adolescence*, 62(November 2017), 1–8. <https://doi.org/10.1016/j.adolescence.2017.11.002>
- Goh, D. S., & Leong, F. T. L. (1993). The relationship between Holland's theory of vocational interest and Eysenck's model of personality. *Personality and Individual Differences*, 15(5), 555–562. [https://doi.org/10.1016/0191-8869\(93\)90339-5](https://doi.org/10.1016/0191-8869(93)90339-5)
- Gothard, B., Mignot, P., Offer, M., & Ruff, M. (2001). *Careers guidance in context*. Sage.
- Häggström, M., & Schmidt, C. (2021). Futures literacy – To belong, participate and act!: An Educational perspective. *Futures*, 132(March). <https://doi.org/10.1016/j.futures.2021.102813>
- Hall, D. T. (1996). Protean careers of the 21st century. *Academy of Management Executive*, 10(4), 8–15. <https://doi.org/10.5465/ame.1996.3145315>
- Harkins, M. A. (2001). Developmentally appropriate career guidance: Building concepts to last a lifetime. *Early Childhood Education Journal*, 28(3), 169–174.

- Hartung, P. J., Porfeli, E. J., & Vondracek, F. W. (2005). Child vocational development: A review and reconsideration. *Journal of Vocational Behavior*, 66(3), 385–419. <https://doi.org/10.1016/j.jvb.2004.05.006>
- Heymann, C., Scully, S., & Franz-Odenaal, T. A. (2022). Exploration of students' career drivers and goals by grade level and gender in Atlantic Canada. *Journal of Youth Studies*, 25(2), 151–169. <https://doi.org/10.1080/13676261.2020.1849585>
- Holland, J. (2012). Holland ' s theory of career choice. *Career New Zealand*, 2. Retrieved from www.career.govt.nz
- Howard, K. A. S., & Ferrari, L. (2022). Social-emotional learning and career development in elementary settings. *British Journal of Guidance & Counselling*, 50(3), 371–385.
- Howard, K. A. S., & Walsh, M. E. (2010). Conceptions of career choice and attainment: Developmental levels in how children think about careers. *Journal of Vocational Behavior*, 76(2), 143–152. <https://doi.org/10.1016/j.jvb.2009.10.010>
- Howard, K. A. S., & Walsh, M. E. (2011). Children's conceptions of career choice and attainment: Model development. *Journal of Career Development*, 38(3), 256–271. <https://doi.org/10.1177/0894845310365851>
- Hussein, S. (2013). Eksistensi Amerika Serikat Sebagai Kekuatan Global. *Global & Policy*, 1(1), 84–91. Retrieved from <http://ejournal.upnjatim.ac.id/index.php/jgp/article/view/2013>
- Ibda, F. (2015). Perkembangan Kognitif: Teori Jean Piaget. *Intelektualita*, 3(1), 242904.
- Jiang, Z., Newman, A., Le, H., Presbitero, A., & Zheng, C. (2019). Career exploration: A review and future research agenda. *Journal of Vocational Behavior*, 110, 338–356. <https://doi.org/10.1016/j.jvb.2018.08.008>
- Kim, J. H., & Shin, H. S. (2020). Effects of self-reflection-focused career course on career search efficacy, career maturity, and career adaptability in nursing students: A mixed methods study. *Journal of Professional Nursing*, (October 2019). <https://doi.org/10.1016/j.profnurs.2020.03.003>
- Kuijpers, M., Meijers, F., & Gundy, C. (2011). The relationship between learning environment and career competencies of students in vocational education. *Journal of Vocational Behavior*, 78(1), 21–30. <https://doi.org/10.1016/j.jvb.2010.05.005>
- Kumar, P. (2017). Morality and Life skills : The need and importance of life skills education. *International Journal of Advanced Education and Research*, 2(4), 144–148.
- Lawson, K. M., Crouter, A. C., & McHale, S. M. (2015). Links between family gender socialization experiences in childhood and gendered occupational attainment in young adulthood. *Journal of Vocational Behavior*, 90, 26–35. <https://doi.org/10.1016/j.jvb.2015.07.003>
- Lawson, K. M., Lee, B., Crouter, A. C., & McHale, S. M. (2018). Correlates of gendered vocational development from middle childhood to young adulthood. *Journal of Vocational Behavior*, 107(May), 209–221. <https://doi.org/10.1016/j.jvb.2018.05.002>
- Lee, B., Skinner, O. D., & McHale, S. M. (2018). Links between gendered leisure time in childhood and adolescence and gendered occupational aspirations.

- Journal of Adolescence*, 62(November 2017), 96–107.
<https://doi.org/10.1016/j.adolescence.2017.10.011>
- Lee, B., & Vondracek, F. W. (2014). Teenage goals and self-efficacy beliefs as precursors of adult career and family outcomes. *Journal of Vocational Behavior*, 85(2), 228–237. <https://doi.org/10.1016/j.jvb.2014.06.003>
- Lippa, R. (1998). Gender-related individual differences and the structure of vocational interests: The importance of the people-things dimension. *Journal of Personality and Social Psychology*, 74(4), 996–1009. <https://doi.org/10.1037/0022-3514.74.4.996>
- Low, K. S. D., Yoon, M., Roberts, B. W., & Rounds, J. (2005). The stability of vocational interests from early adolescence to middle adulthood: A quantitative review of longitudinal studies. *Psychological Bulletin*, 131(5), 713–737. <https://doi.org/10.1037/0033-2909.131.5.713>
- Marshall, B. C. (1981). Career Decision Making Patterns of Gifted and Talented Adolescents: Implications for Career Education. *Journal of Career Development*, 7(4), 305–310. <https://doi.org/10.1177/089484538100700407>
- McGuire, L., Mulvey, K. L., Goff, E., Irvin, M. J., Winterbottom, M., Fields, G. E., ... Rutland, A. (2020). STEM gender stereotypes from early childhood through adolescence at informal science centers. *Journal of Applied Developmental Psychology*, 67(March 2019). <https://doi.org/10.1016/j.appdev.2020.101109>
- McKenney, S., & Reeves, T. C. (2013). Systematic Review of Design-Based Research Progress: Is a Little Knowledge a Dangerous Thing? *Educational Researcher*, 42(2), 97–100. <https://doi.org/10.3102/0013189X12463781>
- McMahon, M., & Watson, M. (2022). Career development learning in childhood: a critical analysis. *British Journal of Guidance and Counselling*, 50(3), 345–350. <https://doi.org/10.1080/03069885.2022.2062701>
- Melrose, J., Perroy, R., & Careas, S. (2015). Exploring new horizons in career counseling. In *Sens Publishers* (Vol. 1). <https://doi.org/10.1017/CBO9781107415324.004>
- Mislaini, M. (2017). Pendidikan dan bimbingan kecakapan hidup (life skill) peserta didik. *Tarbawiyah: Jurnal Ilmiah Pendidikan*, 1(02), 88–101.
- Moè, A., Jansen, P., & Pietsch, S. (2018). Childhood preference for spatial toys. Gender differences and relationships with mental rotation in STEM and non-STEM students. *Learning and Individual Differences*, 68(February), 108–115. <https://doi.org/10.1016/j.lindif.2018.10.003>
- Mulvey, K. L., & Irvin, M. J. (2018). Judgments and reasoning about exclusion from counter-stereotypic STEM career choices in early childhood. *Early Childhood Research Quarterly*, 44, 220–230. <https://doi.org/10.1016/j.ecresq.2018.03.016>
- Muhdi, Senowarsito, & Listyaning, S. (2012). Pendidikan Kecakapan Hidup (Life Skills) Melalui Child Friendly Teaching Model (Cftm) Sebagai Dasar Membangun Karakter Siswa. *E-Dimas*, 3(1).
- Mulvey, K. L., & Irvin, M. J. (2018). Judgments and reasoning about exclusion from counter-stereotypic STEM career choices in early childhood. *Early Childhood Research Quarterly*, 44, 220–230. <https://doi.org/10.1016/j.ecresq.2018.03.016>
- Munley, P. H. (1975). Erik Erikson's theory of psychosocial development and

- vocational behavior. *Journal of Counseling Psychology*, 22(4), 314–319. <https://doi.org/10.1037/h0076749>
- Negru-Subtirica, O., Pop, E. I., & Crocetti, E. (2015). Developmental trajectories and reciprocal associations between career adaptability and vocational identity: A three-wave longitudinal study with adolescents. *Journal of Vocational Behavior*, 88(37), 131–142. <https://doi.org/10.1016/j.jvb.2015.03.004>
- Noor, A. H. (2015). Pendidikan kecakapan hidup (life skill) di pondok pesantren dalam meningkatkan kemandirian santri. *EMPOWERMENT: Jurnal Ilmiah Program Studi Pendidikan Luar Sekolah*, 4(1), 1–31.
- Norman, M. N., & Jordan, J. C. (2006). Targeting Life Skills In 4-H. *Edis*, 2006(9), 1–3. <https://doi.org/10.32473/edis-4h242-2006>
- Novitasari, Y. (2018). Analisis Permasalahan "Perkembangan Kognitif Anak Usia Dini". *PAUD Lectura: Jurnal Pendidikan Anak Usia Dini*, 2(01), 82–90. <https://doi.org/10.31849/paudlectura.v2i01.2007>
- Nugrahani, D., IKIP PGRI Semarang, S., Egar, N., Sumardiyani, L., & Wardoyo, S. L. (2011). Pendidikan Anak Usia Dini Berbasis Life Skills. *E-Dimas*, 2(1), 20. <https://doi.org/10.26877/e-dimas.v2i1.102>
- Nurani, Y., & Pratiwi, N. (2020). *Curriculum Design of Early Childhood Life Skill Based on Indonesian Local Culture*. 422(Icope 2019), 333–337. <https://doi.org/10.2991/assehr.k.200323.145>
- Oliveira, Í. M., & Araújo, A. M. (2022). Career exploration as a foundation for career developmental learning and academic success in childhood. *British Journal of Guidance and Counselling*, 50(3), 351–370. <https://doi.org/10.1080/03069885.2021.1887814>
- Oliveira, Í. M., Taveira, M. do C., & Porfeli, E. J. (2015). Emotional aspects of childhood career development: importance and future agenda. *International Journal for Educational and Vocational Guidance*, 15(2), 163–174. <https://doi.org/10.1007/s10775-015-9303-9>
- Paloş, R., & Drobot, L. (2010). The impact of family influence on the career choice of adolescents. *Procedia - Social and Behavioral Sciences*, 2(2), 3407–3411. <https://doi.org/10.1016/j.sbspro.2010.03.524>
- Parry, C., & Nomikou, M. (2014). Life skills: developing active citizens. London: British Council.
- Popov, O., & Manuel, A. (2016). Vocational Literacy in Mozambique: Historical Development, Current Challenges and Contradictions. *Literacy and Numeracy Studies*, 24(1), 23–42. <https://doi.org/10.5130/lms.v24i1.4899>
- Porfeli, E. J., Hartung, P. J., & Vondracek, F. W. (2008). Children's vocational development: A research rationale. *Career Development Quarterly*, 57(1), 25–37. <https://doi.org/10.1002/j.2161-0045.2008.tb00163.x>
- Porfeli, E. J., & Lee, B. (2012). Career development during childhood and adolescence. *New Directions for Youth Development*, 2012(134), 11–22.
- Rahmati, B., Adibrad, N., & Tahmasian, K. (2010). *The Effectiveness of life skill training on Social adjustment in*. 5, 870–874. <https://doi.org/10.1016/j.sbspro.2010.07.201>
- Ratnasih, D. R. H. J. T., HT, M. A. G. C. C., & Nursaadah, S. (n.d.). *Judul Artikel: Peran Guru, Orang Tua dalam Pendidikan (Life Skill) Anak Usia Dini di Sekolah*. 1–5.

- Reimann, P. (2011). *Design-Based Research BT - Methodological Choice and Design: Scholarship, Policy and Practice in Social and Educational Research* (L. Markauskaite, P. Freebody, & J. Irwin, Eds.). https://doi.org/10.1007/978-90-481-8933-5_3
- Retnaningrum, W. (2016). Peningkatan perkembangan kognitif anak usia dini melalui media bermain memancing. *Jurnal Pendidikan Dan Pemberdayaan Masyarakat*, 3(2), 207. <https://doi.org/10.21831/jppm.v3i2.11284>
- Rowland, K. D. (2004). Career decision-making skills of high school students in the Bahamas. *Journal of Career Development*, 31(1), 1–13. <https://doi.org/10.1023/B:JOCD.0000036702.02293.1a>
- Savickas, M. L., & Savickas, S. (2016). Vocational psychology, overview. *The Curated Reference Collection in Neuroscience and Biobehavioral Psychology*, (May 2016), 460–470. <https://doi.org/10.1016/B978-0-12-809324-5.05746-1>
- Schultz, L. H., Connolly, J. J., Garrison, S. M., Leveille, M. M., & Jackson, J. J. (2017). Vocational interests across 20 years of adulthood: Stability, change, and the role of work experiences. *Journal of Research in Personality*, 71, 46–56. <https://doi.org/10.1016/j.jrp.2017.08.010>
- Silbereisen, R. K., Vondracek, F. W., & Berg, L. A. (1997). Differential timing of initial vocational choice: The influence of early childhood family relocation and parental support behaviors in two cultures. *Journal of Vocational Behavior*, 50(1), 41–59. <https://doi.org/10.1006/jvbe.1995.1526>
- Sisca, & William Gunawan. (2015). Gambaran Adaptabilitas Karier Remaja. *Jurnal Psikologi UIN Sultan Syarif Kasim Riau*, 11(Desember), 111–119.
- Sodano, S. M. (2011). Integrating vocational interests, competencies, and interpersonal dispositions in middle school children. *Journal of Vocational Behavior*, 79(1), 110–120. <https://doi.org/10.1016/j.jvb.2010.12.013>
- Stead, G. B., & Schultheiss, D. E. P. (2010). Validity of childhood career development scale scores in South Africa. *International Journal for Educational and Vocational Guidance*, 10(2), 73–88. <https://doi.org/10.1007/s10775-010-9175-y>
- Steele, R. (2013). About Taylor & Francis, the Academic Division of Informa plc. *Editors' Bulletin*, 9(1), 13–18. <https://doi.org/10.1080/17521742.2013.870718>
- Stoll, G., Einarsdóttir, S., Song, Q. C., Ondish, P., Sun, J. J., & Rounds, J. (2020). The Roles of Personality Traits and Vocational Interests in Explaining What People Want Out of Life. *Journal of Research in Personality*, 86, 103939. <https://doi.org/10.1016/j.jrp.2020.103939>
- Studer, J. R. (2005). *The professional school counselor: An advocate for students*. Thomson Brooks/Cole.
- Sudira, P. (1990). *Pre-vocational Courses on Primary Education*. (0274).
- Sumiyati, S., Indriasih, A., & Sumaji, S. (2020). Life – Skill Based Learning To Improve Early Child Creativity. *International Journal of Emerging Issues in Early Childhood Education*, 2(2), 73–82. <https://doi.org/10.31098/ijeiece.v2i2.213>
- Suprihatin, Y., & Dewi, E. L. (2018). Implementasi Pendidikan Life Skill Sejak Dini dalam Pembelajaran Entrepreneurship (Studi pada SMP Cahaya Bangsa School Metro). *Elementary: Jurnal Ilmiah Pendidikan Dasar*, 4(1), 85–96.
- Suryaatmadja, C., & Wibawanta, B. (2022). Kaitan Holland Code, Multiple Intelligences dan Color Q Personality terhadap Pemilihan Karier Anak Usia

- 15-17 Tahun. *JHIP - Jurnal Ilmiah Ilmu Pendidikan*, 5(8), 3204–3211. <https://doi.org/10.54371/jiip.v5i8.825>
- Suryana, D. (2021). *Pendidikan anak usia dini teori dan praktik pembelajaran*. Prenada Media.
- Susanti, R. A. (2022). Pengembangan Media Busy Book untuk Pengenalan Keterampilan Hidup Sehari-hari Anak 2-4 Tahun di Taman Sosialisasi Anak. *AWLADY: Jurnal Pendidikan Anak*, 8(2), 55–66.
- Taveira, M. D. C., & Moreno, M. L. R. (2003). Guidance theory and practice: The status of career exploration. *British Journal of Guidance and Counselling*, 31(2), 189–208.
- Turner, S. L. L., Lapan, R. T., & Turner, S. L. (2012). Promotion of career awareness, development, and school success in children and adolescents: Putting theory and research to work. In *Career development and counseling: Putting theory and research to work*. John Wiley & Sons.
- Vidergor, H. E. (2023). Teaching futures thinking literacy and futures studies in schools. *Futures*, 146(May 2022), 103083. <https://doi.org/10.1016/j.futures.2022.103083>
- Volodina, A., & Nagy, G. (2016). Vocational choices in adolescence: The role of gender, school achievement, self-concepts, and vocational interests. *Journal of Vocational Behavior*, 95–96, 58–73. <https://doi.org/10.1016/j.jvb.2016.07.005>
- Watson, M. (2016). Career Exploration and Development in Childhood. In *Career Exploration and Development in Childhood*. <https://doi.org/10.4324/9781315683362>
- Watson, M., & McMahan, M. (2005). Children's career development: A research review from a learning perspective. *Journal of Vocational Behavior*, 67(2), 119–132.
- Watson, M., Nota, L., & McMahan, M. (2015). Evolving stories of child career development. *International Journal for Educational and Vocational Guidance*, 15(2), 175–184. <https://doi.org/10.1007/s10775-015-9306-6>
- Wegemer, C. M., & Eccles, J. S. (2019). Gendered STEM career choices: Altruistic values, beliefs, and identity. *Journal of Vocational Behavior*, 110, 28–42. <https://doi.org/10.1016/j.jvb.2018.10.020>
- Wicaksana. (2015). *Pengembangan Aplikasi Tes Karier Holland Dengan Instrumen Strong Interest Inventory (Sii) Disesuaikan Dengan Prodi Di Universitas Telkom Application Development of Holland Career Test With Strong Interest Inventory (Sii) Instruments Adjusted To Depart*. 1(2), 1077–1080.
- Wiesner, M., Vondracek, F. W., Capaldi, D. M., & Porfeli, E. (2003). Childhood and adolescent predictors of early adult career pathways. *Journal of Vocational Behavior*, 63(3), 305–328. [https://doi.org/10.1016/S0001-8791\(03\)00028-9](https://doi.org/10.1016/S0001-8791(03)00028-9)
- Yuliwulandana, N. (2017). Pengembangan Muatan Kecakapan Hidup (Life Skill) Pada Pembelajaran di Sekolah. *Tarbawiyah: Jurnal Ilmiah Pendidikan*, 12(02), 191–206.
- Yuni, W., Erlina, W., & Maghfur, M. (2022). *Sistem Pendidikan di Negara China*. 2(3), 311–317.
- Zhang, J., & Yuen, M. (2022). Social connectedness and career and talent

development self-efficacy: direct and mediating effects. *British Journal of Guidance & Counselling*, 50(3), 400–412.