

## REFERENCES

- A. Muri Yusuf, M. (2016). *Metode Penelitian Kuantitatif, Kualitatif & Penelitian Gabungan*. Prenada Media.
- Abbitt, J. T. (2011). An investigation of the relationship between self-efficacy beliefs about technology integration and technological pedagogical content knowledge (TPACK) among Preservice teachers. *Journal of Digital Learning in Teacher Education*, 27(4), 134-143. <https://doi.org/10.1080/21532974.2011.10784670>
- Anggriawan, Y. (2020). Analisis Kemampuan Technological Pedagogical Content Knowledge (Tpck) Pada Guru Matematika Dalam Metode Discovery Learning Di Smp Negeri Se Ke. Tuntang Kab. Semarang Tahun Pelajaran 2020. 1-131.
- Aminah, N., Waluya, S. B., Rochmad, R., Sukestiyarno, S., Wardono, W., & Adiastuty, N. (2020). Analysis of technology pedagogic content knowledge ability for junior high school teacher: Viewed TPACK framework. *Proceedings of the International Conference on Agriculture, Social Sciences, Education, Technology and Health (ICASSETH 2019)*. <https://doi.org/10.2991/assehr.k.200402.060>
- Ali Al-oglah, T. M. (2018). Teaching and learning English as a foreign language. *International Journal of English Language Teaching*, 5(2), 57. <https://doi.org/10.5430/ijelt.v5n2p57>
- Baran, E. C.-H. (2011). Tpack: An Emerging Research And Development Tool For Teacher Educators. *Tojet: The Turkish Online Journal Of Educational Technology*, October 2011, Volume 10 Issue 4.
- Brown, H. Douglas. 2000. Principles of Language Learning And Teaching. Longman.
- Drajati, N. A., Tan, L., Haryati, S., Rochsantiningsih, D., & Zainnuri, H. (2018). Investigating English language teachers in developing tpck and

- multimodal literacy. *Indonesian Journal of Applied Linguistics*, 7(3), 575. <https://doi.org/10.17509/ijal.v7i3.9806>
- Ching Sing Chai, J. H.-C. (2017). A Review Of Technological Pedagogical Content Knowledge. *Educational Technology & Society*, 31-51
- Cox, S. &. (2009). Diagramming Tpack In Practice: Using And Elaborated Model Of The Tpack Framework To Analyze And Depict Teacher Knowledge. *Techtrends*, 60-69. <https://doi.org/10.1007/s11528-009-0327-1>
- Conny R. Semiawan. 2010. Metode Penelitian Kualitatif. Grasindo
- Chouhan, V. S., & Srivastava, S. (2014). Understanding competencies and competency modelling a literature survey. *IOSR Journal of Business and management*, 16(1),14-22. <https://doi.org/10.9790/487x-16111422>
- Creswell, J. (2002). *Educational Research: Planning, Conducting, And Evaluating Quantitative And Qualitative Research*. Upper Saddle River, Nj: Merrill Prentice Hall.
- Creswell, J. W. (2012). *Research Design: Qualitative, Quantitative, And Mixed Methods Approaches*. Pustaka Pelajar.
- Creswell, J., & Plano Clark, V. (2007). Designing and Conducting Mixed Methods Research. Thousand Oaks, CA: Sage
- Dabbagh, N. &.-R. (2005). Online Learning: Concepts, Strategies, And Application. *Upper Saddle River, Nj: Prentice Hall*.  
<https://doi.org/10.1007/s11423-007-9071-4>
- Ediger, A. (2001). Teaching children literacy skills in a second language. In M. Celce Murcia, Teaching English as a second or foreign language (Third ed.). Heinle Cengage Leaming.
- Ersan, C. Y. (2016). Improving Technological Pedagogical Content Knowledge (Tpack) Of Pre-Service English Language Teachers. *International Education Studies*.

Echols, John M. Dan Hassan Shadily, Kamus Inggris Indonesia. Gramedia Pustaka Utama, 1988.

- Ersanli, C. Y. (2016). Improving technological pedagogical content knowledge (TPACK) of pre-service English language teachers. *International Education Studies*, 9(5), 18. <https://doi.org/10.5539/ies.v9n5p18>
- Fadel, C., & Trilling, B. (2012). Twentyfirst century skills and competencies. *Encyclopedia of the Sciences of Learning*, 3353-3356. [https://doi.org/10.1007/978-1-4419-1428-6\\_763](https://doi.org/10.1007/978-1-4419-1428-6_763)
- Farrell, I. K., & Hamed, K. M. (2017). Examining the relationship between technological pedagogical content knowledge (TPACK) and student achievement utilizing the Florida value-added model. *Journal of Research on Technology in Education*, 49(3-4), 161-181. <https://doi.org/10.1080/15391523.2017.1328992>
- Ghasemi, B., & Hashemi, M. (2011). ICT: Newwave in English language learning/teaching. *Procedia - Social and Behavioral Sciences*, 15, 3098-3102. <https://doi.org/10.1016/j.sbspro.2011.04.252>
- Gill, L., & Dalgarno, B. (2017). A qualitative analysis of pre-service primary school teachers' TPACK development over the four years of their teacher preparation programme. *Technology, Pedagogy and Education*, 26(4), 439-456. <https://doi.org/10.1080/1475939x.2017.1287124>
- Hamid, D. (2011). Metode Penelitian Pendidikan. Alfabeta
- Hammer, J. (2007). The practice of English language teaching. (Fourth ed.). Pearson Longman.
- Horvitz, B. S. (2007). N. Dabbagh and B. Bannan-ritland, online learning: Concepts, strategies, and application. *Educational Technology Research and Development*, 55(6), 667-669. <https://doi.org/10.1007/s11423-007-9071-4>
- Heflebower, R. J. (2011). *Teaching And Assessing 21st Century Skills: The Classroom Strategies Series (What Principals Need To Know About)*. Marzano Research Laboratory.

- Iswadi, Syukri, M., Soewarno, Yulisman, H., & Nurina, C. (2020). A systematic literature review of science teachers' TPACK related to STEM in developing a TPACK-STEM scale. *Journal of Physics: Conference Series*, 1460(1), 012105. <https://doi.org/10.1088/17426596/1460/1/012105>
- Indrian, M. S. (2019). Pentingnya Technological Pedagogical Content Knowledge (Tpck) Guru Di Era Revolusi Industri 4.0. *Seminar Nasional Pagelaran Pendidikan Dasar Nasional (Ppdn)*, 417-422.
- Koehler, M. J., & Mishra, P. (2005). What happens when teachers design educational technology? The development of technological pedagogical content knowledge. *Journal of Educational Computing Research*, 32(2), 131-152. <https://doi.org/10.2190/0ew7-01wb-bkhl-qdyv>
- Koehler, M. J., Mishra, P., & Cain, W. (2013). What is technological pedagogical content knowledge (TPACK)? *Journal of Education*, 193(3), 13-19. <https://doi.org/10.1177/002205741319300303>
- Koh, J. H., Chai, C. S., Hong, H., & Tsai, C. (2014). A survey to examine teachers' perceptions of design dispositions, lesson design practices, and their relationships with technological pedagogical content knowledge (TPACK). *Asia-Pacific Journal of Teacher Education*, 43(5), 378-391. <https://doi.org/10.1080/1359866x.2014.941280>
- Koehler, M. J., Mishra, P., Bouck, E.C., Deschryver, M., Kereluik, K., Shin, T.S., & Wolf, L.G. (2011). Deep-Play: Developing Tpack For 21st Century Teachers. *International Journal For Learning Technology*, 6 (2), 146-163
- Lexy J. Moleong. (2010). *Metodologi Penelitian Kualitatif (Edisi Revisi)*. Pt Remaja Rosdakarya.
- Mishra, P., & Koehler, M. J. (2006). Technological pedagogical content knowledge: A framework for teacher knowledge. *Teachers College Record: The Voice of Scholarship in Education*, 108(6), 1017-1054. <https://doi.org/10.1177/016146810610800610>

- Muhaimin, M., Habibi, A., Mukminin, A., Saudagar, F., Pratama, R., Wahyuni, S., Sadikin, A., & Indrayana, B. (2019). A sequential explanatory investigation of TPACK: Indonesian science teachers' survey and perspective. *Journal of Technology and Science Education*, 9(3), 269. <https://doi.org/10.3926/jotse.662>
- Morley, J. (2001). Aural Comprehension instruction: Principles and practices. In M. Celce Murcia, Teaching English as a second of foreign language (Third ed.). Heinle, Cengage Learning
- Nazari, N., Nafissi, Z., Estaji, M., & Marandi, S. S. (2019). Evaluating novice and experienced EFL teachers' perceived TPACK for their professional development. *Cogent Education*, 6(1), 1632010. <https://doi.org/10.1080/2331186x.2019.1632010>
- Nuangchalerm, P. (2020). TPACK in ASEAN perspectives: Case study on Thai pre-service teacher. *International Journal of Evaluation and Research in Education (IJERE)*, 9(4), 993. <https://doi.org/10.11591/ijere.v9i4.20700>
- Olatoye, M.A., Nleya, P.T., & Batane, T. (2013). Effective Classroom Management and the Use of TPACK: Implication for Pedagogical Practices. *Journal of Education and Practice*, 4, 119-124.
- Pulungtana, J. R., & Dwikurnaningsih, Y. (2020). Evaluasi Kinerja Mengajar guru IPS Dalam Mengimplementasikan TPACK. *Jurnal Ilmu Sosial dan Humaniora*, 9(1), 146. <https://doi.org/10.23887/jish-undiksha.v9i1.24672>
- Randika, A., Sofendi, S., & Vianty, M. (2020). The correlations among English teachers' tpack, tise, itoe, and teaching implementation. *Jurnal Pendidikan Progresif*, 10(3), 513-525. <https://doi.org/10.23960/jpp.v10.i3.202013>
- Sahin, I., Celik, I., Oguz Akturk, A., & Aydin, M. (2013). Analysis of relationships between technological pedagogical content knowledge and educational internet use. *Journal of Digital Learning in Teacher Education*, 29(4), 110-117. <https://doi.org/10.1080/21532974.2013.10784714>
- Schmidt, D. A., Baran, E., Thompson, A. D., Mishra, P., Koehler, M. J., & Shin, T. S. (2009). Technological pedagogical content knowledge

- (TPACK). *Journal of Research on Technology in Education*, 42(2), 123-149. <https://doi.org/10.1080/15391523.2009.10782544>
- S. Margono, Metodologi Penelitian Pendidikan, PT. Rineka Cipta, 1997, hal. 105
- SHULMAN, L. S. (1986). Those who understand: Knowledge growth in teaching. *Educational Researcher*, 15(2), 4-14. <https://doi.org/10.3102/0013189x015002004>
- Trilling And Fadel. (2009). 21st Century Skills: Learning For Life In Our Times. Jossey Bass
- Yu, C. H. (2008). Book review: Creswell, J., & Plano Clark, v. (2007). Designing and conducting mixed methods research. Thousand Oaks, CA: Sage. *Organizational Research Methods*, 12(4), 801-804. <https://doi.org/10.1177/1094428108318066>
- Yulisman, H., Widodo, A., Riandi, R., & Nurina, C. I. (2020). The contribution of content, pedagogy, and technology on the formation of science teachers' Tpack ability. *EDUSAINS*, 11(2), 173-185. <https://doi.org/10.15408/es.v11i2.10700>