

## REFERENCES

- Abbasi, I. (2020). The influence of technology on English language and literature. *English Language Teaching*, 13(7), 1. <https://doi.org/10.5539/elt.v13n7p1>
- Adas, D., & Bakir, A. (2013). Writing difficulties and new solutions : blended learning as an approach to improve writing abilities PhD in teaching English language methods , AL-quds open University ,. *International Journal of Humanities and Social Science*, 3(9), 254–266.
- Agustin, N. D., Rofi, S., & Mubarok, T. A. (2021). *Developing task-based writing supplementary material of descriptive text accompanied by audio-visual media*. I(4), 1–12.
- Al Khoeri, A. F., Nuraini, W., Ramdani, & Agum, S. (2021). The implementation of Canvas to enhance English teaching and learning. *Proceedings International Conference on Education, 2013*, 315–320.
- Alakrash, H. M., Razak, N. A., & Krish, P. (2022). The application of digital platforms in learning English language. *International Journal of Information and Education Technology*, 12(9), 899–904. <https://doi.org/10.18178/ijiet.2022.12.9.1699>
- Alexander, R. J. (2015). Teaching and learning for all? the quality imperative revisited. *International Journal of Educational Development*, 40(2015), 250–258. <https://doi.org/10.1016/j.ijedudev.2014.11.012>
- Alisha, F., Safitri, N., & Santoso, I. (2019). Students' difficulties in writing EFL. *Professional Journal of English Education*, 2(1964), 20–25.
- Amalia, H., Abdullah, F., & Fatimah, A. S. (2021). Teaching writing to junior high school students: a focus on challenges and solutions. *Journal of Language and Linguistic Studies*, 17(January), 794–810. <https://doi.org/10.17263/jlls.904066>
- Arikunto. (2003). *Evaluasi program pendidikan*. PT. Bumi Aksara.
- Arikunto, S., & Cepi Abdul Jabar, S. (2009). *buku cepi - Copy.pdf*.
- Ashari, F., & Purnama, S. (2019). The use of simple present tense verb and adjective in writing description text. *INFERENCE: Journal of English ...*, 2(2), 131–137. <https://journal.lppmunindra.ac.id/index.php/inference/article/view/5953>
- Astuti, M., Arifin, Z., Mutohhari, F., & Nurtanto, M. (2021). Competency of digital technology: the maturity levels of teachers and students in vocational education in Indonesia. *Journal of Education Technology*, 5(2), 254–262. <https://doi.org/10.23887/jet.v5i3.35108>

- Bajrami, L. (2015). Teacher's new role in language learning and in promoting learner autonomy. *Procedia - Social and Behavioral Sciences*, 199, 423–427. <https://doi.org/10.1016/j.sbspro.2015.07.528>
- Bedir, H. (2019). The journal of language and linguistic studies. *Journal of Language and Linguistic Studies*, 14(4), 111–135. <http://www.jlls.org/index.php/jlls/article/view/4/5>
- Belay, B. S. (2022). *Using ICT pplications in EFL teaching: challenges and experiences of novice vs. experienced English teachers*. 8.5.2017, 2003–2005.
- Budasi, I. G., Ratminingsih, N. M., Agustini, K., & Risadi, M. Y. (2020). Power point game, motivation, achievement: The impact and students' perception. *International Journal of Instruction*, 13(4), 509–522. <https://doi.org/10.29333/iji.2020.13432a>
- C., E., A, J., B, F., & C, C. (2020). Motivating factors of teachers in developing supplementary learning materials (Slms). *International Journal of Advanced Research*, 8(5), 108–113. <https://doi.org/10.21474/ijar01/10912>
- Cachia, R., Anusca, F., Ala-mutka, K., & Punie, Y. (2010). *Punie creative learning and innovative teaching final report on the study on creativity and innovation in education in the EU member states* (Issue January). <http://ipts.jrc.ec.europa.eu>
- Chuntala, A. D. W. (2019). Scientific approach in 21st century learning in Indonesian language learning vocational school of pharmacy. *International Journal of Active Learning*, 4(2), 71–77. <http://journal.unnes.ac.id/nju/index.php/ijal>
- Deford, K. R., Curtis, C. D., Hill, S. B., & Johnson, H. A. (2017). Technology Canva : a practical , accessible graphic. *Marketing Libraries Journal*, 1, 26–29.
- Dewi, N. K., Utami, I. G. . L., & Santosa, M. (2022). Development of digital supplementary material using Quizizz-based learning media in intensive English course. *JINOTEP (Jurnal Inovasi Dan Teknologi Pembelajaran): Kajian Dan Riset Dalam Teknologi Pembelajaran*, 9(1), 14–22. <https://doi.org/10.17977/um031v9i12022p014>
- Dharmawati, D. (2021). An analysis of students' learning independence in learning English for computer using google classroom. *Budapest International Research and Critics Institute (BIRCI-Journal): Humanities and Social Sciences*, 4(2), 1635–1642. <https://doi.org/10.33258/birci.v4i2.1825>
- Elsa, E., & Anwar, K. (2021). The perception of using technology Canva application as a media for English teacher creating media virtual teaching and English learning in Loei Thailand. *Journal of English Teaching, Literature, and Applied Linguistics*, 5(1), 62.

<https://doi.org/10.30587/jetlal.v5i1.2253>

- Emeteria Leonila A. Perez. (2016). English songs as supplementary materials in the teaching of paragraph writing. *US-China Foreign Language*, 14(8), 570–573. <https://doi.org/10.17265/1539-8080/2016.08.006>
- Eni Ismayanti, A. K. (2019). An analysis of students' ability and difficulties in writing descriptive text. *Jurnal JOEPALLT (Journal of English Pedagogy, Linguistics, Literature, and Teaching)*, 7(1), 10–20. <https://doi.org/10.35194/jj.v7i1.534>
- Fanzeka, D., Rusli, R., Hastuty, H., & Nasrullah, N. (2021). The development of digital teaching materials using Macromedia flash for junior high school class VII. *ARRUS Journal of Mathematics and Applied Science*, 1(2), 72–80. <https://doi.org/10.35877/mathscience617>
- Fauziyah, N. L., Widodo, J. P., & Yappi, S. N. (2016). *The use of ' Canva for education ' and the students ' perceptions of its effectiveness in the writing procedure text.* 6368–6377.
- Findawati, Y., & Suprianto. (2014). Bahan ajar multimedia interaktif kewirausahaan SMK menggunakan model pembelajaran problem based learning. *Jnteti*, 3(4), 257–263.
- Fitriani, F., Nur, R. H., Bustamin, B., Ali, S. M., & Nurisman, N. (2019). Improving students' descriptive text writing by using writing in the here and now strategy at the tenth grade students of vocational high school. *International Journal for Educational and Vocational Studies*, 1(6), 632–636. <https://doi.org/10.29103/ijevs.v1i6.1802>
- Frafika Sari, I. (2022). Digital platforms in Elt learning as the tool for young learners. *Indonesian EFL Journal (IEFLJ)*, 8(1), 46–52.
- Gregory, R. J. (2000). Psychological testing: history, principles and applications seventh edition. In *Pearson Education*.
- Gunawan, S., & Saputra, H. (2020). Problems and teaching solutions for students' in learning English. *PROJECT (Professional Journal of English Education)*, 3(1), 59. <https://doi.org/10.22460/project.v3i1.p59-64>
- Hadi, M. S., Izzah, L., & Paulia, Q. (2021). Teaching writing through Canva appication to enchanse students' writing performance. *JOLLT Journal of Languages and Language Teaching*, 9(2), 228–235. <https://e-journal.undikma.ac.id/index.php/jollt/article/view/3533/2565>
- Hardiani, S. (2018). Developing supplementary writing materials for grade VIII students of SMP Negeri 6 Yogyakarta. *English Language Teaching Journal*,

202–208.

- Haris Mayekti, M., Faiza, D., & Chrystanty Yudha Bestari, A. (2022). *An analysis of writing descriptive text at the second semester students' English language teaching Unu Purwokerto*. 1(1), 30–36. <http://dx.doi>
- Harmer, J. (2004). *How to teach writing* (p. 162).
- Hendarsyah, H., Hendriana, H., & Sudrajat, R. T. (2022). The influence of independent learning on the ability to write exposition texts in class x. *JLER (Journal of Language Education Research)*, 5(1), 44. <https://doi.org/10.22460/jler.v5i1.9878>
- Hidayati, K. H. (2018). *Teaching writing to EFL learners an investigation*. 4(1), 21–31.
- Hyland, K. (2008). Writing theories and writing pedagogies. *Indonesian Journal of English Language Teaching*, 4(2), 91–110. [http://m.indonesianjelt.org/Pages/current\\_issues\\_detail.aspx?Id=132&year=2008&month=10&volume=4&edition=2&Type=BackIssue](http://m.indonesianjelt.org/Pages/current_issues_detail.aspx?Id=132&year=2008&month=10&volume=4&edition=2&Type=BackIssue)
- Ibrahim Almarashdeh. (2016). Sharing instructors experience of learning management system: a technology perspective of user satisfaction in distance learning course. *Computers in Human Behavior*, 63, 249–255. <https://doi.org/10.1016/j.chb.2016.05.013>
- Indrilla, N., & Ciptaningrum, D. S. (2018). An approach in teaching writing skills: does it offer a new insight in enhancing students' writing ability. *Journal: A Journal on Language and Language Teaching*, 21(2), 124–133.
- Ismail, N. M. (2016). Using the process approach for teaching English descriptive writing. *English Education Journal (Program Pascasarjana Universitas Negeri Semarang)*, 7(4), 535–548.
- Jannah, M., Prasojo, L. D., & Jerusalem, M. A. (2020). Elementary school teachers' perceptions of digital technology based learning in the 21st century: promoting digital technology as the proponent learning tools. *Al Ibtida: Jurnal Pendidikan Guru MI*, 7(1), 1. <https://doi.org/10.24235/al.ibtida.snj.v7i1.6088>
- Jayanti, A. D. (2019). *Students' writing ability on English descriptive text at*

*grade VIII in SMPN 33 Padang. 3(1).*

- Jumami, M. F. (2021). Using canva in teaching writing to Efl classroom students. *Bogor English Student And Teacher (BEST) Conference, 3*, 60–65.
- Karki, T. M. (2018). Supplementary resources materials in English language classrooms: development and implementation. *Tribhuvan University Journal, 32(1)*, 251–260. <https://doi.org/10.3126/tuj.v32i1.24791>
- Kite, J., Schlub, T. E., Zhang, Y., Choi, S., Craske, S., & Dickson, M. (2020). Exploring lecturer and student perceptions and use of a learning management system in a postgraduate public health environment. *E-Learning and Digital Media, 17(3)*, 183–198. <https://doi.org/10.1177/2042753020909217>
- Klug, B., & Williams, U. (2016). Canva. *The Charleston Advisor, 17(4)*, 13–16. <https://doi.org/10.5260/chara.17.4.13>
- Kraft, C. (2012). User experience and why it matters. In *User Experience Innovation*. [https://doi.org/10.1007/978-1-4302-4150-8\\_1](https://doi.org/10.1007/978-1-4302-4150-8_1)
- Kristiana, N., Yunita, W., & Syahrial, S. (2021). Students' difficulties in writing descriptive text at the seventh grade of SMP sint carolus Bengkulu. *Linguists: Journal Of Linguistics and Language Teaching, 7(1)*, 67. <https://doi.org/10.29300/ling.v7i1.4249>
- Laugwitz, B., Held, T., & Schrepp, M. (2008). Construction and evaluation of a user experience questionnaire. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5298 LNCS*, 63–76. [https://doi.org/10.1007/978-3-540-89350-9\\_6](https://doi.org/10.1007/978-3-540-89350-9_6)
- Lestari, T., Sudarsono, & Arifin, Z. (2015). *Teaching writing a descriptive text by using guided writing strategy. 4.*
- Malicoban, E. V., Bucu, I. M. S., Yaun, D. A. A., Mordeno, I. C. V., & Lasta, N. A. Y. (2021). Development of a supplementary material on modes of heat transfer for STEM learning among grade 7 students. *Journal of Physics: Conference Series, 1835(1)*. <https://doi.org/10.1088/1742->

6596/1835/1/012032

- Mendale, B. P., Komariah, E., & and Fitriani, S. S. (2019). Analyzing students' ability in using the language features in writing descriptive text. *Research in English and Education (READ)*, 4(10), 1–15.
- Mfreke Umoh, D. J., & Bassey, M. (2020). Teaching and learning with media technology. *Novateur Publications International Journal of Innovations in Engineering Research and Technology*, 7(5), 2394–3696. [www.tutor2u.net](http://www.tutor2u.net).
- Moses, R. N., & Mohamad, M. (2019). Challenges faced by students and teachers on writing skills in ESL contexts: a literature review. *Creative Education*, 10(13), 3385–3391. <https://doi.org/10.4236/ce.2019.1013260>
- Munari, R., Hidayatulloh, F., Sakura, H., & Arga, P. (2018). Use of learning media ICT-based to improve motivation and the result of learning science in solar system materials. *Collase*, 01(06), 382–391.
- Muslimat, A., Muhsin, H., Ab Wahid, H., Yulistiana, I., Sunarsi, D., Roro Vemmi Kesuma Dewi, R., & Ilham, D. (2021). Develop technology based multimedia for Indonesian teachers. *Journal of Contemporary Issues in Business and Government*, 27(1), 2021. <https://cibg.org.au/>
- Nalyvaiko, O., & Vakulenko, A. (2021). Canvas lms: opportunities and features. *Educological Discourse*, 35(4), 154–172. <https://doi.org/10.28925/2312-5829.2021.410>
- Nikoopour, J., & Farsani, M. A. (2011). English language teaching material development. *Journal of Language and Translation*, 2(2), 1–12. [http://ttl.azad.ac.ir/article\\_531664\\_a5cf544dbdb1db8fde9616f545009c0e.pdf](http://ttl.azad.ac.ir/article_531664_a5cf544dbdb1db8fde9616f545009c0e.pdf)
- Niswaty, R., & Arhas, S. H. (2019). The effect of learning media on progress quality in office administration program in vocational school Negeri 1 Watamponebone regency. *Journal of Physics: Conference Series*, 1387(1). <https://doi.org/10.1088/1742-6596/1387/1/012042>
- Noprianto, E. (2017). Student's descriptive text writing in SFL perspectives.

- IJELTAL (Indonesian Journal of English Language Teaching and Applied Linguistics)*, 2(1), 65. <https://doi.org/10.21093/ijeltal.v2i1.53>
- Nurhidayat, E. (2021). Utilizing Canva as digital tools to teach grammar in remote learning period. *Journal of English Language Learning*, 5(2), 95–99. <https://doi.org/10.31949/jell.v5i2.3413>
- Nurliana, N. (2019). Developing a model of supplementary English materials based on local content. *Journal of English Language Studies*, 4(1), 86. <https://doi.org/10.30870/jels.v4i1.4834>
- Pamela Ansayam, M. G., & Tan, D. A. (2021). Investigating the utilization of digital instructional materials and digital tools for online learning in teacher education courses. *International Journal of Scientific & Technology Research*, 10(09), 125–137. [www.ijstr.org](http://www.ijstr.org)
- Pandu, & Fajar, A. N. (2019). E-learning implementation using user experience questionnaire. *Journal of Physics: Conference Series*, 1367(1). <https://doi.org/10.1088/1742-6596/1367/1/012015>
- Pentury, H., & Anastasia, A. (2022). Empowering students' 21st century skills through Canva application. *Jurnal Kependidikan: Jurnal Hasil Penelitian Dan Kajian Kepustakaan Di Bidang Pendidikan, Pengajaran Dan Pembelajaran*, 8(1), 50–57. <https://doi.org/10.33394/jk.v8i1.4391>
- Purnamasari, D., Hidayat, D. N., & Kurniawati, L. (2021). An analysis of students' writing skill on English descriptive text. *English Education: Jurnal Tadris Bahasa Inggris*, 14(1), 101–114. <https://doi.org/10.24042/ee-jtbi.v14i1.7943>
- Puspitarini, Y. D., & Hanif, M. (2019). Using learning media to increase learning motivation in elementary school. *Anatolian Journal of Education*, 4(2), 53–60. <https://doi.org/10.29333/aje.2019.426a>
- Quyen, C. T., & Hong, N. T. T. (2021). A theoretical study on the genuinely effective technology application in English language teaching for teachers and students. *AsiaCALL Online Journal*, September.

<https://asiacall.info/acoj/index.php/journal/article/view/63>

- Rahayu, W. P., & Munadhiroh, S. (2020). *Project-based psychomotor assessment instruments to increase student competencies in the 21st century*. 152, 342–355. <https://doi.org/10.2991/aebmr.k.201126.038>
- Ramdani, S. D., El Islami, R. A. Z., Pratiwi, H., Fawaid, M., Abizar, H., & Maulani, I. (2021). Developing digital teaching material on basic electricity based on problem-based learning in vocational education. *Jurnal Pendidikan Vokasi*, 11(1), 78–91. <https://doi.org/10.21831/jpv.v11i1.38894>
- Rauschenberger, M., Schrepp, M., Perez-Cota, M., Olschner, S., & Thomaschewski, J. (2013). Efficient measurement of the user experience of interactive products. how to use the user experience questionnaire (UEQ).example: Spanish language version. *International Journal of Interactive Multimedia and Artificial Intelligence*, 2(1), 39. <https://doi.org/10.9781/ijimai.2013.215>
- Rezkyana, D., & Agustini, S. (2022). The use of Canva in teaching writing. *Proceedings Series on Physical & Formal Sciences*, 3, 71–74. <https://doi.org/10.30595/pspfs.v3i.267>
- Richey, R. C., & Klein, J. D. (2005). Developmental research methods: creating knowledge from instructional design and development practice. *Journal of Computing in Higher Education*, 16(2), 23–38. <https://doi.org/10.1007/BF02961473>
- Rosiana, C. (2017). Developing supplementary writing material for university students. *Jurnal Dharma Pendidikan*, 12(2), 48–61. <https://journal.stkipnganjuk.ac.id/index.php/jdp/article/view/124>
- Rubiyah, R., Ping, M., & Syamdianita, S. (2018). Implementing concept mapping technique to improve students' descriptive writing ability. *Language and Language Teaching Journal*, 21(1), 65–74. <https://doi.org/10.24071/llt.2018.210107>
- Rusli, R., Rahman, A., Ahmar, A. S., Musa, H., & Lince, R. (2021). Development

of teaching materials for digital higher education in the industrial revolution 4.0 era. *Linguistics and Culture Review*, 5(1), 361–366. <https://doi.org/10.21744/lingcure.v5n1.1692>

Rusman, R., & Mugara, R. (2018). *Development of e-Learning model to improve learning outcomes*. *I(Ices 2017)*, 152–157. <https://doi.org/10.5220/0007037501520157>

Rustiman, U., & Mahdi, S. (2021). Introduction and assistance of utilizing business marketing design applications with Canva for training participants Al Firdaus community work training center ( BLKK ) kemnaker , pangalengan village , Bandung. *International Journal of Engagement and Empowerment*, 1(2), 92–102.

Santosa, M. H., Harismayanti, I., & Putra, I. N. A. J. (2022). Technology in action: developing gamification handbook in English teaching and learning for the 21st century learners. *Teaching English as a Second or Foreign Language--TESL-EJ*, 26(101), 1–25. <https://doi.org/10.55593/ej.26101a2>

Santoso, H. B., Schrepp, M., Yugo Kartono Isal, R., Utomo, A. Y., & Priyogi, B. (2016). Measuring user experience of the student-centered E-learning environment. *Journal of Educators Online*, 13(1), 1–79.

Sariyatun, Suryani, N., Sutimin, L. A., Abidin, N. F., & Akmal, A. (2021). The effect of digital learning material on students' social skills in social studies learning. *International Journal of Instruction*, 14(3), 417–432. <https://doi.org/10.29333/iji.2021.14324a>

Schrepp, M., Hinderks, A., & Thomaschewski, J. (2017a). Construction of a benchmark for the user experience questionnaire (UEQ). *International Journal of Interactive Multimedia and Artificial Intelligence*, 4(4), 40. <https://doi.org/10.9781/ijimai.2017.445>

Schrepp, M., Hinderks, A., & Thomaschewski, J. (2017b). Design and evaluation of a short version of the user experience questionnaire (UEQ-S). *International Journal of Interactive Multimedia and Artificial Intelligence*, 4(6), 103. <https://doi.org/10.9781/ijimai.2017.09.001>

- Selvarasu, E., Thomas, A., Sundareswaran, I., Rahaman, A., Farzana, S., & Pareli, M. (2021). Teaching writing using online tools: an experimental study at the University of technology and applied sciences. *International Journal of Linguistics, Literature and Translation (IJLLT)*, 4(6), 97–201. <https://doi.org/10.32996/ijllt>
- Setyowati, L., & Sukmawan, S. (2019). Authentic materials for teaching writing: a critical look. *International Journal of Language Education*, 3(2), 68–77. <https://doi.org/10.26858/ijole.v3i2.9609>
- Shobahul Hoir, M. Subandowo, Y. W. (2019). *Improve your English through the 21st century skills*. 4, 38–48.
- Sitorus, D. S., Siswandari, & Kristiani. (2019). The effectiveness of accounting E-module integrated with character value to improve students' learning outcomes and honesty. *Cakrawala Pendidikan*, 38(1), 120–129. <https://doi.org/10.21831/cp.v38i1.20878>
- Tamrin, M., Azkiya, H., & Sari, S. G. (2017). Problems faced by the teacher in maximizing the use of learning media in Padang. *Al-Ta Lim Journal*, 24(1), 60–66. <https://doi.org/10.15548/jt.v24i1.262>
- Tegeh, I. M., & Kirna, I. M. (2013). Pengembangan bahan ajar metode penelitian pendidikan dengan ADDIE model. *Jurnal IKA*, 11(1), 16. <https://ejournal.undiksha.ac.id/index.php/IKA/article/view/1145>
- Tessalonica, V., Simamora, R., Ritonga, R. G., & Anggraini, E. F. (2022). *Writing problems in junior high school ( SMPN 1 ) Pematangsintar this study aims to answer the research problem about the non-linguistic problems in writing faced by grade eight at junior high school 1 Pematangsiantar*. 2(11), 80–88.
- Ushbah Mubarak, F., & Nurul Asri, A. (2020). Infographics: media for improving students' writing abilities. *KnE Social Sciences*, 2020(2013), 78–87. <https://doi.org/10.18502/kss.v4i4.6469>
- Utami, I., Tazijan, F., & Rosnija, E. (2022). Developing supplementary materials for descriptive text writing usingispring quizmaker. *Journal of English Language Teaching Innovations and Materials*, 4(April 15), 88–121.

<http://dx.doi.org/10.26418/jeltim.v4i1.51770>

- Wang, C. H., Shannon, D. M., & Ross, M. E. (2013). Students' characteristics, self-regulated learning, technology self-efficacy, and course outcomes in online learning. *Distance Education*, 34(3), 302–323. <https://doi.org/10.1080/01587919.2013.835779>
- Warda, E. G., & Wijaya, A. (2019). The effectiveness of teaching writing descriptive text by using social media “instagram” to improve students' writing ability at junior high school students. *Tell: Teaching of English Language and Literature Journal*, 7(1), 16. <https://doi.org/10.30651/tell.v7i1.2696>
- Yani, K. K. (2022). Students' error in writing descriptive text in the junior high school viewed from its indicators. *Jurnal Pendidikan Bahasa Inggris Undiksha*, 9(3), 249. <https://doi.org/10.23887/jpbi.v9i3.43351>
- Yesmambetova, K. N. (2019). Students' lack of interest: How to motivate them? *Universal Journal of Educational Research*, 7(3), 797–802. <https://doi.org/10.13189/ujer.2019.070320>
- Yuliansih, E., Arafat, Y., & Wahidy, A. (2021). The influence of learning media and learning interests on student learning outcomes. *JPGI (Jurnal Penelitian Guru Indonesia)*, 6(2), 411. <https://doi.org/10.29210/021064jpgi0005>
- Yundayani, A., Susilawati, & Chairunnisa. (2019). Investigating the effect of Canva on students' writing skills. *Journal of English Education*, 7(2), 169–176. <https://doi.org/10.25134/erjee.v7i2.1800>.Received
- Zawodniak, J., & Kruk, M. (2019). Boredom in the English language classroom: an investigation of three language learners. *Konin Language Studies*, 7(2), 197–214. <https://doi.org/10.30438/ksj.2019.7.2.5>