

REFERENCES

- Abrar, M., Mukminin, A., Habibi, A., & Marzulina, L. (2018). EFL students' speaking anxiety: A study at the English Education Study Program of a Public University in Jambi, Indonesia. *Arab World English Journal*, 9(2), 193–211. [10.24127/pj.v12i2.7262](https://doi.org/10.24127/pj.v12i2.7262)
- Adawiyah, R. (2018). The effectiveness of content-based instruction in teaching speaking skill for EFL learners. *VELES: Voices of English Language Education Society*, 2(2), 105–112. <https://doi.org/10.29408/veles.v2i2.846>
- Anggraini, D. (2022). Improving students' pronunciation skill using ELSA Speak application. *Journey: Journal of English Language and Pedagogy*, 5(1), 1–10. <https://doi.org/10.33503/journey.v5i1.1840>
- Aprilianis, Y. (2019). *The effect of Numbered Heads Together technique on students' speaking skill* (Undergraduate thesis, UIN Sultan Thaha Saifuddin Jambi), 30-31. <http://repository.uinjambi.ac.id/id/eprint/1709>
- Auliya, R. N. (2022). "The Correlation Between Students' Motivation to Learn English and Speaking Achievement at SMKN 1 Ngasem Kediri" 45-47.
- Chen, L., Xiong, Z., Sun, L., Yang, J., & Jin, Q. (2012). VFDB 2012 update: Toward the genetic diversity and molecular evolution of bacterial virulence factors. *Nucleic Acids Research*, 40(D1), 64-645. <https://doi.org/10.1093/nar/gkr989>
- Creswell, J. W. (2012). *Educational research: Planning, conducting, and evaluating quantitative and qualitative research* (4th ed.). Pearson Education, 624-630.
- Fitriyanti, I. D., & Malihah, N. (2021). The problems encountered by English foreign language learners in English speaking skill: Systematic literature review. *Education and Linguistics Knowledge Journal*, 6(2), 1–10. <https://doi.org/10.32503/edulink.v6i2.3992>
- Ghasemi, A., & Zahediasl, S. (2012). Normality tests for statistical analysis: A guide for non-statisticians. *International Journal of Endocrinology and Metabolism*, 10(2), 486-489. <https://doi.org/10.5812/ijem.3505>
- Godwin-Jones, R. (2019). Riding the digital wilds: Learner autonomy and informal language learning. *Language Learning & Technology*, 23(2), 8-25. <https://www.lltjournal.org/item/3024>
- Harris, A. D., McGregor, J. C., Perencevich, E. N., Furuno, J. P., Zhu, J., Peterson, D. E., & Finkelstein, J. (2006). The use and interpretation of quasi-experimental studies in medical informatics. *Journal of the American Medical Informatics Association*, 13(1), 16-23. <https://doi.org/10.1197/jamia.M1749>
- Harris, D. P. (1969). *Testing English as a Second Language*. McGraw-Hill, 42-45. <https://archive.org/details/testingenglishas00harr/page/n3/mode/2up>
- He, X. (2018). The role of the Cake application in improving speaking skills in English learning. *International Journal of Educational Technology*, 5(2), 23-34.
- Hwang, G. J., Wu, P. H., & Chen, C. H. (2016). Exploring the integration of smartphone applications into English language teaching: Teachers' perceptions and practices. *Computer Assisted Language Learning*, 29(6), 31-57. <https://doi.org/10.1080/09588221.2016.1147327>

- Kim, S., & Kwon, S. (2018). The impact of mobile applications on EFL students' speaking abilities. *Journal of Language and Learning*, 6(3), 107-120.
- Leong, L. M., & Ahmadi, S. M. (2017). An analysis of factors influencing learners' English-speaking skill. *International Journal of Research in English Education*, 2(1), 34-41. <https://doi.org/10.18869/acadpub.ijree.2.1.34>
- Leuwol, F. S., Basiran, M., Solehuddin, M., Vanchapo, A. R., Sartipa, D., & Munisah, E. (2023). Efektivitas metode pembelajaran berbasis teknologi terhadap peningkatan motivasi belajar siswa di sekolah. *Jurnal Pendidikan, Sains, dan Teknologi*, 10(3), 45-58. <https://doi.org/10.47668/edusaintek.v10i3.899>
- Mishra, P., Sahu, C., Singh, U., & Kesh, A. (2019). Descriptive statistics and normality tests for statistical data. *International Journal of Statistics and Reliability Engineering*, 6(2), 67-70.
- Mulyanah, E., Ishak, I., & Dewi, R. (2018). The effect of communicative language teaching on students' speaking skill. *Creative Communication and Innovation in English Studies (CICES)*, 1(1), 45-52. <https://doi.org/10.33050/cices.v4i1.478>
- Nur Hanifah, N., & Harsul Lisan, H. (2024). Enhancing speaking skills through digital applications. *Journal of English Education and Research*, 5(1), 45-58.
- Nuryadi, D., Astuti, A. R., Utami, T. W., & Budiantara, I. N. (2017). *Statistika penelitian pendidikan*. Yogyakarta: Deepublish.
- Pasaribu, D. S. (2018). Using Talking Chips technique to develop the tenth graders' speaking skills at smk pskd 1. *Journal of English Teaching*, 3(1), 1-10. <https://doi.org/10.33541/jet.v3i1.697>
- Pérez, P., García, E., & Sánchez, M. (2021). Mobile applications, peer feedback, and hybrid learning: Enhancing English speaking skills. *Computer Assisted Language Learning*, 34(2), 195-210.
- Pratolo, B., Habibie, A., & Setiawan, A. (2019). Speaking skill challenges encountered by Indonesian EFL learners. *Journal of English Language Teaching and Linguistics*, 4(3), 349-361. <https://doi.org/10.2991/adics-elssh-19.2019.7>
- Priyatno, D. (2018). *SPSS: Panduan mudah olah data bagi mahasiswa dan umum*. Yogyakarta, 13-17.
- Qasim, A. Y. (2021). A study of the factors affecting the learning of English-speaking skills. *Academic Journal of Nawroz University*, 10(1), 193–205.
- Qiao, H., & Zhao, A. (2023). Artificial intelligence-based language learning: Illuminating the impact on speaking skills and self-regulation in Chinese EFL context, 14(1), 1-11. <https://doi.org/10.3389/fpsyg.2023.1255594>
- Rabiah, S. (2018). Language as a tool for communication and cultural reality discloser. <https://doi.org/10.31227/osf.io/nw94m>
- Rezeki, P., & Dalimunte, M. (2020). Exploring English teachers' difficulties in teaching speaking. *Inspiring: English Education Journal*, 7(1), 1–10. <https://doi.org/10.35905/inspiring.v7i1.8793>
- Singh, H., O'Donoghue, J., & Worton, H. (2015). A study into the effects of eLearning on higher education. *Journal of University Teaching & Learning Practice*, 12(1), 15-16. <http://ro.uow.edu.au/jutlp/vol2/iss1/3>

- Sugiyono. (2018). *Metode penelitian kuantitatif, kualitatif, dan R&D*. Bandung: Alfabeta.
- Sun, Y.-C., Chang, Y.-J., & Yu, S.-Y. (2017). Incorporating mobile-based social networking into language learning to enhance learners' communication and confidence. *Interactive Learning Environments*, 25(3), 397–411. <https://doi.org/10.1080/10494820.2016.1138458>
- Syafrizal, S., & Rohmawati, C. (2017). Teacher's speaking strategies at vocational high school. *Journal of English Language Studies*, 2(1), 66–83. <https://doi.org/10.30870/jels.v2i1.1594>
- Thornbury, S. (2005). *How to teach speaking*. Pearson Longman 94-95.
- Wang, Y., & Smith, J. (2020). Evaluating mobile apps for improving students' English-speaking skills: A case study. *Asian EFL Journal*, 24(2), 123–138.
- Wang, Y., & Vasquez, C. (2012). The effectiveness of technology-enhanced language learning: The case of mobile applications. *Language Learning & Technology*, 16(2), 68–90. <https://doi.org/10.1016/j.system.2012.03.003>
- Wardasari, C. P., Tribuno, E. D., & Hadiwijaya, M. (2024). Factors affecting confidence in speaking English among elementary students. *Jurnal Pendidikan dan Keguruan*, 2(8), 7–10.
- Wisrance, M. W., & Kristanti, E. (2022). Psychological barriers on EFL students' speaking performance in border area. *Jurnal Pendidikan Bahasa Inggris*, 11(1), 1–10.
- Zhang, M. (2024). Enhancing self-regulation and learner engagement in L2 speaking: Exploring the potential of intelligent personal assistants within a learning-oriented feedback framework. *BMC Psychology*, 421-426. <https://doi.org/10.1186/s40359-024-01917-0>