

**EXPLORING STUDENTS' PERCEPTIONS  
OF DIGITAL COMPETENCE  
IN ENGLISH WRITING SKILLS: A CASE  
STUDY AT SMAN 1 GEDEG MOJOKERTO**

**THESIS**

Submitted in partial fulfillment of the requirements for the degree of  
Sarjana Pendidikan Islam (S.pd) in Teaching English



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Dengan ini menyatakan dengan sebenar-benarnya bahwa skripsi dengan judul *"EXPLORING STUDENTS' PERCEPTIONS OF DIGITAL COMPETENCE IN ENGLISH WRITING SKILLS: A CASE STUDY AT SMAN 1 GEDEG MOJOKERTO"* adalah benar-benar hasil karya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai hasil karya tulisan sendiri. Segala materi diambil dari orang lain hanya sebagai acuan untuk mengikuti tata cara serta etika penulisan karya ilmiah yang telah ditetapkan oleh jurusan. Demikian pernyataan ini dibuat dengan sebenar-benarnya. Apabila pernyataan tidak sesuai dengan fakta yang ada, maka saya bersedia menerima sanksi atas perbuatan tersebut.

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## ABSTRACT

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Key Word: *Students' Perception, Digital Competence, English Writing Skills*

The current development of technology has enabled teachers and students to use it for learning, including the teaching and learning of English writing. This qualitative study aimed to explore students' perceptions of their digital competence in writing English. A total of 70 students from two classes completed the questionnaires, and the researcher interviewed 8 students to gain a deeper understanding of their perceptions of their digital competence in writing English. This study found that the majority of students at SMAN 1 Gedeg Mojokerto recognize the importance of digital competence and actively engage in digital activities to support their writing. Most students indicated that they know how to protect themselves and others from data leaks by not disclosing information publicly. Meanwhile, students assessed themselves as lacking in other competencies, particularly in creating digital content. The interviews revealed that students frequently use Google Translate and Canva to help with their writing. They use various methods to review their writing, such as checking it themselves, enlisting the help of friends and tutors, and using grammar checkers. They also protect their security by using passwords and two-factor authentication. These results underscore the importance of understanding digital literacy in supporting digital English writing skills.

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## ABSTRAK

Nurni'amah, Y. E. (2024). *Exploring Students' Perceptions of Digital Competence In English Writing Skills: A Case Study at SMAN 1 Gedeg Mojokerto*. Program Studi Pendidikan Bahasa Inggris, Fakultas Tarbiyah dan Keguruan, Universitas Islam Negeri Sunan Ampel Surabaya.  
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Kata Kunci: *Persepsi Siswa, Kompetensi Digital, Keterampilan Menulis Bahasa Inggris*

Perkembangan teknologi saat ini telah memungkinkan guru dan siswa memanfaatkannya dalam proses pembelajaran, termasuk dalam pengajaran dan pembelajaran menulis bahasa Inggris. Penelitian kualitatif ini bertujuan untuk mengeksplorasi persepsi siswa terhadap kompetensi digital mereka dalam menulis bahasa Inggris. Sebanyak 70 siswa dari dua kelas mengisi kuesioner, dan peneliti mewawancarai 8 siswa untuk memperoleh pemahaman yang lebih mendalam mengenai persepsi mereka terhadap kompetensi digital dalam menulis bahasa Inggris. Penelitian ini menemukan bahwa mayoritas siswa di SMAN 1 Gedeg Mojokerto menyadari pentingnya kompetensi digital dan secara aktif terlibat dalam aktivitas digital untuk mendukung kegiatan menulis mereka. Sebagian besar siswa menyatakan bahwa mereka tahu cara melindungi diri mereka sendiri dan orang lain dari kebocoran data dengan tidak memberikan informasi secara publik. Sementara itu, siswa menilai diri mereka kurang dalam kompetensi lain, terutama dalam membuat konten digital. Wawancara mengungkapkan bahwa siswa sering menggunakan Google Translate dan Canva untuk membantu penulisan mereka. Mereka menggunakan berbagai metode untuk meninjau tulisan mereka, seperti memeriksanya sendiri, meminta bantuan teman dan tutor, serta menggunakan pemeriksa tata bahasa. Mereka juga melindungi keamanan mereka dengan menggunakan kata sandi dan otentikasi dua faktor. Hasil ini menekankan pentingnya memahami literasi digital dalam mendukung keterampilan menulis bahasa Inggris secara digital.

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## LIST OF ABBREVIATIONS

VG = Very Good

G = Good

P = Poor

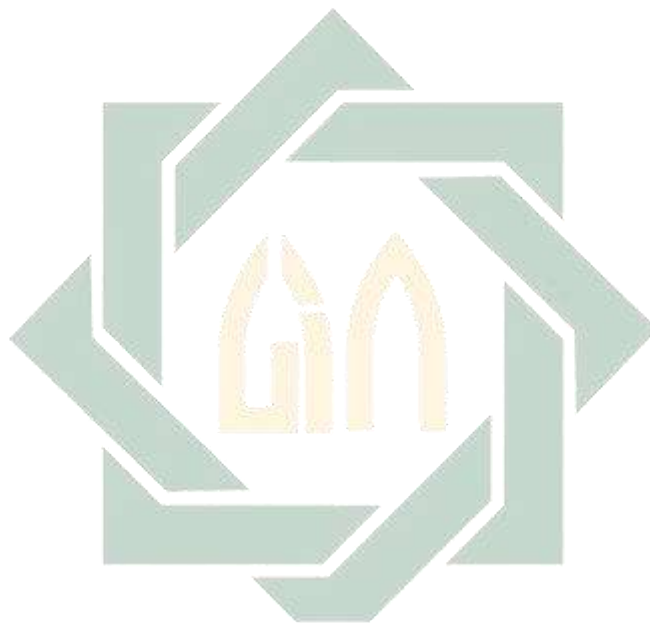
VP = Very Poor



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## REFERENCES

- Ahmadi, M. R. (2018). "The Use of Technology in English Language Learning: A Literature Review". *International Journal of Research in English Education*. Vol. 3 No. 2, June 2018. 115–125. <https://doi.org/10.29252/ijree.3.2.115>
- Andini, T. M., & Prastiyowati, S. (2021). "Gender Differences Learning Strategy at the English Language Education Department Students, University Of Muhammadiyah Malang". *Jurnal Inovasi Pembelajaran*. Vol. 7 No. 2, November 2021. 217–226. <https://doi.org/10.22219/jinop.v7i2.10476>
- Andrade, A. V. B., Cabezas-González, M., & Casillas-Martín, S. (2020). "Digital Competences Relationship between Gender and Generation of University Professors". *International Journal on Advanced Science, Engineering and Information Technology*. Vol. 10 No. 1, February 2020. 205–211. <https://doi.org/10.18517/ijaseit.10.1.10806>
- Atabek, O. (2020). "Development and Validation of Digital Writing Scale for Preservice Teachers". *Novitas-ROYAL (Research on Youth and Language)*. Vol. 14 No. 2, October 2020. 119-139. <http://files.eric.ed.gov/fulltext/EJ1272382.pdf>
- Basheer Nomass, B. (2013). "The Impact of Using Technology in Teaching English as a Second Language". *English Language and Literature Studies*. Vol. 3 No. 1, February 2013. 111–116. <https://doi.org/10.5539/ells.v3n1p111>
- Bhandari, P. (2023, June 22). "What is Qualitative Research? | Methods & Examples". *Scribbr*. Retrieved May 09, 2024, from <https://www.scribbr.com/methodology/qualitative-research/>
- Brown, H. D. (2001). *Teaching by Principles: An Interactive Approach to Language Pedagogy*. New York: Longman.
- Cohen, L., Manion, L., & Morrison, K. (2007). *Research Methods in Education (6th ed.)*. Routledge/Taylor & Francis Group.
- Cohen, L., Manion, L., & Morrison, K. (2017). *Research Methods in Education (8th ed.)*. London: Routledge. <https://doi.org/10.4324/9781315456539>
- Creswell, J. W. (2012). 11. In *Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research (4th ed.)*. PHI Learning Private Limited.

- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative and Mixed Methods Approaches (4th ed.)*. Thousand Oaks, CA: Sage.
- Demuth, A. (2013). *Perception Theories*. Kraków: Trnavská univerzita.
- De Prado, M. G., Cañón, R., García-Martín, S., & Cantón, I. (2020). “Digital Competence and Gender: Teachers in Training. A Case Study”. *Future Internet*. Vol. 12 No. 11, November 2020. 204. <https://doi.org/10.3390/fi12110204>
- Dudeny, G. (2011). *Digital Literacies and the Language Classroom*. KOTESOL Proceedings 2011, 31
- Estanyol, E., Montaña, M., Fernández-de-Castro, P., Aranda, D., & Mohammadi, L. (2023). “Digital Competence among Young People in Spain: A Gender Divide Analysis”. *Comunicar*. Vol. 31 No. 74, January 2023. 113–123. <https://doi.org/10.3916/C74-2023-09>
- From J. (2017). “Pedagogical Digital Competence—Between Values, Knowledge and Skills”. *Higher Education Studies*. Vol. 7 No. 2, April 2017. 43–50. <https://doi.org/10.5539/hes.v7n2p43>
- George, T. (2023, June 22). “Semi-Structured Interview | Definition, Guide & Examples”. *Scribbr*. Retrieved May 03, 2024, from <https://www.scribbr.com/methodology/semi-structured-interview/>
- Gibbs, G. (2007). *Analyzing Qualitative Data*. Sage Publications Ltd. <https://doi.org/10.4135/9781849208574>
- Harmer, J. (1998). *How to Teach English*. Harlow: Longman.
- Harmer, J. (2003). *The Practice of English Language Teaching (3rd ed., completely rev & updated)*. Longman.
- Harmer, J. (2007). *The Practice of English Language Teaching*. Harlow: Longman.
- Harmer, J. (2015). *The Practice of English Language Teaching*. London: Pearson.
- Hockly, N., Dudeny, G., & Pegrum, M. (2014). *Digital literacies*. In Routledge eBooks. <https://doi.org/10.4324/9781315832913>
- Ilomäki, L., Kantosalo, A., & Lakkala, M. (2011). “What is Digital Competence?” In the *Linked portal*. Brussels: European Schoolnet. <http://linked.eun.org/web/guest/in-depth3>

- Ilomäki, L., Paavola, S., Lakkala, M., & Kantosalo, A. (2016). “Digital Competence – An Emergent Boundary Concept for Policy and Educational Research”. *Education and Information Technologies*. Vol. 21 No. 3, May 2016. 655–679. <https://doi.org/10.1007/s10639-014-9346-4>
- Issa, F. M. (2024). Using Infographics as An Educational Technology Tool in EFL Writing: University of Baghdad Case Study. *Arab World English Journal*, 15(1): 166-181. DOI: <https://dx.doi.org/10.24093/awej/vol15no1.11>
- Kant, I. (1998). *Critique of Pure Reason* (P. Guyer & A. W. Wood, Eds.). Cambridge University Press.
- Krumsvik, R. (ed.) (2007) *Skulen og den digitale læringsrevolusjonen [The School and the Digital Learning Revolution; in Norwegian]*. Oslo: Universitetsforlaget.
- Krumsvik, R. J. (2011). Digital Competence in the Norwegian Teacher Education and Schools. *Högere utbildning*. Vol. 1 No.1, March 2011. 39-51. <https://doi.org/10.23865/hu.v1.874>
- Law, N., Woo, D., De La Torre, J., & Wong, G. (2018). A Global Framework of Reference on Digital Literacy Skills for Indicator 4.4.2. *UNESCO Institute for Statistics*. 51, 146. <https://hub.hku.hk/bitstream/10722/262055/1/Content.pdf>
- Nicole Devoss, D., Eidman Aadahl, E., & Hicks, T. (2010). “Because Digital Writing Matters: Improving Student Writing in Online and Multimedia Environments”. *Choice Reviews Online*. Vol. 48 No. 09, 48–5217. <https://doi.org/10.5860/choice.48-5217>
- Mahmud, M., & Nur, S. (2018). “Exploring Students’ Learning Strategies and Gender Differences in English Language Teaching”. *IJoLE (International Journal of Language Education)*. Vol. 2 No.1, March 2018. 51. <https://doi.org/10.26858/ijole.v2i1.4346>
- Maon, S. N., Hassan, N. M., Yunus, N. M., Jailani, S. F. S. a. K., & Kassim, E. S. (2021). “Gender Differences in Digital Competence among Secondary School Students”. *International Journal of Interactive Mobile Technologies*. Vol. 15 No. 04, February 2021. 73. <https://doi.org/10.3991/ijim.v15i04.20197>
- Masrul, M., & Erliana, S. (2024). An Investigation of Gender Differences and Self-efficacy in Writing Performance among College EFL Learners. *ELP*, 9(1), 103–117. <https://doi.org/10.36665/elp.v9i1.849>

- Nabhan, S., & Sa'diyah, H. (2021). Collaborative Writing Using Google Docs in an EFL Classroom: Voices from High School Students. *VELES (Voices of English Language Education Society)*, 5(2), 156–166. <https://doi.org/10.29408/veles.v5i2.3863>
- Oxford, R. L. (1990). *Language Learning Strategies: What Every Teacher Should Know*. Boston: Heinle and Heinle
- Oxford, R. L. (2003). *Language Learning Styles and Strategies: An Overview*. GALA, 1-25.
- Qizi, K. Z. M. (2023). The Role of Internet Technology in Improving Students' Writing Skills. *American Journal of Philological Sciences*, 03(06), 142–146. <https://doi.org/10.37547/ajps/volume03issue06-23>
- Raja, P., Setiyadi, A. B., & Riyantika, F. (2021). “The Correlation Between Perceptions on the Use of Online Digital Interactive Media and Reading Comprehension Ability”. *International Journal of English Language and Literature Studies*. Vol. 10 No. 4, December 2021. 292–319. <https://doi.org/10.18488/journal.23.2021.104.292.319>
- Raja, R., & Nagasubramani, P. C. (2018). “Impact of Modern Technology in Education”. *Journal of Applied and Advanced Research*. May 2018. S33–S35. <https://doi.org/10.21839/jaar.2018.v3iS1.165>
- Rianto, A. (2021). “Examining Gender Differences in Reading Strategies, Reading Skills, and English Proficiency of EFL University Students”. *Cogent Education*. Vol. 8 No. 1 <https://doi.org/10.1080/2331186x.2021.1993531>
- Safriyani, R., & Anam, S. (2021). “Do Students' Creativity and Reading Ability Influence Their Writing Ability?” *English Focus*. Vol. 5 No. 1. 18–26. doi:10.24905/efj.v5i1.115.
- Sarah-Louise Jones & Richard Procter (2023) “Young Peoples' Perceptions of Digital, Media and Information Literacies Across Europe: Gender Differences, and the Gaps Between Attitudes and Abilities”. *Technology, Pedagogy and Education*. Vol. 32 No. 4, August 2023. 435-456, DOI: <https://doi.org/10.1080/1475939X.2023.2210152>
- Sellars, Wilfrid (1978). The Role of Imagination in Kant's Theory of Experience. In Henry W. Pennsylvania & Johnstone (eds.), *Categories: A Colloquium* [Held by the Philosophy Department of the Pennsylvania State University During the Academic Year 1977-78]. The University. pp. 231-245.

Schacter, D. L., Gilbert, D. T., & Wegner, D. M. (2009). *Psychology (1st ed.)*. Worth Publishers.

UNESCO. (2019). *Digital Kids Asia-Pacific: Insights into Children's Digital Citizenship*. United Nations Educational, Scientific, and Cultural Organization. <https://unesdoc.unesco.org/ark:/48223/pf0000367985>

Widiputera, Ferdi (2021). *Profil Kompetensi Digital Siswa di Indonesia*. Puslitjak, Balitbang & Perbukuan. Kemdikbud

Wild, S., & Heuling, L. S. (2020). "How do the Digital Competences of Students in Vocational Schools Differ From Those of Students in Cooperative Higher Education Institutions in Germany?" *Empirical Research in Vocational Education and Training*. Vol. 12 No. 1, December 2020. 1-18. <https://doi.org/10.1186/s40461-020-00091-y>

Zhao, Y.; Pinto Llorente, A.M.; Sánchez Gómez, M.C.; Zhao, L. (2021). "The Impact of Gender and Years of Teaching Experience on College Teachers' Digital Competence: An Empirical Study on Teachers in Gansu Agricultural University". *Sustainability*. Vol. 13 No. 8, April 2021. 4163. <https://doi.org/10.3390/su13084163>

Zhao, Y.; Sánchez Gómez, M.C.; Pinto Llorente, A.M.; Zhao, L. (2021). "Digital Competence in Higher Education: Students' Perception and Personal Factors". *Sustainability*. Vol. 13 No.21, November 2021. 12184. <https://doi.org/10.3390/su132112184>

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