

## REFERENCES

- Adianingrum, E. K. (2017). Learner Autonomy in Language Learning : English Education Students ' Attitudes. *Conference on Language and Language Teaching*, 473–478. <https://semnas.untidar.ac.id>
- Allo, M. D. G. (2020). Is the online learning good in the midst of Covid-19 Pandemic ? The case of EFL learners. *Jurnal Sinestesia*, 10(1), 1–10.
- Alonazi, S. M. (2017). The Role of Teachers in Promoting Learner Autonomy in Secondary Schools in Saudi Arabia. *English Language Teaching*, 10(7), 183–202. <https://doi.org/10.5539/elt.v10n7p183>
- Andariyani, N., & Nurhajati, D. (2016). The Implementation of Teaching English Based on Curriculum 2013 Applied By an English Teacher of Junior High School. *Journal of English Teaching and Research*, 1(2), 79–87. <https://doi.org/10.29407/jetar.v1i2.480>
- Andrade, M. S. (2014). Course-Embedded Student support for Online English Language Learners. *Open Praxis*, 6(1), 65–73. <https://doi.org/10.5944/openpraxis.6.1.90>
- Ary, D., Jacobs, L. C., Sorensen, C., & Razavieh, A. (2010). Introduction to Research in Education. In *Wadsworth, Cengage Learning* (Vol. 369, Issue 1, p. 688). <https://doi.org/10.1017/CBO9781107415324.004>
- Asyiah, N., & Sunanto, L. (2014). Optimalisasi Penerapan Pendidikan Karakter Pada “Kurikulum 2013” Menggunakan Strategi 3M di Sekolah Dasar. *Mimbar Sekolah Dasar*, 1(2), 161–167.
- Beatrix, M. (2020). Enhancing Innovation By Student Centered Learning (SCL) on Online Learning in Disruptive Era. *Jurnal Kajian, Penelitian Dan Pengembangan Kependidikan*, 11(2), 220–224. <http://journal.ummat.ac.id/index.php/paedagoria>

- Bedir, H. (2019). Pre-service ELT Teachers' Beliefs and Perceptions on 21st Century Learning and Innovation Skills (4Cs). *Journal of Language and Linguistic Studies*, 15(1), 231–246. <https://doi.org/10.17263/jlls.547718>
- Begum, J. (2018). Learner autonomy in efl/esl classrooms in bangladesh: Teachers' perceptions and practices. *International Journal of Language Education*, 2(2), 96–104. <https://doi.org/10.26858/ijole.v2i2.6411>
- Bijami, M., Kashef, S. H., & Nejad, M. S. (2013). Peer Feedback in Learning English Writing: Advantages and Disadvantages. *Journal of Studies in Education*, 3(4), 91–97. <https://doi.org/10.5296/jse.v3i4.4314>
- Boholano, H. B. (2017). Smart Social Networking: 21st Century Teaching and Learning SKills. *Research in Pedagogy*, 7(1), 21–29. <https://doi.org/10.17810/2015.45>
- Bowen, G. A. (2009). Document analysis as a qualitative research method. *Qualitative Research Journal*, 9(2), 27–40. <https://doi.org/10.3316/QRJ0902027>
- Cakici, D. (2015). Autonomy in Language Teaching and Learning Process. *İnönü Üniversitesi Eğitim Fakültesi Dergisi*, 16(1). <https://doi.org/10.17679/iuefd.16168538>
- Creswell, J. W. (2012). *Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research* (4th Editio).
- Damayanti, F. L., & Rachman, N. (2020). The Effectiveness of Online vs Offline Classes for EFL Classroom : A study case in a higher education. *Journal of English Teaching, Applied Linguistics and Literatures (JETALL)*, 3(1), 19–26. <https://doi.org/10.20527/jetall.v3i1.7703>
- Devi, S., Bhat, K. S., Ramya, S. R., Ravichandran, K., & Kanungo, R. (2016). Self - directed Learning to Enhance Active Learning among The 2nd- Year Undergraduate Medical Students in Microbiology : An experimental Study.

*Journal of Current Research in Scientific Medicine* /, 22, 80–83.

<https://doi.org/10.4103/2455-3069.198379>

Dull, I., & Sakshi. (2017). Online Learning. *International Education & Research Journal (IERJ)*, 3(8), 32–24.

Ebadhi, S., & Ghuchi, K. D. (2018). Investigating The Effects Of Blended Learning Approach On Vocabulary Enhancement From EFL Learners' Perspectives. *I-Manager's Journal on English Language Teaching*, 8(2), 57–67.  
<https://doi.org/10.26634/jelt.8.2.13981>

Emaliana, I. (2017). Teacher-centered or Student-centered Learning Approach to Promote Learning ? *Jurnal Sosial Humaniora*, 10(2), 59–70.

Erdogan, V. (2019). Integrating 4C Skills of 21st Century into 4 Language Skills in EFL Classes. *International Journal of Education and Research*, 7(11), 113–124.

Firat, M. (2016). Measuring the e-Learning Autonomy of Distance Education Students. *Open Praxis*, 8(3), 191–201.  
<https://doi.org/10.5944/openpraxis.8.3.310>

Garba, S. A., Byabazaire, Y., & Busthami, A. H. (2015). Toward the Use of 21st Century Teaching- Learning Approaches: The Trend of Development in Malaysian Schools within the Context of Asia Pacific. *International Journal of Emerging Technologies in Learning*, 10(4), 72–79.  
<https://doi.org/10.3991/ijet.v10i4.4717>

Geng, S., Law, K. M. Y., & Niu, B. (2019). Investigating self-directed learning and technology readiness in blending learning environment. *International Journal of Educational Technology in Higher Education*, 16(17).  
<https://doi.org/10.1186/s41239-019-0147-0>

Gharti, L. (2019). Self-Directed Learning for Learner Autonomy : Teachers ' and Students ' Perceptions. *Journal of NELTA Gandaki (JoNG)*, 1(2), 62–73.

<https://doi.org/https://doi.org/10.3126/jong.v1i0.24461>

Häkkinen, P., Järvelä, S., Mäkitalo-Siegl, K., Ahonen, A., Näykki, P., & Valtonen, T. (2016). Preparing Teacher-Students for Twenty-First-Century Learning Practices (PREP 21): A Framework for Enhancing Collaborative Problem-Solving and Strategic Learning Skills. *Teachers and Teaching: Theory and Practice*. <https://doi.org/10.1080/13540602.2016.1203772>

Hamed, W., Masri, A. Al, Smadi, M., & Maharmah, H. (2015). Improving Reading Skills Through Self-directed Strategy Among EFL Students in Jordan. *Global Science Research Journals*, 3(5), 199–205.

<http://www.globalscienceresearchjournals.org/>

Harchegani, M. K., Biria, R., & Nadi, M. A. (2013). The Effectiveness of Self-Directed-Learning Method in Teaching Speaking Skill to Iranian EFL Learners. *International Research Journal of Applied and Basic Sciences*, 7(9), 565–575.

Howard, P. G. (2018). Twenty-First Century Learning as a Radical Re-Thinking of Education in the Service of Life. *Education Sciences*, 8.

<https://doi.org/10.3390/educsci8040189>

Humaira, S. A., & Hurriyah, I. A. (2018). Students ' Perspectives towards Self-Directed Learning out of Classroom. *Advances in Social Science, Education and Humanities Research*, 145(November), 7–11. <https://doi.org/10.2991/iconelt-17.2018.2>

Islam, S., Baharun, H., Muali, C., & Ghufron, M. I. (2018). To Boost Students ' Motivation and Achievement through Blended Learning To Boost Students ' Motivation and Achievement through Blended Learning. *Journal of Physics: Conference Series*. <https://doi.org/10.1088/1742-6596/1114/1/012046>

Jaleel, S., & O., A. (2017). A Study on the Relationship between Self Directed Learning and Achievement in Information Technology of Students at Secondary

- Level. *Universal Journal of Educational Research*, 5(10), 1849–1852.  
<https://doi.org/10.13189/ujer.2017.051024>
- Kabir, S. M. S. (2018). Methods of Data Collection. In *Basic Guidelines for Research* (1st Editio). Book Zone Publication. [https://doi.org/10.5005/jp/books/13075\\_10](https://doi.org/10.5005/jp/books/13075_10)
- Khamraeva, G. I. (2016). Benefits of implementation of pre-, while and post reading activities in language learning. International scientific journal, (4 (1)), 45-46.
- King, F., Goodson, L., & Rohani, F. (2010). Higher Order Thinking Skills • Definition • Teaching Strategies • Assessment. In *Assessment dan Evaluation Educational Service Program*. (p. 177).
- Kivunja, C. (2015). Exploring the Pedagogical Meaning and Implications of the 4Cs “Super Skills” for the 21st Century through Bruner’s 5E Lenses of Knowledge Construction to Improve Pedagogies of the New Learning Paradigm. *Creative Education*, 6(2), 224–239. <https://doi.org/10.4236/ce.2015.62021>
- Knowles, M. S. (1975). *Self-Directed Learning: A Guide for Learners and Teachers*. NY: Association Press. <https://doi.org/10.1016/j.jcrysgro.2011.10.051>
- Koç, S. E. (2019). The Relationship Between Emotional Intelligence, Self-Directed Learning Readiness and Achievement. *International Online Journal of Education and Teaching (IOJET)*, 6(3), 672–688.
- Koh, N. A., Amr Soltani Ar Abshahi, K. A., Ta Moj Ta Hedzadeh, R. I., Abbaszadeh, A., Ebeh A K H Sh A Ni, T. R., & Housein Emami, A. (2017). Barriers of self-directed learning in virtual environment Self-directed learning barriers in a virtual environment: a qualitative study. *J Adv Med Educ Prof*, 5(3), 116.
- Kurdi, F. N. (2009). Penerapan Student Centered Learning dari Teacher Centered Learning Mata Ajar Ilmu Kesehatan pada Program Studi Penjaskes. *Forum Kependidikan*, 28(2), 108–113.
- Laal, M., Laal, M., & Kermanshahi, Z. K. (2012). 21st Century Learning; Learning in

- Collaboration. *Procedia - Social and Behavioral Sciences*, 47, 1696–1701.  
<https://doi.org/10.1016/j.sbspro.2012.06.885>
- Leatemia, L. D., Susilo, A. P., & van Berkel, H. (2016). Self-directed learning readiness of Asian students: students perspective on a hybrid problem based learning curriculum. *International Journal of Medical Education*, 7, 385–392.  
<https://doi.org/10.5116/ijme.582e.021b>
- Leen, C. C., Hong, H., Kwan, F. N. H., & Ying, T. W. (2014). Creative and Critical Thinking in Singapore Schools. In *An Institute of Nanyang Technological University* (2nd ed., Issue 2). National Institute of Education.
- Malison, K. (2018). An Exploratory Study of Self-Directed Learning: The Differences Between It and Non-It Employees In Thailand. *Journal of Entrepreneurship Education*, 21(3), 1–16.  
<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiQn7GP3NXqAhXGUu0KHUeKCx8QFjABegQIAxAB&url=https%3A%2F%2Fwww.abacademies.org%2Farticles%2FAn-exploratory-study-of-self-directed-learning-1528-2651-21-3-209.pdf&usg=AO>
- Medriati, R., & Risdianto, E. (2020). Penerapan Pendekatan Student Centered Learning (Scl) Untuk Meningkatkan Keterampilan Berpikir Kreatif Dan Komunikatif Mahasiswa Pendidikan Fisika Semester III Universitas Bengkulu. *Jurnal Kumparan Fisika*, 3(1), 67–74. <https://doi.org/10.33369/jkf.3.1.67-74>
- Mentz, E., Beer, J. de, & Bailey, R. (2019). *Self-Directed Learning for the 21st Century: Implications for Higher Education* (E. Mentz, J. de Beer, & R. Bailey (eds.)). AOSIS (Pty) Ltd.
- Mohammad, A. (2013). Students ' achievement and attitudes toward using traditional learning , blended learning , and virtual classes learning in teaching and learning at the university level. *Studies in Literature and Language*, 6(1), 65–73.  
<https://doi.org/10.3968/j.sll.1923156320130601.1464>

- Morris, T. H. (2019). Self-directed learning: A fundamental competence in a rapidly changing world. *International Review of Education*, 65(4), 633–653.  
<https://doi.org/10.1007/s11159-019-09793-2>
- Muganga, L., & Ssenkusu, P. (2019). Teacher-Centered vs. Student-Centered. *Cultural and Pedagogical Inquiry*, 11(2), 16–40.  
<https://doi.org/10.18733/cpi29481>
- Muhammedi. (2016). Perubahan Kurikulum Di Indonesia : Studi Kritis Tentang Upaya Menemukan Kurikulum Pendidikan Islam Yang Ideal. *RAUDHAH*, 4(1), 49–70.
- Mulyono, H., & Wekke, I. S. (2018). *Strategi Pembelajaran di Abad Digital* (Adi & Tanti (eds.)). Gawe Buku.
- Ningrum, E. S., & Sobri, A. Y. (2015). Implementasi kurikulum 2013 di sekolah dasar. *MNAJEMEN PENDIDIKAN*, 24(5), 416–423.
- Nurhayati, E. (2017). Penerapan Scaffolding Untuk Pencapaian Kemandirian Belajar Siswa. *Jurnal Penelitian Pendidikan Dan Pengajaran Matematika (JP3M)*, 3(1), 21–26. <http://jurnal.unsil.ac.id/index.php/jp3m/article/download/197/161>
- Nurhidayah, D. A. (2015). Peningkatan Aktivitas Belajar Siswa Melalui Pembelajaran Kooperatif Tipe Group Investigasi Pada Materi Geometri. *Jurnal Dimensi Pendidikan Dan Pembelajaran*, 3(2), 43–50.  
<http://journal.ummat.ac.id/index.php/paedagoria>
- Nurjannah, I., Husniyah, F., & Harjanto, T. (2017). Teacher-Centered Learning and Student-Centered Learning Approaches in Nursing School: Which One Is Better? *Belitung Nursing Journal*, 3(2), 65–72. <https://doi.org/10.33546/bnj.59>
- Pande, D., Wadhai, V. M., & Thakare, V. M. (2016). E-Learning System and Higher Education. *International Journal of Computer Science and Mobile Computing*, 5(2), 274–280. [www.ijcsmc.com%0AInternational](http://www.ijcsmc.com%0AInternational)

- Puspitasari, E., Pratolo, B. W., & Mahfiana, A. M. I. (2020). Teacher ' s Belief about the Implementation of Curriculum 2013 in English Language Teacher ' s Belief about the Implementation of Curriculum 2013 in English Language. *Ethical Lingua*, 7(1), 101–111. <https://doi.org/10.30605/25409190.171>
- Rahman, A., & Bahar, S. (2019). Kesiapan Sekolah dalam Mengimplementasikan Kurikulum 2013: Studi Deskriptif di Kecamatan Palu Barat dan Palu Timur Kota Palu Abdul. *Jurnal Inspirasi Pendidikan*, 9(2), 110–116.  
<http://ejournal.unikama.ac.id/index.php/jrnspirasi/article/view/3011>
- Ramani, B. V. (2013). Self Directed Learning and Other Learning Strategies to Learn English Language. *IOSR Journal Of Humanities And Social Science (IOSR-JHSS)*, 13(5), 58–60. <https://doi.org/10.9790/0837-1355860>
- Ramdhani, M. A. (2014). Perbandingan Strategi Pembelajaran Teacher Centered Learning Dengan Student Centered Learning Terhadap Hasil Belajar Pada Mata Pelajaran Tarikh Siswa Kelas Viii Smp Muhammadiyah 4 Surakarta. *2014*, 1, 18.
- Redhana, I. W. (2019). MENGEMBANGKAN KETERAMPILAN ABAD KE-21 DALAM PEMBELAJARAN KIMIA I. *Jurnal Inovasi Pendidikan Kimia*, 13(1), 2239–2253.
- Rifin, F., Awang, M. M., Ahmad, A. R., & Che, S. (2019). Issues and Challenges in 21 st Century Learning of History Education. *Social Sciences, Education and Hymanities (GCSSEH)*, 2, 59–63.  
<https://doi.org/https://doi.org/10.32698/GCS.0171>
- Salkhanova, Z. H., Lee, V. S., Tumanova, A. B., & Zhusanbaeva, A. T. (2016). The subject-object approach as a direction of the learning theory in the context of modern linguistic education paradigms. *International Journal of Environmental and Science Education*, 11(10), 3730–3745.

- Salleh, U. K. M., Zulnaidi, H., Rahim, S. S. A., Zakaria, A. R. Bin, & Hidayat, R. (2019). Roles of Self-Directed Learning and Social Networking Sites in Lifelong Learning. *International Journal of Instruction*, 12(4), 167–182. [www.e-iji.net](http://www.e-iji.net)
- Sangsawang, T. (2020). An Instructional Design for Online Learning in Vocational Education according to a Self-Regulated Learning Framework for Problem Solving during the CoViD-19 Crisis Thosporn. *Indonesian Journal of Science and Technology*, 5(2), 283–298. <https://doi.org/10.17509/ijost.v5i2.24702>
- Sarjono, S. (2020). Penerapan supervisi akademik pengawas guna meningkatkan keterampilan guru dalam melaksanakan program BDR (Belajar Dari Rumah) selama masa pandemi covid-19 di Dabin 1 KORWILCAM bidang pendidikan kecamatan Sumowono. *WASPADA (Jurnal Wawasan Pengembangan Pendidikan)*, 8(2), 54–60.  
<http://www.ejournal.undaris.ac.id/index.php/waspada/article/view/174>
- Sipayung, D. H., Bunawan, H., Sani, R. A., & Rahmatsyah. (2018). Collaborative Inquiry For 4C Skills. In *3rd Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL 2018)*, 200, 440–445.
- Son, B. (2016). Innovative collaborative learning strategies for integrated interactive E-learning in the 21st century. Proceedings of the 13th International Conference on Cognition and Exploratory Learning in the Digital Age, CELDA 2016, Celda, 315–318.
- Sugiyono. (2015). *Metode Penelitian Pendidikan (Pendekatan Kuantitatif, Kualitatif, dan R&B)* (22nd ed.). Alfabeta.
- Sukardi, S., & Rozi, F. (2019). Pengaruh Model Pembelajaran Online Dilengkapi Dengan Tutorial Terhadap Hasil Belajar. *JIPI (Jurnal Ilmiah Penelitian Dan Pembelajaran Informatika)*, 4(2), 97–102.  
<https://doi.org/10.29100/jipi.v4i2.1066>

- Sulistyaningrum, H., Winata, A., & Cacik, S. (2019). Analisis Kemampuan Awal 21st Century Skills Mahasiswa Calon Guru SD. *Jurnal Pendidikan Dasar Nusantara*, 5(1), 142. <https://doi.org/10.29407/jpdn.v5i1.13068>
- Susilawati, Anriani, N., & Hendrayana, A. (2018). Pengembangan Bahan Ajar Berbasis Kompetensi Abad 21 Untuk Guru Matematika (SMP/MTs) Pada Materi Peluang. *Prosiding Seminar Dan Diskusi Nasional Pendidikan Dasar*, 529–533. <http://www.jurnal.unsyiah.ac.id/JIPI/article/download/10741/9123>
- Swandhana, K., Churiyah, M., & Juariyah, L. (2016). Meningkatkan Kemandirian Belajar dan Hasil Belajar Siswa melalui Pengembangan Modul Administrasi Kepegawaian Berbasis Strategi Pembelajaran Inkuiiri Terbimbing. *Jurnal Pendidikan Bisnis Dan Manajemen*, 2(3), 161–169.
- Tan, L., & Ling, J. K. H. (2014). *Self-Directed Learning : Learning in the 21st Century* (Issue December). Singapore Ministry of Education.
- Thu Ba, H. (2018). Using the Internet to Promote Business Learners' Autonomy in Vietnam. *International Journal of Education and Literacy Studies*, 6(3), 1. <https://doi.org/10.7575/aiac.ijels.v.6n.3p.1>
- Timpau, C. (2015). Importance of Self-Directed Learning. *Lumen Research Center in Social and Humanistic Sciences*, 4(1), 37–49. <http://lumenjournals.com/social-sciences/%0APublished>
- Tjakradidjaja, F. A., Prabandari, Y. S., Prihatiningsih, T. S., & Harsono. (2016). The Role of Teacher in Medical Student Self-Directed Learning Process. *Journal of Education and Learning (EduLearn)*, 10(1), 78–84.
- Turan, M. B., & Koc, K. (2018). *The Impact of Self-Directed Learning Readiness on Critical Thinking and Self-Efficacy among the Students of the School of Physical Education and Sports*. 7(6), 98–105. <https://doi.org/10.5430/ijhe.v7n6p98>
- Van Woezik, T., Reuzel, R., Koksmma, J., & Serpa, S. (2019). Exploring Open Space:

- A self-directed learning approach for higher education. *Cogent Education*, 6(1), 1–22. <https://doi.org/10.1080/2331186X.2019.1615766>
- Wilkinson, D., & Birmingham, A. P. (2003). *Using Research Instruments A Guide for Researcher* (First Edit). Taylor & Francis Group.
- Xu, W. (2013). A New Interactive Method to Distance English Learning in Conceptual Age. *Open Praxis*, 5(4), 335–344. <https://doi.org/10.5944/openpraxis.5.4.94>
- Yen, S. C., Lo, Y., Lee, A., & Enriquez, J. M. (2018). Learning online, offline, and in-between: comparing student academic outcomes and course satisfaction in face-to-face, online, and blended teaching modalities. *Education and Information Technologies*, 23(5), 2141–2153. <https://doi.org/10.1007/s10639-018-9707-5>
- Yu, T. X., & Wan Mohammad, W. M. R. (2019). Integration of 21st Century Learning Skills (4C Elements) in Interventions to Improve English Writing Skill Among 3K Class Students. *International Journal of Contemporary Education*, 2(2), 100. <https://doi.org/10.11114/ijce.v2i2.4498>
- Zulaihah, S., & Harida, R. (2017). Autonomous Learning Strategy of the Successful Nontraditional Students. *ELTIN JOURNAL, Journal of English Language Teaching in Indonesia*, 5(2), 71. <https://doi.org/10.22460/eltin.v5i2.p71-84>