

DAFTAR PUSTAKA

- Ada(2018), Using Design-Based Research to Develop a Mobile Learning Framework for Assessment Feedback, Research and Practice in Technology Enhanced Learning, DOI: 10.1186/s41039-018-0070-3
- Adnas, D. A. (2022). Perancangan dan Pengembangan Jalur Pembelajaran pada E-Learning Menggunakan Micro-Learning. *Journal of Information System and Technology*, 3 (3), 20. <https://doi.org/10.37253/joint.v3i3.7293>
- Altowairiki, N. (2021). Online *Collaborative Learning*: Analyzing the Process through Living the Experience. *International Journal of Technology in Education*, 413–427. <https://doi.org/10.46328/ijte.95>
- Anderson, T. (2008). *The Theory and Practice of Online Learning*.
- AP Benny. (2019). Pengertian dan Prinsip-prinsip Pengembangan Bahan Ajar. *Pengembangan Bahan Ajar*, 1–45.
- Ayu, D., Kartika, I., Nurkhamidah, N., & Santosa, I. (2022). Construction of EFL Learning Object Materials for Senior High School. *Jurnal Ilmu Sosial Dan Pendidikan (JISIP)*, 6 (4), 2598–9944. <https://doi.org/10.36312/jisip.v6i4.3691/http>
- Barkley, 2014, <https://www.perlego.com/book/999446/collaborative-learning-techniques-a-handbook-for-college-faculty>
- Baumgartner, P., Roth, M., Bruck, P. A., Sedlacek, M., & Innsbruck, ? □ ? (2017b). Educational Dimensions of *Microlearning* -Towards a Taxonomy for *Microlearning* .
- Benny A Pribadi. (2019). Pengertian dan Prinsip-prinsip Pengembangan Bahan Ajar. *Pengembangan Bahan Ajar*, 1–45.
- Berge, Z. L. (2018). *Microlearning*: Knowledge management applications and competency-based training in the workplace.
- Besemer (1981). Analysis of Creative Products: Review and Synthesis. <https://doi.org/10.1002/j.2162-6057.1981.tb00287.x>
- Capaian fase F, Kemdikbud, 2022
<https://guru.kemdikbud.go.id/kurikulum/referensi-penerapan/capaian-pembelajaran/smk/projek-kreatif-dan-kewirausahaan/fase-f/>
- Carla Torgerson. (2020). Designing *Microlearning* (What Works in Talent Development), Carla Torgerson, MEd, MBA, 2020.
- Darmayasa, J. B., Aras, I., Amiruddin, A., & Kurniawan, B. (2022). MATAPPA □ : Jurnal Pengabdian Kepada Masyarakat Pengembangan Microcontent Untuk

Pembelajaran Muhammadiyah Boarding School Daarul Ilmi Tarakan
Matematika Pada. 5 (c), 246–253.

Dick Walter, C. L. C. J. (2015). *The Systematic Design of Instruction*.

Dittenberger,(2023), *Teaching Research in Design*, transcript Verlag, Bielefeld,
ISSN of series: 2702-8801

Dolasinski, M. J., & Reynolds, J. (2020b). *Microlearning: A New Learning Model*.
Journal of Hospitality and Tourism Research, 44 (3), 551–561.
<https://doi.org/10.1177/1096348020901579>

Donald W. Boyd, (2000), *Systems Analysis and Modeling, A Macro-to-Micro Approach with Multidisciplinary Applications*, Academic Press, eBook ISBN: 9780080518398

Dwiyanti, G., & Nahadi. (2011). *RPP, Pengembangan Indikator, dan Tujuan Pembelajaran*. Bandung: Universitas Pendidikan Indonesia, 1–4.

ERIC Digest. (1998). ED422586 1998-00-00 Enhancing Student Thinking through
Collaborative Learning. ERIC Digest. www.eric.ed.gov

Faryadi, Q. (2007). *Instructional Design Models: What a Revolution!*. Online
Submission, 2007, 1–18.

Fink, M. C., Radkowsch, A., Bauer, E., Sailer, M., Kiesewetter, J., Schmidmaier, R., Siebeck, M., Fischer, F., & Fischer, M. R. (2021). Simulation research and design: a dual-level framework for multi-project research programs. In *Educational Technology Research and Development* (Vol. 69, Issue 2). Springer US. <https://doi.org/10.1007/s11423-020-09876-0>

Garshasbi, S., Yecies, B., & Shen, J. (2021). *Microlearning and computer-supported collaborative learning: An agenda towards a comprehensive online learning system*.

Grévisse, C., Rothkugel, S., & Reuter, R. A. P. (2019). Scaffolding support through integration of learning material. *Smart Learning Environments*, 6 (1). <https://doi.org/10.1186/s40561-019-0107-0>

Gustafson, B. (2001). Survey of instructional development models, third edition. In *TechTrends* (Vol. 45, Issue 1, pp. 48–50). <https://doi.org/10.1007/bf02763388>

Haleem, A., Javaid, M., Qadri, M. A., & Suman, R. (2022). Understanding the role of digital technologies in education: A review. *Sustainable Operations and Computers*, 3, 275–285. <https://doi.org/10.1016/j.susoc.2022.05.004>

Hamzah B Uno. (2007). *Model Pembelajaran Menciptakan Proses Belajar Mengajar yang Kreatif dan Efektif*.

- Hanshaw, G. O., & Hanson, J. (2019). Using *Microlearning* and Social Learning to Improve Teachers' Instructional Design Skills: A Mixed Methods Study of Technology Integration in Teacher Professional Development. *International Journal of Learning and Development*, 9 (1), 145. <https://doi.org/10.5296/ijld.v9i1.13713>
- Hammersley, Martyn(2022). *Educational Research, Policymaking and Practice*. SAGE Publications Ltd. ISBN : 9781847876454
- Herdian, I., Dewanti, R., & Sulistyaningrum, S. D. (2023). An English Writing Materials Analysis Through *Microlearning* Skill Views. *International Journal of Educational Research & Social Sciences*, 4 (3), 472–478.
- Hug, T. (2005). Micro Learning and Narration Exploring possibilities of utilization of narrations and storytelling for the designing of “micro units” and didactical micro-learning arrangements. <http://homepage.uibk.ac.at/~c60357/>
- Iskandar, R., & F, F. (2020). Implementasi Model ASSURE untuk Mengembangkan Desain Pembelajaran di Sekolah Dasar. *Jurnal Basicedu*, 4 (4), 1052–1065. <https://doi.org/10.31004/basicedu.v4i4.468>
- Jahnke, I., Lee, Y. M., Pham, M., He, H., & Austin, L. (2020). Unpacking the Inherent Design Principles of *Mobile microlearning*. *Technology, Knowledge and Learning*, 25 (3), 585–619. <https://doi.org/10.1007/s10758-019-09413-w>
- Jung, H., Kim, Y. R., Lee, H., & Shin, Y. (2019). Advanced instructional design for successive E-learning: Based on the successive approximation model (SAM). *International Journal on E-Learning: Corporate, Government, Healthcare, and Higher Education*, 18 (2), 191–204.
- Kapp, K. M., & Defelice, R. A. (2019). *Microlearning: Short and Sweet*. www.td.org/books
- Khotimah, P. C., Kantun, S., & Widodo, J. (2020). Pengaruh Hasil Belajar Mata Pelajaran Projek kreatif dan kewirausahaan Terhadap Minat Berwirausaha Siswa Di SMK Negeri 7 Jember (Studi Kasus Pada Kelas *Jurnal Pendidikan Ekonomi: Jurnal Ilmiah Ilmu Pendidikan, Ilmu Ekonomi, Dan Ilmu Sosial*, 14 (2), 357–360. <https://doi.org/10.19184/jpe.v14i2.16522>
- Kohnke, L. (2020). Exploring learner perception, experience and motivation of using a *mobile* app in L2 vocabulary acquisition. *International Journal of Computer-Assisted Language Learning and Teaching*, 10 (1), 15–26. <https://doi.org/10.4018/IJCALLT.2020010102>
- Lee, Y. M., Jahnke, I., & Austin, L. (2021). *Mobile microlearning* design and effects on learning efficacy and learner experience. *Educational Technology*

Research and Development, 69 (2), 885–915.
<https://doi.org/10.1007/s11423-020-09931-w>

Li, S., Singh, K., Riedel, N., Yu, F., & Jahnke, I. (2022). Digital learning experience design and research of a self-paced online course for risk-based inspection of food imports. In Food Control (Vol. 135).
<https://doi.org/10.1016/j.foodcont.2021.108698>

Lin, T.-Y., Yang, C.-C., & Huang, B.-R. (2023). Going Beyond Language Learning: A *Microlearning* Instructional Design to Promote EFL Learners' Collaboration Competency. International Journal of Emerging Technologies in Learning (IJET), 18 (12), 224–251.
<https://doi.org/10.3991/ijet.v18i12.38443>

Lukum, A. (2019). Pendidikan 4.0 Di Era Ggenerasi Z: Tantangan Dan Solusinya. Pros.Semnas KPK, 2, 13.

Martin Tessmer, 2013, <https://www.perlego.com/book/1626471/planning-and-conducting-formative-evaluations>

McKenney & Reeves, 2018, <https://www.perlego.com/book/1506747/conducting-educational-design-research-pdf>

McKenney, S., & Reeves, T. C. (2014). Educational design research. In Handbook of Research on Educational Communications and Technology: Fourth Edition (pp. 131–140). Springer New York. https://doi.org/10.1007/978-1-4614-3185-5_11

Mechwafanitiara Cantika, V., Khaerunnisa, L., & Yustikarini, R. (2022). Curricula: Journal of Curriculum Development Merdeka Curriculum implementation at Wonoayu 1 Junior High School as Sekolah Penggerak. Curricula: Journal of Curriculum Development, 1 (2), 175–188.
<https://doi.org/10.17509/curricula.v2i1.53568>

Meltzer (2002), The relationship between mathematics preparation and conceptual learning gains in physics: A possible „hidden variable“ in diagnostic pretest scores. <https://doi.org/10.1119/1.1514215>

Miles & Huberman, 1997 https://www.nsf.gov/pubs/1997/nsf97153/chap_4.htm
Mu, H., Citraning, R., & Mukaromah, S. (2023). Peningkatan Keterampilan Kolaborasi Siswa dengan Metode TTS (Tutor Teman Sebaya) pada Mata Pelajaran Biologi. 1 (1), 69–72.

Muluki (2020), Analisis Kualitas Butir Tes Semester Ganjil Mata Pelajaran IPA Kelas IV Mi Radhiatul Adawiyah, ISSN 2549-6174

Nurpandi, F., Langi, A. Z. R., & Bandung, Y. (2013). Using instructional design model to implement open lesson with lesson study approach for online teacher community. Proceedings of the 2013 Joint International Conference on Rural Information and Communication Technology and Electric-Vehicle

Technology, RICT and ICEV-T 2013, November.
<https://doi.org/10.1109/rICT-ICeVT.2013.6741562>

Nurwahidah, N., Samsuri, T., Mirawati, B., & Indriati, I. (2021). Meningkatkan Keterampilan Kolaborasi Siswa Menggunakan Lembar Kerja Siswa Berbasis Saintifik. *Reflection Journal*, 1 (2), 70–76.
<https://doi.org/10.36312/rj.v1i2.556>

Panduan https://www.dapodik.co.id/2022/07/panduan-pembelajaran-penilaian-proyek_096825933.html

Pannen. (2004). Pendidikan Tinggi Jarak Jauh. In Pusat Penerbitan Universitas Terbuka.

Peraturan Direktur Jenderal Dikdasmen No. 464/D.D5/KR2018. (2018). Peraturan Direktur Jenderal Dikdasmen No. 464/D.D5/KR2018.

Permendikbudristek Nomor 13 Tahun 2022. (2022). PERMENDIKBUDRISTEK NOMOR 13 TAHUN 2022.

Plomp, Tj. (Tjeerd), & Nieveen, N. M. (2010). An introduction to educational design research □ : proceedings of the seminar conducted at the East China Normal University, Shanghai (PR China), November 23-26, 2007. SLO.

Rafli, M. A., & Adri, M. (2022). Pengembangan Micro-Learning pada Mata Kuliah Kewirausahaan di Universitas Negeri Padang Berbasis Media.

Riyan Rizaldi, D., & Fatimah, Z. (2022). Merdeka Curriculum: Characteristics and Potential in Education Recovery after the COVID-19 Pandemic conditions of the Creative Commons Attribution license (CC BY-NC-ND) (<http://creativecommons.org/licenses/by-nc-nd/4.0/>). In *International Journal of Curriculum and Instruction* (Vol. 15, Issue 1).
<https://orcid.org/0000-0000-0000-0000>

Robles(2023), Design of a Micro-learning Framework and Mobile Application Using Design-Based Research, *PeerJ Computer Science*, DOI: 10.7717/peerj-cs.1223

Romero-Rodríguez, J. M., Ramirez-Montoya, M. S., Glasserman-Morales, L. D., & Ramos Navas-Parejo, M. (2023). *Collaborative* online international learning between Spain and Mexico: a *microlearning* experience to enhance creativity in complexity. *Education and Training*, 65 (2), 340–354.
<https://doi.org/10.1108/ET-07-2022-0259>

Rusdi, M. (2018). Desain Dan Pengembangan Pendidikan. 1 (November).

Sakitri, G. (2021). Selamat Datang Gen Z , Sang Penggerak Inovasi. *Forum Manajemen Prasetiya Mulya*, 35 (2), 1–10.

- Sankaranarayanan, R., Leung, J., Abramenska-Lachheb, V., Seo, G., & Lachheb, A. (2022). *Microlearning* in Diverse Contexts: A Bibliometric Analysis. TechTrends. <https://doi.org/10.1007/s11528-022-00794-x>
- Shaw, Ian(2018). Research and the Social Work Picture, Policy Press, ISBN : 97814447338925
- Shofiyah, N., Wulandari, F. E., & Mauliana, M. I. (2022). Collaboration Skills: Its Relationship with Cognitive Learning Outcomes in STEM Learning. *Procedia of Social Sciences and Humanities*, 3 (c), 1231–1236. <https://pssh.umsida.ac.id/index.php/pssh/article/view/268>
- Starčič, A. I., & Lebeničnik, M. (2020). Investigation of university students' perceptions of their educators as role models and designers of digitalized curricula. *HumanTechnology*, 16 (1), 55–91. <https://doi.org/10.17011/ht/urn.202002242163>
- SUCI FRISNOIRY et al. (2023). Development of *Microlearning* Object on High School Geometry Materials. *Russian Law Journal*, 11 (3), 2363–2371. <https://doi.org/10.52783/rj.v11i3.2094>
- Sumarno et al (2023). The Comparison Analysis of Teacher's Learning Effectiveness in Realizing Entrepreneurship Skills of Students, 16 (2), e-ISSN: 1308-1470, <https://doi.org/10.29333/iji.2023.16236a>
- Truong, M., Elen, J., & Clarebout, G. (2019). Implementing Merrill "S First Principles of Instruction" : Practice. *Journal of Educational and Instructional Studies in the World*, 9 (2), 14–28.
- Tuimur, H. N., & Chemwei, B. (2015). Availability and Use of Instructional Materials in the Teaching of Conflict and Conflict Resolution in Primary Schools in Nandi North District, Kenya. *International Journal of Education and Practice*, 3 (6), 224–234. <https://doi.org/10.18488/journal.61/2015.3.6./61.6.224.234>
- Undang Undang Republik Indonesia Nomor 18 tahun 2002. (2002). UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 18 TAHUN 2002 TENTANG.
- Valamis. (2020). THE DEFINITIVE GUIDE TO *MICROLEARNING* The what, why, and how-to guide to leveraging *microlearning* .
- Vali, I. (2023). The Impact of Technology on *Collaborative* Learning. *Proceedings of the 9th International Conference Education Facing Contemporary World Issues (Edu World 2022)*, 3-4 June, 2022, University of Pitești, Pitești, Romania, 5, 126–141. <https://doi.org/10.15405/epes.23045.13>

- Wang, X. (2019). Innovation of College English Teaching Model Based on *Mobile Micro-learning Technology*. 2, 176–182.
<https://doi.org/10.25236/FER.033026>
- Wingate(2015), *Project Managementfor Research and Development Guiding Innovation for Positive R&D Outcomes*, PressTaylor & Francis Group, 978-1-4665-9630-6 (eBook - PDF)
- Yao, R., Zhang, G., Wang, Y., & Bie, R. (2022). Design of Teaching Material Evaluation Incentive Mechanism based on Game Theory. *Procedia Computer Science*, 202, 47–54.
<https://doi.org/10.1016/j.procs.2022.04.007>
- Yuniarsih Tjutju. (2022). *Analysis of Microlearning -Based Learning Media Needs: A Retrospective Study at Vocational High School*.

