

DAFTAR PUSTAKA

- Abungu, H.E., Okere, M.I.O., & Wachanga, S.M. (2014). The Effect of Science Process Skills Teaching Approach on Secondary School Students' Achievement in Chemistry in Nyando District, Kenya. *Journal of Educational and Social Research*, 4 (6).
- Adekoya, Y.M., & Olatoye. (2011). Effect of demonstration, peer-tutoring, and lecture teaching strategies on senior secondary school students' achievement in an aspect of agricultural science. *The Pacific Journal Of Science And Technology*, 12 (1).
- Aldous, C.M. (2005). *University Level Genetics Sstudents' Competencies in Selected Science Process Skills*. Thesis Faculty of Natural and Agricultural Sciences. Department of Genetics. University of Petoria, South Africa: tidak dipublikasikan.
- Alismail, H. A., & McGuire, P. (2015). 21st Century Standards and Curriculum: Current Research and Practice. *Journal of Education and Practice* www.iiste.org ISSN 2222-1735 (Paper) ISSN 2222-288X (Online), 6 (6).
- Ango, L.M. (2002). "Mastery of Science Process Skills and Their Effective Use in The Teaching of Science: An Educology of Science Education in the Nigerian Context." *Internasional Journal of Educology*, 16 (1). [Online]. Tersedia: http://www.era-usa.net/images/011-IJE_2002V16_N1_Ango_Mary_Mastery_of_Science.pdf [diakses 11 Juli 2017]
- Arikunto, S. (2011). *Prosedur Penelitian, Satuan Pendekatan dan Praktek*. Jakarta: Rineka Cipta.
- Arikunto, S. (2012). *Dasar-Dasar Evaluasi Pendidikan Edisi 2*. Jakarta : Bumi Aksara.
- Arsyad, A. (2010). *Media Pembelajaran*. Jakarta: PT. Raja Grafindo Persada.
- Ash, D. (2000). *The Process Skill of Inquiry*. Foundation, Edisi Agustus.
- Behera, A.K. (2013). M-Learning: A New Learning Paradigm. *International Journal on New Trends in Education and Their Implications*, 4 (2).
- Byrom, E., & Bingham, M. (2001). *Factors Influencing The Effective Use of Technology in Teaching and Learning*. Retrieved from the SouthEast Initiatives Regional Technology in Education Consortium. [Online]. Tersedia: <http://www.seirtec.org/publications/lessons.pdf> [diakses 15 Juli 2017]
- Cain, S.E., & Evans, J. M. (1990). *Sciencing, An Involvement Approach to Elementary Science Methods*. Columbus: Merrill Publishing Company.

- Carin, A.A., & Sund, R.B. (1989). *Teaching Science Through Discovery*. Columbus: Merrill Publishing Company.
- Dahar, R.W. (1985). *Kesiapan Guru Mengajar Sains di Sekolah Dasar Ditinjau dari Segi Pengembangan Keterampilan Proses Sains*. Disertasi Doktor FPS IKIP Bandung: tidak diterbitkan.
- Daryanto. (2008). *Evaluasi Pendidikan*. Jakarta: Rineka Cipta.
- Daryanto. (2011). *Media Pembelajaran*. Bandung: Nurani Sejahtera.
- Dimiyati dan Mujiono. (2009). *Belajar dan Pembelajaran*. Jakarta: Rineka Cipta
- Djamarah, S.B. (2002). *Psikologi Belajar*. Jakarta: Rineka Cipta.
- Gronlund, N.F. (1985). *Menyusun Tes Hasil Belajar*. (terjemahan dari. Constructing Achievement Tes). Semarang: IKIP.
- Hamdani. (2011). *Strategi Belajar Mengajar*. Bandung: CV. Pustaka Setia.
- Hanafi, H.F., dan Samsudin, K. (2012). Mobile Learning Environment System (MLES): The Case of Android-based Learning Application on Undergraduates' Learning. *International Journal of Advanced Computer Science and Application*, 3 (3).
- Harrison, C., Lunzer, E. A., Tymmsw, P., Carol Taylor, F.-G., & Restorick, J. (2004). Use of ICT and its relationship with performance in examinations: A comparison of the ImpaCT2 project's research findings using pupil-level, school-level and multilevel modeling data. *Computer-Assisted Learning*, 20 (5).
- Hartanto, W. (2016). Penggunaan e-learning sebagai media pembelajaran. *JURNAL PENDIDIKAN EKONOMI: Jurnal Ilmiah Ilmu Pendidikan, Ilmu Ekonomi dan Ilmu Sosial*. 10 (1).
- Houston, W.B., et al. (1988). *Touch the Future: Teach*. New York: West Publishing Company.
- Jack, G.U. (2013). The influence of identified student and school variables on student science process skill acquisition. *Journal of Education and Practice*, 4 (5).
- Jihad, A., dan Haris, A. (2008). *Evaluasi Pembelajaran*. Yogyakarta: Multi Pressindo.
- Lambert, J., & Cuper, P. (2008). Multimedia technologies and familiar spaces: 21st-century teaching for 21st-century learners. *Contemporary Issues in Technology and Teacher Education*, 8 (3).

- Lim, C.-P., Zhao, Y., Tondeur, J., Chai, C.-S., & Tsai, C.-C. (2013). Bridging the Gap: Technology Trends and Use of Technology in Schools. *Educational Technology & Society*, 16 (2).
- Lumbantobing, R. (2004). Comparative study in process skill in elementary school and textbook between Indonesia and Japan, *Journal of Hiroshima University*, 53 (-).
- Majid, A. (2009). *Perencanaan Pembelajaran*. Bandung: PT. Remaja Rosda Karya.
- Majid, A. (2012). *Mobile Learning*. Makalah. Bandung: Universitas Pendidikan Indonesia.
- Marhaeni, AAIN. (2005). *Determinasi Beberapa Faktor Afektif yang Mempengaruhi Keberhasilan Belajar Mahasiswa Jurusan Pendidikan Bahasa Inggris Universitas Pendidikan Ganesha*. [Online]. Tersedia: <http://pasca.undiksha.ac.id/> [diakses 15 Juli 2017]
- Meltzer, D.E. (2002). *The Relationship Between Mathematic Preparation and Conceptual Learning Grains in Physics: A possible "Hidden Variable" in Diagnostice Pretest Score*. American Hournal Physics.
- Mulyasa, A. (2002). *Manajemen Berbasis Sekolah, Konsep Strategi dan Implementasi*. Bandung: PT. Remaja Rosdakarya.
- North Central Regional Educational Laboratory & the Metiri Group. (2003). *enGuage 21st century skills: Literacy in the digital age*. Naperville, IL: Author.
- Nuraeni, E. (2015). *The Role of Peer Tutor in Plant Anatomy Course for Enhancing Student Quantitative Literacy*. Yogyakarta: International Conference on Educational Research and Innovation.
- Padila, M. (1990). *The Sains Process Skills*. [Online]. Tersedia: <http://www.narst.org/publications/research/skill.cfm> [diakses 14 Juli 2017]
- Partnership for 21st Century Skills. (2008). *21st century skills, education & competitiveness: a resouce and policy guide*. Tucson, AZ.
- Permendikbud No 20. Tahun 2016. (2016). *Standar Kompetensi Lulusan*. Jakarta: Kemendikbud.
- Prasasti, T., dan Irawan, P. (2005). *Media Sederhana*. Direktorat Jenderal Pendidikan Tinggi Departemen Pendidikan Nasional.
- Purwanto, N. (2003). *Psikologi Pendidikan*. Bandung: PT. Remaja Rosda Karya.

- Rohani, A. (2010). *Pengelolaan Pembelajaran*. Jakarta: PT Rineka Cipta.
- Rustaman, A. (2005). *Pengembangan Kompetensi (Pengetahuan, keterampilan, Sikap, dan Nilai) Melalui Kegiatan Praktikum Biologi*. Bandung: Penelitian Jurusan Pendidikan Biologi FPMIPA UPI Bandung.
- Rustaman, N., Dirdjosoemarto, S., Yudianto, S.A., Achmad, Y., Subekti, R., Rochintawati, D., & Nurjhani, M. (2005). *Strategi Belajar Mengajar Biologi*. Malang: UM Press.
- Sadiman, S.A. (2009). *Media Pendidikan*. Jakarta: Rajawali Press.
- Sanjaya, W. (2006). *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan*. Jakarta: Prenada.
- Santyasa, W.I. (2007). *Metodologi Penelitian Tindakan Kelas*. Singaraja: Universitas Pendidikan Ganesha.
- Sastrawijaya, A.T. (2009). *Pencemaran Lingkungan*. Jakarta: Rineka Cipta.
- Semiawan, C. (1992). *Pendekatan Keterampilan Proses*. Jakarta: Gramedia Widisarana Indonesia.
- Shelly C., dan Velmaart. (2011). *Discovering computers “Menjelajah dunia komputer” Fundamental 3rd Edition*. Salemba: Infotek.
- Sudjana, N. (2009). *Penilaian Hasil Proses Belajar Mengajar*. Bandung: PT. Rosda Karya.
- Sugihartono, dkk. (2007). *Psikologi Pendidikan*. Yogyakarta: UNY Press.
- Sugiyono. (2014). *Metode Penelitian Kuantitatif, Kualitatif dan R & D*. Bandung: Alfabeta.
- Sunu, P. (2001). *Melindungi Lingkungan dengan Menerapkan ISO 14001*. Jakarta: PT. Grasindo.
- Sutrisno, E. (2012). *Manajemen Sumber Daya Manusia*. Jakarta: Kencana.
- Tamhane, K.D., Khan W.T., Tribhuwan S.R., Burke A.P., Take S.B. (2015). Mobile learning application. *International Journal of Scientific and Research Publications*, 5 (3).
- Tim Pengembang Pendidikan FIP UPI. (2007). *Ilmu dan Aplikasi Pendidikan*. Bandung: Grasindo Intima.
- Traxler, J. (2009). Learning in a Mobile Age. *International Journal of Mobile and Blended Learning*, 1 (1).

- Trilling, B., & Fadel, C. (2009). *21st Century Learning Skills*. San Francisco, CA: John Wiley & Sons.
- Vucetic, Z., & Odadzic, B. (2010). Mobile school service. *Internation Journal of Interactive Mobile Technologies*, 4 (2).
- Winkel. (2009). *Psikologi Pengajaran*. Yogyakarta: Media Abadi.
- Yu, F.A. (2012). *Mobile/Smart Phone Use in Higher Education*. Arkansas: University of Central Arkansas.
- Yuniati, L. (2011). Pengembangan pembelajaran mobile learning efek Doppler sebagai alat bantu dalam pembelajaran fisika yang menyenangkan. *JP2F*, 2 (2).
- Yuswanti. (2014). Penggunaan media gambar untuk meningkatkan hasil belajar siswa pada pembelajaran IPS di Kelas IV SD PT. Lestari tani teladan (LTT) kabupaten Donggala. *Jurnal Kreatif Tadulako*. 3(4). [Online]. Tersedia: <http://jurnal.untad.ac.id/jurnal/index.php/JKTO/article/view/3077> [diakses 31 Juli 2017]
- Zainul, A. (2002). *Penilaian Hasil Belajar*. Jakarta: PAU-PPAI-UT.
- Zhao, Y., & Frank, K. A. (2003). Factors affecting technology uses in schools: An ecological perspective. *American Educational Research Journal*, 40 (4).
- Zhao, Y., Kevin, P., Stephen, S., & Byers, J. L. (2002). Conditions for classroom technology innovations. *Teachers College Record*, 104 (3).