

DAFTAR PUSTAKA

- Adisendjaja, Y. H. (2013). *Manajemen Kegiatan Lapangan*. Makalah pada Pelatihan Guru-Guru Sains/Biologi, Bandung: UPI.
- Amosa, A. G., Ogundale, O. O., & Atobatele, A. S. (2015). Effect of Field Trip On Students' Academic Performance in Basic Technology in Ilorin Metropolis, Nigeria. *Malaysian Online Journal of Education Technology*, 3(2).
- Arikunto, S. (2011). *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Assaraf, O. B.-Z., & Orion, N. (2005). Development of System Thinking Skills in the Context of Earth System Education. *Journal of Research in Science Teaching*, 42(5), 518-560.
- Bailin, S. (2002). Critical thinking and science education. *Science & Education*, 11, 361-375.
- Beeler, C., & Ser, K. K. (2016, Desember 30). *Indonesian's Rapidly Disappearing Forests, in Four Charts*. Retrieved Juli 31, 2018, from Public Radio International: <https://www.pri.org/stories/2016-12-30/indonesia-s-rapidly-disappearing-forests-four-charts>
- Behrendt, M., & Franklin, T. (2014). A Review of Research on School Field Trips and Their Value in Education. *International Journal of Environmental & Science Education*, 9(3), 235-245.
- Campbell, N. A., Reece, J. B., Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., & Jackson, R. B. (2010). *Biologi, Edisi Kedelapan*. Jakarta: Erlangga.
- Correia, P. R., do Valle, B. X., Dazzani, M., & Infante-Malachias, M. E. (2010). The importance of scientific literacy in fostering education for sustainability: theoretical considerations and

preliminary findings from Brazilian experts. *Journal of Cleaner Production*, 18, 678-685.

Creswell, J. W. (1994). *Research Design: Qualitative and Quantitative Approaches*. California: Sage Publications.

Diana, S., Rachmatulloh, A., & Rahmawati, E. S. (2015). Profil kemampuan literasi sains siswa SMA berdasarkan instrumen scientific literacy assesments (SLA). *Seminar Nasional XII Pendidikan Biologi FKIP UNS*, 285-291.

Dinata, A. N., Adisendjaja, Y. H., & Amprasto. (2018). Pengaruh field trip terhadap kemampuan literasi sains dan sikap terhadap sains siswa SMA pada materi ekosistem. *Assimilation: Indonesian Journal of Biologi Education*, 1(1), 8-13.

Dohn, N. B. (2011). Situational interest of high school students who visit an aquarium. *Science Education*, 95, 337-357.

Fives, H., Huebner, W., Birnbaum, A. S., & Nicolich, M. (2014). Developing a Measure of Scientific Literacy for Middle School Students. *Science Education*, 98(4), 540-580.

Frear, V., & Hirschnuhl, J. J. (1999). Does interactive multimedia promote achievement and higher level thinking skills for today's science students? *British Journal of Educational Tchnology*, 30(4), 323-329.

Hake, R. R. (1999). *Analizing Change/Gain Scores*. Indianapolis: Indiana University.

Hake, R. R. (2002). Relationship of individual student normalized learning gains in mechanics with gender, high-school physics, and pretest scores on mathematics and spatial visualization. *Physics Education Research Conference*. Retrieved from <http://www.physics.indiana.edu/~hake>

Anna Nurul Alfyah, 2018

PERBANDINGAN LITERASI TUMBUHAN ABAD 21 PADA SISWA KELAS IPA DAN IPS MELALUI METODE FIELD TRIP

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Hellmann, M. (2014, Juli 1). *Indonesia Now Has the Highest Rate of Deforestation in the World*. Retrieved Juli 30, 2018, from TIME: <http://time.com/2944030/indonesia-now-has-the-highest-rate-of-deforestation-in-the-world/>
- Hemingway, C., Dahl, W., Haufler, C., & Stuessy, C. (2011). Building Botanical Literacy. In *Science* (pp. 1535-1536). New York: American Association for the Advancement of Science.
- Hidayat, E. B. (1995). *Anatomi Tumbuhan Berbiji*. Bandung: ITB Bandung.
- Hmelo, C. E., Holton, D. L., & Kolodne, J. L. (2000). Designing to learn about complex systems. *Journal of the Learning Sciences*, 9(3), 247-298. doi:10.1207/S15327809JLS0903_2
- IUCN. (2017). *Red List*. Retrieved November 2, 2017, from The IUCN Red List of Threatened Species™: <http://www.iucnredlist.org>
- Ivanovic, J. (2011, Agustus 30). *Endangered Species in Indonesia*. Retrieved November 2, 2017, from Australian Science: <http://www.australianscience.com.au/environmental-science/endangered-species-in-indonesia/>
- Krepel, W. J., & Durrall, C. R. (1981). *Field Trips: A Guideline for Planning and Conducting Educational Experiences*. Washington, DC: National Science Teachers Association.
- Kuiper, R. A., & Pesut, D. J. (2004). Promoting cognitive and metacognitive reflective reasoning skills in nursing practice: self-regulated learning theory. *Journal of Advance Nursing*, 45(4), 381-391.
- Martins-Loucao, M. A., & Gaio-Oliveira, G. (2017). New challenges to promote botany's practice using botanic gardens: the case study of the Lisbon Botanic Garden. *Plant Biodiversity: Monitoring, Assessment and Conservation*, 1-17.

Anna Nurul Alfyah, 2018

PERBANDINGAN LITERASI TUMBUHAN ABAD 21 PADA SISWA KELAS IPA DAN IPS MELALUI METODE FIELD TRIP

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- McKagan, S., Sayre, E., & Madsen, A. (2017, April 20). *Normalized Gain: What is it and when and how should I use it?* Retrieved Agustus 14, 2018, from PhysPort: <https://www.physport.org/recommendations/Entry.cfm?ID=93334>
- Michie, M. (1998). Factors influencing secondary science teachers to organise and conduct field trips. *Australian Science Teacher's Journal*, 44, 43-50.
- Mulnix, J. W. (2010). Thinking critically about critical thinking. *Educational Philosophy and Theory*. doi:10.1111/j.1469-5812.2010.00673.x
- OECD. (2016). *PISA 2015 Results (Volume I): Excellence and Equity on Education*. Paris: OECD Publishing. doi:<http://dx.doi.org/10.1787/9789264266490-en>
- P21. (2015). *P21 Framework for 21st Century Learning*. P21.
- P21. (2017). *21st Century Skills Early Learning*. Washington DC: Partnership for 21st Century Learning. Retrieved from Partnership for 21st Century Learning.
- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 64 Tahun 2014. *Peminatan pada Pendidikan Menengah*. Jakarta.
- Purwanto. (2008). *Prinsip-Prinsip dan Teknik Evaluasi Pembelajaran*. Bandung: PT Remaja Rosda Karya.
- Roestiyah, N. K. (2001). *Strategi Belajar Mengajar*. Jakarta: Rineka Cipta.
- Rusli, R. S., & Soegiarto, H. D. (2001). The effect of learning styles to build learner autonomy. *TEFLIN Journal*, 12(1), 118-131.

Anna Nurul Alfiah, 2018

PERBANDINGAN LITERASI TUMBUHAN ABAD 21 PADA SISWA KELAS IPA DAN IPS MELALUI METODE FIELD TRIP

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Sa'adah, U., & Ariati, J. (2018). Hubungan antara student engagement (keterlibatan siswa) dengan prestasi akademik mata pelajaran matematika pada siswa kelas XI SMA Negeri 9 Semarang. *Jurnal Empati*, 7(1), 69-75.
- Singh, G. (2010). *Plant Systematics, An Integrated Approach 3rd Edition*. New Hampshire: Science Publisher.
- Sweeney, L. B., & Sterman, J. D. (2000). Bathtub dynamics: initial results of a systems thinking inventory. *System Dynamics Review*, 16(4), 249-286.
- Taiz, L., & Zeinger, E. (1991). *Plant Physiology, 3rd Edition*. Redwood City: Benjamin/Cummings Pub. Co.
- Tenenbaum, H. R., To, C., Daniel, W., & Pegram, E. (2015). Changes and stability in reasoning after a field trip to a natural history museum. *Science Education*, 99(6), 1073-1091.
- Thrilling, B., & Fadel, C. (2009). *21st Century Skills: Learning for Life in Our Times*. San Fransisco: John Wiley & Sons, Inc.
- Tjitrosoepomo, G. (2013). *Morfologi Tumbuhan*. Yogyakarta: Gadjah Mada University Press.
- Uno, G. E. (2009). Botanical Literacy: What and How Should Student Learn about Plants? *American Journal of Botany*, 96(10), 1753-1759.
- Ventura, M., Lai, E., & Dicerbo, K. (2017). *Skills for Today: What We Know about Teaching and Assessing Critical Thinking*. London: Pearson.
- Wandersee, J. H., & Schussler, E. E. (1999). Preventing Plant Blindness. *The American Biology Teacher*, 61(2), 82-86.
- Wijaya, A., Juliane, R., Firmansyah, R., & Payne, O. (2017, Mei 24). 6 Years After Moratorium, Satellite Data Shows Indonesia's

Anna Nurul Alfyah, 2018

PERBANDINGAN LITERASI TUMBUHAN ABAD 21 PADA SISWA KELAS IPA DAN IPS MELALUI METODE FIELD TRIP

Universitas Pendidikan Indonesia | repository.upi.edu |
perpustakaan.upi.edu

Tropical Forests Remain Threatened. Retrieved Juli 31, 2018,
from World Resources Institute:
<http://www.wri.org/blog/2017/05/6-years-after-moratorium-satellite-data-shows-indonesia%E2%80%99s-tropical-forests-remain>

Zimmerman, C. (2000). The development of scientific reasoning skills.
Developmental Review, 20, 99-149.

Anna Nurul Alfyah, 2018

***PERBANDINGAN LITERASI TUMBUHAN ABAD 21 PADA SISWA KELAS IPA
DAN IPS MELALUI METODE FIELD TRIP***

Universitas Pendidikan Indonesia | repository.upi.edu |
perpustakaan.upi.edu