

DAFTAR PUSTAKA

- Agoes Dariyo. 2004. *Psikologi Perkembangan Remaja*. Jakarta: Ghalia Indonesia.
- Alberta. 1987. *Students Thinking: Developmental Cognitive Domain*. USA: Alberta Education.
- Aktamis, H dan Ergin, O. 2008. The Effect Of Scientific Process Skills Education on Students' Scientific Creativity, Science Attitudes and Academic. *Asia-Pacific Forum on Science Learning and Teaching*. Vol 9.
- Altun, Baysura&Yucel-Toy. 2015. Perceptions of Teacher Candidates regarding project based learning. *Eurasian Journal of Educational Research*, Issue 62, 2016, 15-36.
- Bagheri, Mohren, Wan Zah Wan, Zarifi Abodlvaed. 2015. Effects of Project-Based Learnin Strategy on Learning Performance of Students with Different Achievement Levels. *Asian Journal of Research inn Social Sciences and Humanities*. Vol 5.
- Boyer, Robert. 2006. *Concepts in Biochemistry*. United States: Wiley Publishing.
- Buder, Juergen, Friedrich Hesse, Esther Care, Kai Sassenberg , and Patrick Griffin (2015). *A Framework for Teachable Collaborative Problem Solving Skills*. Dordrecht: Spinger Bussiness.
- Bundu, Patta. 2006. *Penilaian keterampilan proses dan sikap ilmiah dalam pembelajaran sains di SD*. Jakarta: Depdiknas.
- Butler, John M. 2009. *Fundamentals of Forensic DNA Typing*. USA: Academic Press.
- Campbell, N.A & J.B. Reece. 2008. *Biologi 1 Ed. 8*. Jakarta: Erlangga.
- Chiapetta, E.L & Koballa, T.R. 2010. *Science Instruction in The Middle And Secondary Schools Developing Fundamental Knowledge and Skills*. New York: Pearson Education, Inc.
- Craig, Tara Theresa. 2015. *A Statistical Analysis of the Effects of Project-based Learning on Student High School and College Outcomes*. Dissertation of University of Texas Austin. <https://repositories.lib.utexas.edu/handle/2152/31382> diakses pada 11 Januari 2017.

- Darmojo Hendro&Jenny R.E.K. (1993). *Pendidikan IPA 2*. Jakarta:Depdikbud.
- Depdiknas.2009. Panduan Pengembangan Bahan Ajar. Jakarta: Depdiknas.
- Djauhar Siddiq&Sungkono.2003.*Pengembangan Bahan Ajar*. Yogyakarta: FIP UNY.
- Eko P.W. 2015. *Teknik Penyusunan Instrumen Penelitian*. Yogyakarta: Pustaka Pelajar.
- Fleming, Douglas S. 2000. *A Teacher's Guide to Project-Based Learning*. Washington: Office of Educational Research and Improvement.
- Greedenberg, Barbara. 2015. *Five Important Teen Lesson*. www.huffingtonpost.com diakses pada 17/03/2017
- Griffin, Patrick. 2010. *Assessing Collaborative Problem solving*. <https://sodas.ugdome.lt/> diakses pada 01/12/2016.
- Hallen, dkk. 2010. *Teaching Science in Primary Classroom*. London: SAGE Company.
- Hamalik Oemar. 1995. *Psikologi Remaja*. Bandung: Penerbit Mandar Maju.
- Heicnecke, Liz Lee. 2014. *Kitchen Science Lab for Kids*. USA: Quarry Books.
- Herlina. 2006. *Pengembangan Lembar Kerja Siswa (LKS) Pada Materi Lingkungan Kelas VII SMP* (Skripsi). Unnes: Semarang
- Hrbek, Frank & Stix Andi. 2006. *Teachers as Classroom Coaches*. US: ASCD Book.
- Joseph, Windham. 2009. *DNA Extraction Lab*. USA: National Health Museum.
- Krajcik, Joseph S. & Czerniak Charlene M.2014.*Teaching Science in Elementary and Middle School: a project based approach*. New York: Routledge.
- Lee, Che-Di. 2014. Worksheet Usage, Reading Achievement, Classes Lack of Readiness, and Science Achievement: A Cross-Country Comparison. *International Journal of Education in Mathematics, Science, and Technology* Vol. 2, 96-106.
- Lewandowski, Dan. 2016. *Wall-to-wall Project-based Learning: A Conversation with Biology Teacher Kelley Yonce*.

<http://www.learnnc.org/lp/pages/5319> diakses pada 11 Januari 2017.

- Ngalim Purwanto. 2006. *Prinsip-prinsip dan Teknik Evaluasi Pengajaran*. Bandung: Remaja Rosdakarya.
- Nugraha Ali. 2005. *Pengembangan Pembelajaran Sains Pendidikan Anak Usia Dini*. Jakarta: Depdiknas.
- O'Neil, H. 2014. *Measurement of Collaborative problem Solving*. Alexandria City: NAEP Innovations Symposium.
- Ozgelen, Sinan. 2012. Students' Science Process Skills within a Cognitive Domain Framework. *Journal of Mathematics, science, and Technology* (8(4) 283-292).
- Picks, A. 2015. *Science Lab: extracting plant DNA*. USA: Misinco Press.
- PISA. 2015. *Framework of Collaborative Problem Solving*. Diakses dari www.oecd.com/PISA tanggal 19 Oktober 2016
- Ramadhani Chaniago. 2016. *Genetika*. Yogyakarta: Innosain.
- Rice, George. 2017. *DNA Extraction*. Australia: Montana State University.
- Roestiyah, N.K. 2012. *Strategi Belajar Mengajar*. Jakarta: Rineka Cipta.
- Roschelle, Jeremy & Teasley, Stephanie D. 1859. The Construction of Shared Knowledge Collaborative Problem Solving tecfa.unige.ch/tecfa/publicat/dil-papers-2/cscl.pdf diakses pada 11 Januari 2017.
- Rosleny, Marlioni. 2016. *Psikologi Perkembangan Anak & Remaja*. Bandung: Pustaka Setia.
- Sad'un, Akbar. 2013. *Instrumen Perangkat Pembelajaran*. Bandung: Remaja Rosdakarya.
- Salirawati, Das. 2004. Penyusunan dan Kegunaan LKS Dalam Proses Pembelajaran. *Jurnal MIPA*. Hlm. 1-2.
- Santrock, John W. 2007. *Remaja Edisi 13*. Jakarta: Penerbit Erlangga.
- Sills, J Rowse & Emerson, L.M. 2016. The Role Of Collaboration In The Cognitive Development Of Young Children. *Journal of Children Care, Health, and Development*. 42(3). Pp. 313-324. ISSN 0305-1862
- Smith, Harding T. 1993. *Learning Together: An introduction to collaborative learning*. New York: Harper Collins.

- Standfield, W.D. 1991. *Genetika*. Jakarta: Penerbit Erlangga.
- Stipek, Deborah J. 1998. *Motivation to Learn*. USA: Prentice Hall.
- Sugiyono. 2014. *Statistika untuk Penelitian*. Bandung: Alfabeta
- Sukardjo. 1982. *Dasar-dasar Statistika Bagian II*. Yogyakarta: IKIP Yogyakarta.
- Sumanto.2014.*Psikologi Perkembangan: fungsi dan teori*. Yogyakarta: CAPS.
- Suryo. 2008. *Genetika Strata 1*. Yogyakarta:Gajah Mada University Press.
- Turgut, H. 2008. Prospective science teachers' conceptualizations about project based learning. *International Journal of Instruction*. 1(1) 61-79.
- Wenham, Martin& Ovens, Peter. 2010. *Understanding Primary Science: Science Knowledge for Teaching*. London: SAGE Company.
- Wyles, Cindy 2016. *Engaging Students via In-class Worksheets*. Diakses dari <http://www.maa.org/programs/faculty-and-departments/curriculum-department-guidelines-recommendations/innovative-teaching-exchange/in-class-worksheets> pada tanggal 9 Juni 2016
- Yalcin, Altun, Umit Turgut, dan Erdogan Buyukkasai. (2009). The Effect of Project Based Learning on Science Undergraduates' Learning of Electricity, Attitude towards Physics and Scientific Process Skills. *International Online Journal of Educational Sciences*. Vol 1.
- Yusuf L.N.&Syamsu, H. 2015. *Psikologi Perkembangan Anak dan Remaja*. Bandung: Remaja Rosdakarya.