

DAFTAR PUSTAKA

- Affriani, F. (2012). *Pengaruh Teks Perubahan Konseptual dan Peta Konsep terhadap Pemahaman Siswa pada Konsep Ekosistem*. Skripsi Sarjana FPMIPA UPI Bandung: Tidak diterbitkan.
- Anderson, L.W. & Krathwohl, D.R. (2010). *Kerangka Landasan Untuk Pembelajaran, Pengajaran, dan Asesmen*. Yogyakarta. Pustaka Pelajar.
- Anisa, D.N., Mohammad M., dan Sri Y. (2013). Pengaruh Model Pembelajaran POE (*Predict, Observe, and Explain*) dan Sikap Ilmiah Terhadap Prestasi Belajar Siswa pada Materi Asam Basa dan Garam Kelas VII Semester I SMPN 1 Jaten Tahun Pelajaran 2012/2013. *Jurnal Pendidikan Kimia*. 2(2): 16-23
- Arikunto, S. (2012). *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Arikunto, S. (2006). *Prosedur Penelitian Suatu Pendekatan Praktek*. Jakarta: Rineka Cipta.
- Ayala, C., dkk. (2008). From Formal Embedded Assessments to Reflective Lessons: The Development of Formative Assessment Studies. *Applied Measurement in Education*. 21: 315-334.
- Bell, B dan Cowie, B. (2001). The Characteristics of Formative Assessment in Science Education. *Science Education*. 85: 536-553.
- Bilen K., dkk. 2016. Using Action Research Based on The Predict-Observe-Explain Strategy for Teaching Enzymes. *Turkish Journal of Education*. 5(2): 72-81
- Black, P. & William, D. (1998). Assessment and Classroom Learning. *Assessment in Education*. 5(1) : 7-74
- Black, P., dkk. (2004). Working Inside The Black Box: Assessment for Learning in the Classroom. *Phi Delta Kappan*. 86(1): 8-21
- Broadfoot, P.M., dkk. (2002). *Assessment for Learning: 10 principles*. Cambridge, UK: University of Cambridge School of Education.
- Campbell, dkk. (2004). *Biologi*. Jakarta: Erlangga

- Carillo-de-la-Pena, M., dkk. (2009). Formative Assessment and Academic Achievement in Pre-Graduate Students of Health Sciences. *Advances in Health Science Education*. 14 (1) : 61-70
- Carol, B. (2002). The Concept of Formative Assessment. *Practical Assessment, Research, and Evaluation*. 8(9): 1-8
- Cinici, A. dan Yavuz Demir. 2012. Teaching Through Cooperative POE Tasks; A Path to Conceptual Change. *A Journal of Educational Strategies, Issues, and Ideas*. 86(1): 1-10
- Costu, B., dkk. (2009). Promoting Conceptual Change in First Year Students' Understanding of Evaporation. *Chemistry Education Research and Practice*. 11: 5-16
- Dahar, R.W. (2011). *Teori-Teori Belajar dan Pembelajaran*. Jakarta: Erlangga.
- Dimiyati dan Mudjiono. (2009). *Belajar dan Pembelajaran*. Jakarta: Rineka Cipta.
- Evans, R.J.D., Zen, P., dan Stanier, AR. (2014). Motivating Student Learning Using a Formative Assessment Journey. *Journal of Anatomical Society*. 224(3) : 296-303.
- Falchikov, N. (2005). Improving Assessment Through Student Involvement: Practical Solutions for Aiding Learning in Higher and Further Education. New York: Routledge.
- Gioka, Olga. (2010). Assessment for Learning in Biology Lessons. *Journal of Biological Education*. 41: 113-116.
- Granbom, Martin. (2015). Formative Assessment and Increased Student Involvement Increase Grades in an Upper Secondary School Biology Course. *Journal of Biological Education*.
- Hardianty, N. (2015). *Penggunaan Assessment for Learning untuk Mengembangkan Habits of Mind Siswa SMP Kelas VII*. Tesis Pascasarjana UPI Bandung; Tidak diterbitkan.
- Idris, T. (2013). *Penerapan Asesmen Portofolio untuk Meningkatkan Habits of Mind dan Penguasaan Konsep Siswa Kelas XI*. Tesis Pascasarjana UPI Bandung; Tidak diterbitkan.
- Ivanic, R., Clark, R. and Rimmershaw, R. (2000). What am I supposed to make of this? The messages conveyed to students by tutors' written comments, in: M.R. Lea and B. Stierer, (Eds) *Student Writing in*

Higher Education: New Contexts. Buckingham: Open University Press.

- Karamustafaoglu, S. dan Naaman, R. (2015). Understanding Electrochemistry Concepts Using the POE Strategy. *Eurasia Journal of Mathematics, Science and Technology Education*. 11(5): 923-926
- Kemendikbud. (2013). *Kerangka Dasar dan Struktur Kurikulum Sekolah Menengah Atas/Madrasah Aliyah*. Jakarta: Menteri Pendidikan dan Kebudayaan.
- Klenowski, V. (2009). Editorial: Assessment for learning revisited: An Asia-Pacific perspective. *Assessment in Education: Principles, Policy, and Practice*. 16(3): 263-268
- Kirbani, Budiyono, dan Sutanto. (2013). *Pengembangan Model Assessment For Learning (AfL) Melalui Penilaian Teman Sejawat Untuk Pembelajaran Matematika pada Pokok Bahasan Persamaan Garis Lurus di Madrasah Tsanawiyah Pondok Pesantren Modern Islam Assalaam Sukoharjo*. Surakarta: Universitas Sebelas Maret.
- Kibirige, I., dkk. 2014. The Effect of POE Strategy on Learners Misconceptions about Dissolved Salts. *Mediterranean Journal of Social Sciences*. 5(4): 300-310
- Kusairi, S. (2012). Analisis Asesmen Formatif Fisika SMA Berbantuan Komputer. *Jurnal Penelitian dan Evaluasi Pendidikan*. Edisi Dies Natalis ke-48 UNY.
- Lazarowitz, R. dan Carl Lieb. (2005). Formative Assessment Pre-Test To Identify College Student's Prior Knowledge, Misconceptions and Learning Difficulties in Biology. *International Journal of Science and Mathematical Education*. 4: 741-762.
- Leakey, A dan Goldsworthy, A. (2001). Fantastic Feedback. *Primary Science Review*. 68: 22-23.
- Libarkin, J.C dan Josepha P.K. (2001). Assessing Student's Alternative Conceptions. *Journal of Geoscience Education*. 49(4): 378-383.
- Liew, C.W. dan David F Treagust. (1994). A POE Teaching Sequence for Learning About Student's Understanding of Heat and Expansion of Liquids. *Australian Science Teachers Journal*. 41(1):68-71

- Manitoba Education, Citizenship, and Youth. (2006). *Rethinking Classroom Assessment with Purpose in Mind*. Canada: Manitoba Education, Citizenship, and Youth.
- Nicol, D.J dan Debra, M. (2006). Formative Assessment and Self Regulated Learning: A model and seven principles of good feedback practice. *Studies in Higher Education*. 31 (2): 199-218
- Nurhayati, H. (2011). Penerapan Strategi Pembelajaran POE (*Predict-Observe-Explain*) Untuk Meningkatkan Keterampilan Proses Sains dan Penguasaan Konsep Siswa Pada Konsep Difusi dan Osmosis Di Kelas VIII. Skripsi Sarjana FPMIPA UPI Bandung: Tidak diterbitkan.
- Palmer, D. (1995). The POE in the Primary School. *Research in Science Education*. 25(3):323-332
- Permana, N.D. (2013). Studi tentang Performance Assessment untuk Meningkatkan Pemahaman Konsep dan Habits of Mind Siswa pada Pembelajaran Fisika. *Prosiding Seminar Nasional Pengukuran dan Penilaian Pendidikan*. UPI: Bandung.
- Ponte, E., Paek, P., Braun, H., Trapani, C. (2009). Using Assessment and Feedback to Enhance Learning: Examining The Relationship Between Teacher's Reported Use of Assessment and Feedback and Student Performance in AP Biology. *Journal of MultiDisciplinary Evaluation*. 6(12): 103-124.
- Purwanto, N. (2009). *Prinsip dan Teknik Evaluasi Pengajaran*. Bandung: Remaja Rosdakarya.
- Restami, M.P. (2013). *Pengaruh Model Pembelajaran POE (Predict, Observe, and Explain) Terhadap Pemahaman Konsep Fisika dan Sikap Ilmiah ditinjau dari Gaya Belajar Siswa*. E-Journal Program Pasca Sarjana Universitas Pendidikan Ganesha Program Studi IPA (Online). 3: 1-10
- Riduwan. (2009). *Belajar Mudah Penelitian Untuk Guru-Karyawan dan Peneliti Pemula*. Bandung: Alfabeta
- Rosdiani, dkk. (2013). Penerapan Model Pembelajaran Kooperatif Tipe Team Games Tournament (TGT) Berbasis Praktikum Terhadap Penguasaan Konsep Sistem Pencernaan Manusia di SMA Negeri 1 Sigli. *Jurnal Biologi Edukasi Edisi 11*. 5(2): 66-71
- Rustaman, N.Y. (2008). *Pendidikan dan Penelitian Sains dalam Mengembangkan Keterampilan Berpikir Tingkat Tinggi Untuk Pembangunan Karakter*. Makalah dalam Seminar Nasional VIII Pendidikan Biologi.

- Rustaman, N.Y., dkk. (2003). *Strategi Belajar Mengajar Biologi*. Bandung: Jurusan Pendidikan Biologi FPMIPA UPI.
- Sagala, S. (2010). *Konsep dan Makna Pembelajaran*. Bandung: Alfabeta.
- Shepard, L.A., dkk. (2005). Assessment. *Preparing Teachers for a changing world: What teachers should learn and able to do*. San Fransisco: Josey-Bass
- Sriyati, S. (2011). *Peran Asesmen Formatif dalam Membentuk Habits of Mind Mahasiswa*. Disertasi Pascasarjana UPI Bandung: Tidak diterbitkan.
- Sulistioningsih, R. (2015). *Eksperimentasi Pembelajaran Matematika dengan Strategi Problem Posing Berbasis Assessment For Learning Terhadap Hasil Belajar Ditinjau dari Tingkat Keaktifan Siswa Kelas VII Semester Genap SMP Muhammadiyah 7 Surakarta Tahun 2014/2015*. Artikel Publikasi Ilmiah Universitas Muhammadiyah Surakarta.
- Syafi'i, W., dkk. (2011). Kemampuan Berpikir Kreatif dan Penguasaan Konsep Siswa Melalui Model *Problem Based Learning* (PBL) Dalam Pembelajaran Biologi Kelas XI IPA SMAN 2 Pekanbaru Tahun Ajaran 2010/2011. *Jurnal Biogenesis*. 8(1): 1-7
- Tanner, K. dan Allen, D. (2005). Approaches to Biology Teaching and Learning: Understanding the Wrong Answers - Teaching Toward Conceptual Change. *Cell Biology Education*. 4: 112-117.
- Taras, M. (2010). Assessment for Learning: Understanding theory to improve practice. *Journal of Further and Higher Education*. 31(4): 363-371
- Tillery, B.W, dkk. (2011). *Integrated Science Fifth Edition*. New York. Mc Graw Hill International Edition.
- Trefil, J dan Robert, M.H. (2013). *Sciences Seventh Edition*. Singapore: John Wiley and Sons.
- Uno, H. dan Satria, K. (2012). *Assesment Pembelajaran*. Jakarta: Bumi Aksara.
- Weurlander, M., dkk. (2012). Exploring Formative Assessment as A Tool For Learning: Student's Experience of Different Methods of Formative Assessment. *Assessment & Evaluation in Higher Education*. 37(6) : 747-760.

- William, D. (2011). What is assessment for learning?. *Studies in Educational Evaluation*. 37: 3-14
- Yin, Y. dkk. (2008). On the Impact of Formative Assessment on Student Motivation, Achievement, and Conceptual Change. *Applied Measurement in Education Education*. 21(1): 335-359.
- Yin, Y. dkk. (2013). Using Formal Embedded Formative Assessments Aligned with a Short-Term Learning Progression to Promote Conceptual Change and Achievement in Science. *International Journal of Science Education*. 36(4): 531-552.
- Yulianti. (2012). *Penerapan Model Pembelajaran POE (Predict-Observe-Explain) Untuk Meningkatkan Penguasaan Konsep dan Keterampilan Berpikir Kritis Siswa Pada Subkonsep Pencemaran Air*. Skripsi Sarjana FPMIPA UPI Bandung: Tidak diterbitkan.
- Wulan, A.R. (2009). *Strategi Asesmen Portofolio pada Pembelajaran Biologi di SMA*. [Online]. Tersedia: http://file.upi.edu/Direktori/SPS/PRODI.PENDIDIKAN_IPA/197404171999032-ANA_RATNAWULAN/ASESMEN_PORTOFOLIO.pdf. (08 Agustus 2016)
- Zirbel, E.L. 2004. Framework for Conceptual Change. *Astronomy Education Review*. 3(1): 62-76.
- Zulaeha, I Wayan D., dan Komang W. (2014). Pengaruh Model Pembelajaran *Predict, Observe, and Explain* Terhadap Keterampilan Proses Sains Siswa Kelas X SMA Negeri 1 Balaseang. *Jurnal Pendidikan Fisika Tadulako*. 2(2): 1-8.

