

DAFTAR PUSTAKA

- Anderson, J. (2004). Where do habits of mind fit in the curriculum? In c. Owen (Ed.), *Habits of Mind: A resource kit for Australia schools* (pp. 54-56). Lindfield, NSW: Australian National Schools Network Ltd.
- Anwar, C. (2005). Penerapan Penilaian Kinerja (*Performance Assessment*) dalam membentuk *Habits of Mind* Siswa Pada Pembelajaran Konsep Lingkungan. Sekolah Pascasarjana Pendidikan IPA UPI. Thesis; tidak diterbitkan.
- Assessment Reform Group. (2002). *Testing, Motivation and Learning*. ARG- Nuffield Foundation-EPPI Centre.
- Atkinson, H & Bannister,S. (1998). Concept Maps and Annotated Drawings (Online). *Primary Science Review*, 51, 3-5. Tersedia http://www.eric.cd.gov.ERICwebportal/search/detailmini.jsp?_nfpb=true_&ERICextSearch_SearchValue (24 Oktober 2007)
- Baggott, K.G and Rayne, RC. (2007). “The Use of Computer-based Assessment in a Field Biology Modul”. (Online). *Bioscience Education e- Journal* 7-7. Tersedia: <http://www.bioscience.heacademy.ac.uk.journal/vol7/beej-7-7.aspx>. (2 November 2007)
- Baxter, J.A. and Lederman, N.G. (2003). Assessment and measurement of pedagogical content knowledge. In Gess-Newsome and Lederman, N.G (Ed.) *Examining Pedagogical Content Knowledge. The Construct and its Implications for Science Education*. New York: Kluwer Academic Publishers.
- McCulloch, B. (2010). *Scaffolding and zone of proximal development*. (Online) Tersedia:<http://docstoc.com/docs/56913861/Scaffolding-and-zone-of-proximal>. (9 Oktober 2010).
- Bebbington, A. (2005). The Ability of A-level Students to Name Plants. *Journal of Biological Education*. 39(2), pp 62-67.
- Black, P. and William, D. (1998). “Inside the Black Box : Raising Standard Through Classroom assessment”. *Phi Delta Kappan*, 80(2). (Online). Tersedia: http://www.collegenet.co.uk/admin/download/inside the black box_23_doc.pdf (8 Agustus 2009)
- Black, P., Harrison, C., Lee, C., Marshall, B and Wiliam, D. (2004). *Working Inside The Black Box: Assessment for Learning in the Classroom*. (Online). Tersedia: http://www.defause.cse.Ucla.edu/DOCS/pb_wor_2004. (1 Mei 2008).
- Borg, W.R. and Gall, M.D. (2003). *Educational Research an Introduction*. New York & London: Longman.

- Boeree, C.G. (2006). Albert Bandura. (Online). Tersedia: <http://webspace.ship.edu/cgboer/bandura.html> (21 April 2011)
- Campbell, J. (2006). *Theorising Habits of Mind as A Framework for Learning*. (Online). Tersedia: www.aare.edu.au/06pap/cam06102.pdf. (15 April 2008)
- Cardoso, D.C., Cristiano, M.P. and Arent, C.O. (2009). Development of the New Didactic Materials for Teaching Science and Biology: Importance of the New Education Practices. *Online Journal of Biological Science* (1): pp. 1-5.
- Carol, B. (2002). *The Concept of Formative Assessment*. ERIC Clearinghouse on Assessment and Evaluation College Park MD. (Online). Tersedia: <http://www.ericdigest.org/2003-3/Concept.htm>. (21 April 2009).
- Carter, C. , Bishop, J. & Kravits, S.L. (2005). *Keys to Effective Learning Developing Powerful Habits of Mind*. Australia; Pearson Prentice Hall.
- Cherry, K. (2008). Social Learning Theory. (Online). Tersedia: <http://psychology.about.com/od/developmentalpsychology/a/> (21 April 2011)
- Cheung & Hew. (2008). "Examining facilitators' habits of mind and leaners' participation. Melbourne : *Proceedings Ascilite Melbourne*. (Online) Tersedia: <http://portal.acm.org/citation.cfm?id=1383846>. (1 Mei 2008).
- Chuck, JA. & Young, L. 2004. "A Cohort-Driven Assessment Task for Scientific Report Writing". *Journal of Science Education and Technology*.13 (3). 367-376. (Online). Tersedia: <http://www.springerlink.com/content/r452v446k6287x791>. (14 Juni 2008)
- Costa , A.L. & Kallick, B. (2000a). *Describing 16 Habits of Mind. Habits of Mind : A Developmental Series*. Alexandria, VA. (Online). Tersedia: <http://www.ccsnh.edu/documents/CCSNH> MLC. Habits of mind Costa Kallick.
- Costa, A.L. & Kallick, B. (2000b). *Assessing and Reporting on Habits of Mind*. Alexandria: Association for Supervision and Curriculum Development.
- Crane & Winterbottom (2008). Plants and photosynthesis: peer assessment to help students learn. *Journal of Biological Education* Volume 42 Number 4, pp. 150-156.
- Dahar, RW. (1996). *Teori-teori Belajar*. Jakarta: Penerbit Erlangga.
- Gibb, G. and Simpson, C. (2004). Conditions under which assessment supports students' learning. *Learning and Teaching in Higher Education*. 1 (1), pp. 3-31. (Online). Tersedia: <http://www.glos.ac.uk/sharedata/dms/2870988BCD42A03949CB4F3CB78A516.pdf> . (3 Maret 2011)

- Gijbel, D. and Dochy, F. (2006). " Student's assessment preferences and approaches to learning: can formative assessment make a difference?". *Educational Studies*. 32 (4) pp. 399-409.
- Glover, C. (2004). *Report of research carried out at Sheffield Hallam University for the Formative Assessment in Science Learning Project (FAST) for the period 2002-2003*. (Online). Tersedia: http://www.open.ac.uk/science/fdtl/document/SHUfinal_report.pdf. (27 November 2005).
- Glover, C and Brown, E. (2006). Written Feedback for Students: too much, too detailed or too incomprehensible to be effective?. *BEE-Journal Volume 7 (3)*. (Online). Tersedia: <http://www.bioscience.heacademy.ac.uk/journal/vol7/beej-7-3.pdf>. (3 Maret 2011)
- Gunn, A and Pitt, S.J. 2003. " The effectiveness of computer-based teaching packages in supporting student learning of Parasitology". *Bioscience Education e- Journal. 2003*. (Online). Tersedia: <http://www.bioscience.heacademy.ac.uk/journal/vol1/beej-1-7.aspx> (22 November 2007)
- Hill, J., Meyer, J., Sanders, K., Fyfe, G., Fyfe, S., Ziman, M and Koehler. (2008). " Taking baby steps: The impact of test length on first year student engagement with online formative assessment in human biology". *Teaching and Learning Forum 2008*. (Online). Tersedia: <http://lsn.curtin.edu.au/tlf/tlf2008/refereed/hill.html>. (15 Juni 2008)
- Hollins, W. and Whitby, V. (1998). *Progression in Primary Science*. Great Britain. David Fulton Publishers.
- Hughes, C. and Wade, W. (1996). *Inspirations for Investigation in Science*. Warwickshire; Scholastic.
- Hylland, F. (1998). The impact of teacher written feedback on individual writers. *Journal of Second Language Writing*. 7, 255-286.
- <http://puslit.petra.ac.id/journal /interior>
- <http://www.learning-theories.com/vygotsky-social-learning-theory.html> (9 April 2011)
- <http://tip.psychology.org/vygotsky.html> (9 April 9 2011)
- Indah, N.K. & Wisanti. (2005) *Pembelajaran Portofolio pada Mata kuliah Taksonomi Tumbuhan Tinggi*. Makalah Lokakarya, Seminar dan Kongres Taksonomi Tumbuhan Indonesia. FPMIPA UPI. 17-19 November 2005.
- Joice, B., Weil, M. and Calhoun, E. (2009). *Models of Teaching*. Boston: Pearson Education, Inc.

- Karno, To dan Wibisono, Y. (2004). *ANATES Program Khusus Analisis Tes Pilihan Ganda dan Uraian Versi 4.0. untuk Window*. Bandung: Universitas Pendidikan Indonesia.
- Klenowski, V. (2002). *Developing Portofolio for Learning and Assessment Processes and Principles*. London: RoutledgeFalmer.
- Lazarowitz, R & Lieb, C. (2006). Formative assessment pre-test to identify college student prior knowledge misconception and learning difficulties in biology. *International Journal of Science and Mathematical Education*. Vol 4, No.4, pp.741-762. (Online). Tersedia: <http://www.springerlink.com/content/530vpn0066x48123>. (15 Mei 2008) \
- Leakey, A. and Goldsworthy, A. (2001). *Fantastic Feedback Primary Science Review*. 68, 22-23.
- Lindsay, C. and Clarke, S. (2001). Enhancing Primary Science through Self and Paired Assessment. *Primary Science Review*. 68, 15-16.
- Loughran, J., Berry, A. and Mulhall, P. (2006). *Understanding and developing science Teacher's Pedagogical Content Knowledge*. Rotterdam, The Netherlands; Sense Publishers.
- Lowery, L.F. (2000). *NSTA Pathways to The Science Standard*. Arlington: National Science Teacher Association.
- Magnusson, S., Krajcik, J and Borko, H. (2003). Nature, Sources, and Development of Pedagogical Content Knowledge for Science Teaching. In Gess-Newsome and Lederman, N.G (Ed.) *Examining Pedagogical Content Knowledge. The Construct and its Implications for Science Education*. New York: Kluwer Academic Publishers.
- Markow, P.G. and Lonning, R.A. (1998). Usefulness of Concept Maps in College Chemistry Laboratories: Student Perception and Effect on Achievement. *Journal of Research in Science Teaching*. 35(4), 1015-1029.
- Marzano, R.J. (1992). *A Different Kind of Classroom. Teaching with Dimensions of Learning*. Alexandria : ASCD (Association for Supervision and Curriculum Development).
- Marzano, Pickering and McTighe. (1993). *Assessing Student Outcomes. Performance Assessment Using the Dimension of Learning Model*. Alexandria, Virginia; Association for Supervision and Curriculum Development.
- Marzano, RJ. (2006). *Classroom Assessment & Grading That Work*. Alexandria, Virginia USA

- McCallum. (2000). *Formative assessment: implications for classroom practice*. Whole-school development in assessment for learning: Crown. (Online). Tersedia: www.publication.education.gov.uk/default (4 Mei 2008)
- McCulloch, B. (2010). *Scaffolding and zone of proximal development*. (Online) Tersedia:<http://docstoc.com/docs/56913861/Scaffolding-and-zone-of-proximal>. (9 Oktober 2010).
- Meier, D. (2004). Becoming educated. The power idea. *Principal Leadership*. 3(7), pp 16-19.
- Meltzer, D.E. (2002). The Relationship between Mathematics preparation and conceptual learning gain in Physics: a Possible hidden variable in diagnostic pretest score. *Am. J.Phys.* 70(2). 1259-1267.Tersedia: http://www.physics.Iastate.edu/per/does/Addendum_on_normalizedgain.pdf.
- Milton, J. (2005). *Exploration of The Nature of Feedback to Students*. EAC : Learning and Teaching Development. RMIT University. (Online). Tersedia: <http://www.iml.uts.edu.au/EAC2005/paper/MiltonEAC 2005.pdf>. (4 Mei 2008).
- Minium, E.W. (1993). *Statistical Reasoning in Psychology and Evaluation*. New York: Jhon Willey & Sons Inc.
- Morine-Dershimer and Kent, T. (2002). The complex nature and sources of teachers' pedagogical knowledge In Gess-Newsome and Lederman, N.G (Ed.) *Examining Pedagogical Content Knowledge. The Construct and its Implications for Science Education*. New York: Kluwer Academic Publishers.
- Mui SO, W.W. (2004). *Formative and Summative Assessment. Different Strategies for The Assessment of Science Learning. The Important Quality Meaningful Assessment*. Asia-Pasific Forum on Science Learning and Teaching, Volume 5, Issue 2, Article 8.
- Novak and Gowin. (1985). *Learning How to Learn*. Cambridge : Cambridge University Press.
- NRC. (1996). *National Science Education Standards*. Washington DC: National Academy Press.
- Ornstein, A.C. (1990). *Strategi for Effective Teaching*. Loyola University of Chicago: Harper Collin Publisers.
- Orsmond, P., Merry, S. & Reiling, K. (2005). Biology students' utilization of tutors' formative feedback: a qualitative interview study. *Assessment and Evaluation in Higher Education*. 30, 369-386.

- Peat, M., Franklin, S., Devlin, M., and Charles, M. (2004). " Revisiting associations between student performance outcomes and formative assessment opportunities: Is there any impact on student learning? ". *Assessment & Evaluation in Higher Education*. 20 (2) pp. 141-152. (Online). Tersedia: <http://www.ascilite.org.au/conference/perth04/procs/peat>. (15 November 2007).
- Popham & Shepard. (2006). *Makalah dipresentasikan di FAT SCASS di Austin*. Tanggal 10 Oktober 2006. (Online). Tersedia: www.republicschools.org/docs/accountability/.../fastattributes04081. (12 Mei 2008)
- Popham, W.J. (2011). *Classroom Assessment What Teachers Need to Know*. Boston: Pearson Education, Inc.
- Purwanto, Ng. (1994). *Prinsip.prinsip dan Teknik Evaluasi Pengajaran*. Bandung: Penerbit PT Remaja Rosdakarya
- Raaheim, A. (2006). *Do Student Profit from Feedback?*. (Online). Tersedia: <http://www.seminar.net/volume -2-issue-2-2006/do-student-profit-from-feedback>. (4 Juni 2008).
- Ramaprasad, A. (1983). On the definition of feedback. *Behavioral Science*. 28 (1). 4-13.
- Reinhartz, J & Beach, D.M. (1997). *Teaching and Learning in The Elementary School: Focus on Curriculum*. New Jersey: Practice-Hall.
- Rifai, M. (2006). Sudah Siapkan Bangsa Indonesia Mengklasifikasikan Tanaman Budidayanya? Makalah pada KOSTERMANS CENTENNARY. Bogor, 3 Juli 2006.
- Robert. (2008). Social Learning Theory (Bandura). (Online). Tersedia: <http://www.learning-theories.com/social-learning-theory-bandura.html> (9 April 2011)
- Rustaman, N. (2001). *Pengembangan Proses Berpikir Melalui Klasifikasi-Kategorisasi-Seriasi Tumbuhan Tinggi*. Makalah pada Seminar Nasional Penggalang Taksonomi Tumbuhan Indonesia di Malang. 13-14 Juli 2001.
- Rustaman, N., Dirdjosoemart, S., Ahmad, Y., Yudianti, S.A., Rochintianiawati, D., Nurjhani, M., Suberkti, R. (2003). *Strategi Belajar Mengajar Biologi*. Bandung: Jurusan Pendidikan Biologi FPMIPA UPI.
- Rustaman, N. (2003). *Mengenal Keanekaragaman Tumbuhan Tinggi dalam Klasifikasi Rakyat Menuju Klasifikasi Ilmiah melalui Penelitian Untuk Mengembangkan Proses Berpikir*. Makalah pada Kongres dan Seminar Nasional Penggalang Taksonomi Tumbuhan Indonesia di Surakarta, 19-20 Desember 2003.

- Sadiman, Rahardjo, Haryono dan Rahardjito. (2005). *Media Pendidikan, Pengertian, Pengembangan dan Pemanfaatannya*. Jakarta: PT RajaGrafindo Persada.
- Sadler, R. (1989). Formative Assessment and The Design of Instructional Systems. *Instructional Science*. 18, 119-144.
- Sanjaya, W. (2007). *Kajian Kurikulum dan Pembelajaran*. Sekolah Pascasarjana. Universitas Pendidikan Indonesia.
- Silverius. (1991). *Evaluasi Hasil Belajar dan Umpam Balik*. Jakarta: PT Grasindo.
- Sizer, T and Meier, D. (2004). *Habits of Mind*. (Online). Tersedia:: http://www.essentialschools.org/lpt/ces_docs/210. (15 Oktober 2008)
- Shepardson, D.P. (1997). Butterflies and Bettles: First Graders ways of Seeing and Talking about Insect Life Cycles. *Journal of Research in Science Teaching*. 34(9), 876-889.
- Shepardson, D.P and Britsch, S. (1997). Children's Science Journal: Tools for Teaching, Learning and Assessing. *Science and Children*. 34 (5), 13-17.
- Spandel, V. (1997). *Reflections on Portofolio*, in G.D. Phye (ed). *Handbook of Academic Learning*. San Diego: Academic Press.
- Sriyati, S., Rustaman, N., Amprasto, Hidayat, T. dan Yulianto, S.A. (2006). *Penggunaan Multimedia Pada Pembelajaran Teori Botani Phanerogamae dalam Upaya Meningkatkan Hasil Belajar Mahasiswa*. Laporan Penelitian Hibah Program Pembelajaran dalam Rangka Implementasi SP4 Program Studi Biologi Jurusan Pendidikan Biologi FPMIPA UPI. Tidak Diterbitkan.
- Strgar, J. (2007). Increasing the interest of students in plants. *Journal of Biological Education*. 42 (1). 19-23.
- Sugiono. (2008). *Metode Penelitian Pendidikan (Pendekatan Kuantitatif, Kualitatif dan R & D)*. Bandung: Penerbit Alfabeta.
- Surapranata, S. dan Hatta, M. (2004). *Penilaian Portofolio Implementasi Kurikulum 2004*. Bandung: PT. Remaja Rosdakarya.
- Suratno. T. (2007). *Formative Assessment for Learning: Teacher's Professionalism in Raising Standards*. Makalah pada Seminar Nasional Biologi. Jurusan Pendidikan Biologi FPMIPA UPI. Mei 2007.
- Swearingen, R. (2002). *A Primer: Diagnostic, Formative & Summative Assessment*. Heritage University.

- Tastan, I., Dikmenli, M. & Cardak, O. (2008). Effectiveness of the conceptual change texts accompanied by concept maps about students' understanding of the molecules carrying genetical information. *Asia Pacific Forum on Science Learning and Teaching*. Volume 9, Issue 1, Article 11.
- Thin, A. G. (2006). "Using Online Microassessment to Drive Student Learning". *Bioscience Education e-Journal*.7-7 (Online). Tersedia: http://www.bioscience.heacademy.ac.uk/journal/vol9/beej_7-7.aspx.
- UPI. (2010). *Pedoman Akademik*. Bandung: Universitas Pendidikan Indonesia.
- Willerman, M. & MacHarg. (1991). The Concept Maps as an Advance Organizer. *Journal of Research in Science Teaching*. 28(8), 705-711.
- Wulan, A.R. (2007). Pembekalan Kemampuan Performance Assessment Kepada Calon Guru Biologi dalam Menilai Kemampuan Inquiry. Disertasi. Bandung: PPs UPI.
- Zainul, A. (2008). Asesmen Sumatif dan Asesmen Formatif. Bahan kuliah Evaluasi Pendidikan IPA di Prodi Pendidikan IPA Pascasarjana UPI.
- Ziman, Meyer, Plastow, Fyfe,G., Fyfe S., Sanders, Hill, Brightwell. (2007). "Student optimism and appreciation of feedback". *Teaching and Learning Forum 2007*. (Online). Tersedia: <http://otl.curtin.edu.au/tif/tif2007/refereed/ziman.html>. (31 Mei 2008).