

DAFTAR PUSTAKA

- Alamolhoda, H. (1997). "Convergent/ Divergent Cognitive Styles And Mathematical Problem Solving". *Jurnal of Science and Mathematics Education in South East Asia*. Vol 24 (2), 102-117
- Aldous, C.R (2007). "Creativity, problem solving and innovative science: Insights from history, cognitive psychology and neuroscience". *International Education Jurnal*. Vol 8 (2), 176-186.
- _____. (2005). Creativity in problem solving: Uncovering the origin of new ideas. *International Education Jurnal*. Vol 5(5), 43-56.
- Anderson *et al.* (2001). *A Taxonomy for Learning, Teaching and Assesing: A revision of Bloom's Taxonomy of Educational Objectives*. New York: Longman.
- Barak, M dan Doppelt, Y. (1999). *Using Portfolios to Enhance Creative Thinking*. [online]. Tersedia: <http://scholar.lib.vt.edu/ejournals/JOTS/Summer-Fall-2000/pdf/barak.pdf>
- Baturo *et al.* (2004). *The Mathematics of Indigenous Card Games: Implications for Mathematics Teaching and Learning*. [online]. Tersedia: <http://www.merga.net.au/documents/RP82004.pdf>. [31 Maret 2009]
- Bauersfeld, H. (1980). "Hidden Dimensions in the so-called reality of a mathematics classroom". *Educational Studies in Mathematics*, . 6 (11), 23-41.
- Beauchamp, G.A.(1975).*Curriculum Theory*. Illinois:The Kagg Press.
- Bigge, M.L. (1987). *Learning theories for Teacher*. New York: Harper & Row.
- Bill, V. L dan Jamar, I. Disiplinari Literacy in the Mathematic Classroom. Dalam. McConachy dan Petrosky (eds) : *Content Matters*. San Francisco: Josseybass.

- Blasi, L. dan Alfonso, B. (2006). Increasing the transfer of simulation technology from R&D into school settings: An approach to evaluation from overarching vision to individual artifact in education. *Simulation and Gaming*. [online]. Tersedia: <http://sag.sagepub.com/cgi/content/abstract/37/2/245>. [26 oktober 2009].
- Blyth, W.A.L. (1984). *Development, Experience and Curriculum in Primary Education*. London: St Martin's Press.
- Bobbitt, F. (1918). *The Curriculum*. Boston: Houghton Mifflin.
- Booker, G., Bond, D., Briggs, J. & Davey, G. (1997) *Teaching Primary Mathematics* (2nd Edition), Longman Cheshire: Melbourne
- Borg, W.R dan Gall, M.D. (1979). *Educational Research an Introduction*. New York: Longman.
- Brainerd, C.J. (1982). *Children's Logical and Mathematical Cognition*. New York : Springer-Verlag
- Brown, S.I dan Walter, M.I. (1990). "The Art of Problem Solving". *International Handbook of Mathematics Education*. London:Kluwer Academic Publisher.
- Burton, D.M. (1998). *Elementary Number Theory*. New York: The McGraw-Hill Companies, Inc.
- Byers, W. (2007). *How Mathematicians Think*. New Jersey: Princeton University Press.
- Carpenter, T.P,Fennema, E & Romberg, T.A. (2010). Rational and Fractional numbers: From quotient fields to recursive understanding. Dalam Jenni Way dan Janette Bobis (eds). *Fraction: Teaching for Understanding*. Adelaide: The Australian Association of Mathematics Teachers Inc.
- Chanders, S. (2012). "Little c Creativity: A Case for Our Science: An Indian Perspective". *Gifted Education International*: **28** (2),192-200.

- Clarke, D., Roche, A & Mitchel, A. (2007). One to One Student Interview Provide Powerful Insight and Clear Focus for the Teaching of Fractions in the Middle Years. Dalam Jenni Way dan Janette Bobis: *Fractions: Teaching for Undersatanding*. Adelaide: The Australian Association of Mathematics Teachers Inc.
- Clegg, B. (2003). *Infinity :the Quest to Think the Unthinkable*. London: Robinson.
- Croll, P. (1986). *Systematic Classroom Observation*. London: The Falmer Press.
- Copeland, M.(2005). *Socrates Circle: fostering critical thinking and creative thinking in middle and high school*. USA: Stenhouse Publisher.
- Cresswell, J.W. (2008). *Educational Research: Planning, Conducting and Evaluating Quantitative and Qualitative Research*. New Jersey: Pearson.
- Cresswell, J.W dan Clarck, V.L.(2007). *Designing and Conducting Mixed Method Research*. London: Sage Publications
- Crockal, D. (2011). "Serious Game, Debriefing, a Simulation/Gaming as a Discipline". *Simulation and Gaming*. 6 (41) 845-898.
- Cruischank *et al* .(2006). *The Act of Teaching*. New Jersey: Pearson.
- Datema, H dan van Kessel, M. (2008). *Think first, Act Later*. Dalam Why Do Games Work? In search of the active substance.(eds). Deventer: Kluwer.
- Davis, H dan Perusse, R. (1988). "Numerical Competence in animal: Defenitions issues, curriculum evidence, and new research agenda". *Behavioral and Brain Science*. 11(11),561-615.
- Day, J.D., Cordon, L.A dan Kervin, M.L. (1989). Informal Instructional and Development of Cognitive Skills: A review and Critique of Research. Dalam Christine B Cormick, Gloria E Miller dan Michael Pressley: *Cognitive Strategy Research: from Basic Research to Educational Applications* (eds).New York: Springer-Verlag.
- Djaali dan Muljono, P. (2004). *Pengukuran Dalam Bidang Pendidikan*. Jakarta: Program Pascasarjana Univerisitas Negeri Jakarta

- De Bono, E. (1970) *Lateral thinking*. New York: Harper & Row.
- De Caluwe, L. Hofstede, G J dan Peters, V. (2008). *Why Do Games Work?*. Deventer: Kluwer.
- Dewey, J. (1944). *Democracy and Education: an introduction to the philosophy of education*. Columbia University: The Free Press.
- Dijkstra, S. (2008). "The Integration of Curriculum, Design, Instructional Design, and Media Choice", dalam *Curriculum, Plans, and Processes in Instructional Design*. New Jersey: Lawrence Erlbaum Associates.
- Dreyfus, S.E. (2009). A Modern Perspective on Creative Cognition. *Bulletin of Science, Technology & Science* [online], Vol 29 (3), 7 halaman. Tersedia: <http://bst.sagepub.com/cgi/content/abstract/29/1/3> [26 Oktober 2009].
- Eggen, P.D., Kauchak, D.P dan Harder, R.J. (1979). *Strategies for Teacher: Information Processing Models in the Classroom*. New Jersey: Prentice Hall.
- Ernest, P. (1991). *The Philosophy of Mathematics Education*. Bristol: The Palmer Press.
- Fuchs, L. S., Fuchs, D., & Karns, K. (2001). "Enhancing kindergartners mathematical development: Effects of peer-assisted learning strategies". *The Elementary School Journal*. **10(1)**, 495–510.
- Fuchs *et al.* (1999). "Mathematics performance assessment in the classroom: Effects on teacher planning and student problem solving". *American Educational Research Journal*, **12 (36)**, 609–646.
- Fuchs, L. S., Fuchs, D., & Prentice, K. (2004). "Responsiveness to mathematical problem-solving instruction: Comparing students at risk of mathematics disability with and without risk of reading disability". *Journal of Learning Disabilities*. **4 (37)**, 293–306.
- Gadanidis, G., Hughes, J dan Cordy, M. (2011). *Mathematics for Gifted Students in an Arts-and Technology-Rich Setting*. [online]. Tersedia: <http://jeg.sagepub.com/content/34/3/397.abstract>. [27 April 2013]

- Gallucci, N.T., Middleton, G dan Kline, A. (1999). *Gifted Child Quarterly* [online], Vol 43 (3), 12 halaman. Tersedia :// gcq.sagepub.com/cgi/content/abstract/43/3/194 [26 oktober 2009].
- Geary, D. C., Hamson, C. O., & Hoard, M. K. (2000). "Numerical and arithmetical cognition: A longitudinal study of process and concept deficits in children with learning disability". *Journal of Experimental Child Psychology*.(77), 236–263.
- Gonzales, D.J. (2008). *Comparing TIMSS with NAEP and PISA in Mathematics and Science* . [ONLINE]. Tersedia : http://nces.ed.gov/timss/pdf/Comparing_TIMSS_NAEP_%20PISA.pdf [6 Maret 2010].
- Goldman, S. R., & Pellegrino, J. W. (1987). "Information processing and educational microcomputer technology: Where do we go from here?". *Journal of Learning Disabilities*, 20, 144–154.
- Goncy, E.A dan Waehler, C.A. (2006). An Empirical Investigation of Creativity and Musical Experience. *Psicology of Music* [online], Vol 34 (3), 14 halaman. Tersedia: <http://pom.sagepub.com/cgi/content/abstract/34/3/307> [26 oktober 2009].
- Gonzales, P. (2009). *Highlights From TIMSS 2007: Mathematics and Science Achievement of U.S. Fourth and Eighth-Grade Students in an International Context*. Westat: U.S Department of Education.
- Guba, E dan Lincoln, Y. (1989). *Fourth Generation Evaluation*. London: Sage Publication.
- Greedler, M.E. (1992). *Learning and Instruction: theory into practice*. New York : Macmillan Publishing Company.
- Guilford, J.P. (1978). Traits of Creativity. Dalam P.E . Vernon (Eds) *Creativity*. Hammondworth: Penguin Books.
- Hanich, L., Jordan, N., Kaplan, D., & Dick, J. (2001). "Performance across different areas of mathematical cognition in children with learning disabilities". *Journal of Educational Psychology*. (93), 615–626.

- Hargreaves, D.J. (2012). *Musical imagination: Perception and production, beauty and creativity*. [Online]. Tersedia: [http:// pom. sagepub. com/ content/ 40/ 5/539.abstract](http://pom.sagepub.com/content/40/5/539.abstract). [3 September 2012].
- Hurlock, E. B. (1998). *Psikologi Perkembangan*. Jakarta: Penerbit Erlangga.
- Hasan, H.S. (2008). *Evaluasi Kurikulum*. Bandung: PT Remaja Rosdakarya.
- _____. (2007). "Kurikulum Tingkat Satuan Pendidikan", dalam *Ilmu dan Aplikasi Pendidikan*. Bandung :Pedagogiana Press.
- Hatch, R.A. (2002). *Sir Issac Newton, Career and Work*. [online]. Tersedia: www.clas.ufl.edu/users/rhatch/pages/01.../08sr-newton.htm. [29 Juli 2010].
- Hatfield *et al.* (2008). *Mathematics Methods for Elementary and Middle School Teachers*. Arizona: John Wiley and Sons, Inc.
- Hofstede, G.J. (2008). The Origin of Homoludens. Dalam *Why Do Games Work? In search of the active substance*. (eds). Deventer: Kluwer.
- Hogle, J.G. (1996). *Considering Games as Cognitif Tools: In Search of Effective "Edutainment"*. [online]. Tersedia: [http:// www. twinpinefarm. com/pdfs/games. pdf](http://www.twinpinefarm.com/pdfs/games.pdf). [11 November 2009].
- Howell, K.W dan Nolet, V. (2000). *Curriculum-Based Evaluation: Teaching and Decision Making*. United States: Wadsworth Thomson Learning.
- Hurlock, E. B. (1978). *Child Development*. New York: Mc Graw Hill Inc.
- Ismail, A. (2006). *Educational Games*. Yogyakarta: Pilar Media.
- Jacobs, C. (2000). *The Evaluation of Educational Innovation. Evaluation* [online]. Vol 6 (3), 20 halaman. Tersedia: [http:// evi. sagepub. com/ cgi/ content/ abstract/6/3/261](http://evi.sagepub.com/cgi/content/abstract/6/3/261) [5 oktober 2009].

- Johnson *et al.* (1992). *Developing Conceptual Thinking: The Concept Attainment Model*. [online], Vol 66 (2), 9 halaman. Tersedia: <http://proquest.umi.com/pqdweb?index=4&did=5219821&SrchMode=1&sid=5&Fmt=6&VInst=PROD&VType=PQD&RQT=309&VName=PQD&TS=1252130120&clientId=83698>. [26 Oktober 2009].
- Johnson, DW., Johnson, RT., dan Holubec, E. (1993). *The new circle of learning: Cooperative in the classroom and school*. Alexandria, VA: Association for Supervision and Curriculum Development.
- Johnson *et al.* (1992). *Developing Conceptual Thinking: The Concept Attainment Model*. [online]. Tersedia: <http://proquest.umi.com/pqdweb?index=4&did=5219821&SrchMode=1&sid=5&Fmt=6&VInst=PROD&VType=PQD&RQT=309&VName=PQD&TS=1252130120&clientId=83698>. (20 November 2009).
- Jordan, N., Hanich, L., & Kaplan, D. (2003). "A longitudinal study of mathematical competencies in children with specific mathematics difficulties versus children with comorbid mathematics and reading difficulties". *Child Development*, (74), 834– 850.
- Joyce, B., Weil, M dan Calhoun, E. (2009). *Models of Teaching*. Boston: Pearson.
- Kaplan, A. (2008). "Clarifying Metacognition, Self Regulation, Self-Regulated Learning: What's the Purpose?". *Educational Psychology Rev.* (20) 477-484
- Kaufman, J.C., Plucker, J.A dan Russel, CM. (2012). "Identifying and Assesing Creativity as aComponent of Giftedness". *Journal Of Psychoeducational Assesment*. **30** (1), 60-73.
- Kelly, A. V. (1983) .*The Curriculum. Theory and practice* .London: Paul Chapman.
- Kettner, P.M., Moroney, R.M dan Martin, L.L. *Designing and Managing Programs:an effectiveness-Based Approach*. London: Sage Publication.
- Kitsis, A. (2001). *Benefits Of Chess For Academic Perfomance And Creative Thinking* . [online]. Tersedia: [http:// www. vivacityinc. com/chess/ BenefitsOfChess.pdf](http://www.vivacityinc.com/chess/BenefitsOfChess.pdf). [16 Agustus 2009].
- Kneller, GF. (1972). *Foundations of Education: third edition*. Los Angeles: *JohnWiley* and son.

- Koterwas, T. (2004). *What Makes a Learning Game?*. [online]. Tersedia: <http://www.eduweb.com/schaller-games.pdf>. [9 November 2009].
- Labaree, L.(2011). "Joh Dewey and Progressivism in American Education". *Bulletin of the Transylvania University of Brasov*. Vol 4 (53) No.2
- Lakoff, G dan Nunez, R.E. (2000). *Where Mathematics Come From*. New York:Basic Book.
- Lastowa, G. (2009). Rules of Play. *Games and Culture*. [online]. Tersedia : <http://gac.sagepub.com/cgi/content/abstract/4/4/379>. [25 Oktober 2009]
- Lemons, G. (2011). "Diverse Perspective of Creativity Testing: Controversial Issues When Used for Inclusion Into Gifted Program". *Journal for the Education of the Gifted*. **34** (5), 742-772.
- Leemkuil, H. (2008). Educational Computer Games: Scaffolding is the Active Substance. Dalam Caluwe,L; Hofstede,G dan Peters,V (eds): *Why Do Games Work in Search Active Substance*. Deventer: Kluwer.
- Lincoln, Y.S dan Denzin, Norman K. (2009). *Handbook of Qualitative Research*. Yogyakarta:Pustaka Pelajar.
- Lindenskov, L. (1987). Exploring the Student's Own Curriculum. Dalam John A Malone dan Peter C S Taylor (eds): *Constructivist Interpretations of Teaching and Learning Mathematics*. Perth: Curtin University.
- Livne et al.(2009). *Enhancing Mathematical Creativity Through Multiple Solutions To Open-Ended Problems Online I*. [online]. Tersedia: http://www.iste.org/Content/NavigationMenu/Research/NECC_Research_Paper_Archives/NECC_2008/Livne.pdf. [16 Agustus 2009].
- Longstreet, W.S dan Shane, H.G. (1993). *Curriculum for A New Millenium*. Boston: Allyn Bacon.
- Lyra, C.T.(2005). *Biography of James Watt*. [online]. Tersedia: <http://www.egr.msu.edu/~lira/supp/steam/wattbio.html>. [29 Juli 2010].

- Mann, E.L.(2004). *Creativity: The Essence of Mathematics*. [online]. Tersedia: <http://jeg.sagepub.com/content/30/2/236.abstract>. [27 April 2013]
- Matlin, M.W., (2003). *Cognition : fifth edition*. New Jersey: John Wiley and Son Inc.
- Mc Farlane, A. *Report on the Educational Use of Games*. [online]. Tersedia: http://www.teem.org.uk/publications/teem_gamesined_full.pdf. [11 November 2009].
- McGrath, D. J. (2008). *Comparing TIMSS with NAEP and PISA in Mathematics and Science* .[Online]. Tersedia: http://nces.ed.gov/timss/pdf/Comparing_TIMSS_NAEP_%20PISA.pdf. [7 Maret 2010].
- McIntosh, A., Reys, B. & Reys, J. (1992) .”A proposed framework for examining basic number sense”, *For the Learning of Mathematics*.12 (3), 2-8
- Monet, B., Bennet, B dan Rolheiser, C. (tth) .*Concept Attainment*. [online]. Tersedia: <http://www.csun.edu/coe/eed/holle/PACT/instruction/conceptattainment.pdf>. [11 November 2009].
- Morrison, K. (2006). *IGCSE Mathematics*. Cambridge: Cambridge University Press
- Muijs, D dan Reynolds, D. (2008). *Effective Teaching:teori dan aplikasi*. Yogyakarta: Pustaka Pelajar.
- Munandar, U.(2004). *Pengembangan kreativitas anak berbakat*. Jakarta: Rineka Cipta.
- Nata, A. (2005). *Filsafat Pendidikan Islam*. Jakarta: Gaya Media Pratama.
- Necka, E. (1986). On the Nature of Creative Talent. Dalam AJ Cropley (eds): *Giftedness: A Continuing Worldwide Challenge*. New York: Trillium.
- Nolan, K.[2008]. *Theory-Practice Transitions And Dis-Positions In SecondaryMathematics Teacher Education*. [online]. Tersedia: <http://www.mes5.learning.aau.dk/Papers/Nolan.pdf>[8 Maret 2009].
- Oblinger, D. (2006). *Simulations, Games and Learning*. [online] Tersedia: <http://net.educause.edu/ir/library/pdf/ELI3004.pdf>. [11 november 2009].

- Oliva, P.F dan Gordon II, W. (2012). *Developing the Curriculum* (eight edition). Boston: Pearson.
- Ornstein, A.C dan Hunkin, F. P. (2009). *Curriculum: Foundations, Principles and Issues*: Boston: Pearson.
- Patton, M.Q. (1990). *Qualitative Evaluation and Research Methods* (second edition). Newbury Park: Sage Publication.
- Piaget, J. (1969). *Science of Education and The Psychology of the Child*. New York: Viking.
- Pivec, M. (2007). *Games for Learning and Learning from Games*. [online]. Tersedia: http://www.informatica.si/PDF/31-4/07_Pivec-Games.pdf. [11 November 2009].
- Posamentier, A.S dan Stepelmen, J. (2002). *Teaching Secondary Mathematics: Techniques and Enrichment units*. New Jersey: Merril Prentice Hill.
- Posner, G.J. (1992). *Analyzing the Curriculum*. New York: Mc Graw Hill, Inc.
- Pranoto, I. (2012, 16 Juni). *Pendidikan Asingkan Budaya Bernalar*. Kompas, hal 7.
- Prasad, T.J.R dan Prabakaram, K.S (1996). *A Study of The Effectiveness of The Concept Attainment Model in the Teaching of Mathematics*. [Online]. Tersedia: <http://dspace.vidyanidhi.org.in:8080/dspace/bitstream/2009/4539/1/NAG-1996-003-Prelim.pdf>. [8 Maret 2010].
- Prensky, M. (2001). *Do They Really Think Differently*. [online]. Tersedia: <http://www.marcprensky.com/writing/prensky%20-20digital%20natives,%20digital%20immigrants%20-%20part2.pdf>. [15 Oktober 2011].
- Print, M. (1993). *Curriculum Development*. Sydney: University of Sydney Press.
- Radu, L. (2011). Progressivism, Schools and Schools of Education: An American Romance. *Paedagogica Historica*. Vol 41 (1,2), 275-288

- Rahardjo, T.(2013, 7 Januari). *Publikasi Ilmiah dan Aplikasi Paten Indonesia Rendah*. Kompas. [online]. Tersedia: <http://sains.kompas.com/read/2013/01/07/11454710>.
- Reese, C dan Wells, T.(2007). Teaching Academic Discussion Skills with a Card Game. *Simulation&Gaming* [online], Vol 38 (4), 9 halaman. Tersedia ://sag.sagepub.com/cgi/content/abstract/38/4/546 [28 oktober 2009].
- Resnick *et al.*(2005). *Design Principles for Tools to Support Creative Thinking*. [online]. Tersedia: [http:// www. cs.umd. edu/ hcil/ CST/ Papers/ designprinciples.pdf](http://www.cs.umd.edu/hcil/CST/Papers/designprinciples.pdf). [16 Agustus 2009].
- Rosenbalt, E dan Winner, E. (1988). The Art Children's Drawing. *Journal of Aesthetic Education*, Vol 22, hal 3-15.
- Rosyada *et al.*,(2003). *Demokrasi, Hak Asasi Manusia, Masyarakat Madani*. Jakarta: UIN Jakarta.
- Rowe, J.C. *An Experiment in the Use of Games in the Teaching of Mental Arithmetic*. [online]. Tersedia: <http://people.exeter.ac.uk/PErnest/pome14/rowe.pdf>.
- Sanjaya, W. (2007). *Kajian Kurikulum dan Pembelajaran*. Bandung: Sekolah Pascasarjana Universitas Pendidikan Indoensia.
- Seel, N.M dan Dijkstra, S. (2008). "Introduction: Instructional Design and Curriculum Development", dalam *Curriculum, Plans, and Processes in Instructional Design*. New Jersey:Lawrence Erlbaum Associates.
- Seels. B.B dan Richey, R.C. (1994). *Instructional Technology : The Defenition and Domain of the Field*. Washington DC: Assosiation for Educational Technology and Information.
- Sfard, A. (1994). Mathematical Practices, Anomalies and Classroom Communication Problems. Dalam Paul Ernest(eds) : *Constructing Mathematical Knowledge: epistemology and mathematics Education*. London: The Falmer Press.
- Shaw, M.P. (1989). "The Eureka Process: a structure for the Creative Experience in Science and Engineering". *Creativity Research Journal* . 6 (2),286-298.

- Siemon, D.(2007). *Developing The 'Big' Ideas In Number*. [Online]. Tersedia: www.education.vic.gov.au/studentlearning/teachingresources/maths/. [11 Agustus 2010].
- Slattery, P.(2006). *Curriculum Development in the postmodern era: second edition*. New York: Routledge.
- Slavin, R.E dan Lake, C.(2008). *Effective Programs in Elementary Mathematics: A Best Evidence Synthesis*. [online]. Tersedia: <http://rer.sagepub.com/content/78/3/427>.
- Slomp, J., Van Deer Zee, D.J and Mollemen, E. (2008). The Challenge Within A Game: searching for a Balance between Objective Time Fence and System Complexity. Dalam *Why Do Games Work? In search of the active substance*.(eds). Deventer: Kluwer.
- Smith *et al.* (2002). *Teaching Number:Advancing Children's Skills and Strategies*. Paul Chapman Publishing: London.
- Smith, M. K. (1996, 2000) '*Curriculum theory and practice' the encyclopedia of informal education*,[online]. Tersedia: www.infed.org/biblio/b-curric.htm. [23 Juni 2008].
- Sobel, M. A dan Maletsky, E. M. (2001). *Teaching Mathematics*. Pearson: Montclair.
- Speranza, F. (1994). The Idea of 'Revolution' As an Instrument for the Study of the Development of Mathematics and Its Application to Education. Dalam Paul Ernest(eds) : *Constructing Mathematical Knowledge: epistemology and mathematics Education*. London: The Falmer Press.
- Sponsoller, D. (1974). *Play as a learning medium*. Washington: US Departement of Health, Education and Welfare.
- Sobel, M.A dan Maletsky, E.M. (2003). *Mengajar Matematika*. Penerbit Erlangga: Jakarta.
- Stenberg, RJ. (2006). *Creativity is a habit*. [online]. Tersedia: http://www.edweek.org/ew/articles/2006/02/22/24sternberg_h25.html. [27 April 2009].

- Stenhouse, L. (1975) *An introduction to Curriculum Research and Development*. London: Heineman.
- Steward, D.W dan Shamdassani, P. M. (1990). *Focus Group: Theory and Practice*. California: Sage Publication.
- Sugiyono. (2009). *Statistika Untuk Penelitian*. Bandung: Alfa Beta.
- Sukmadinata, N.S. (2001). *Pengembangan Kurikulum: teori dan praktek*. Bandung: Remaja Rosdakarya.
- _____. (2005). *Metode Penelitian Pendidikan*. Bandung: Remaja Rosdakarya.
- Sullivan, P dan Lilburn, P. (2005). *Open-ended Math Activities: using 'good' question to enhance learning in mathematics*. London: Oxford University Press.
- Sumantri, M dan Sukmadinata, N.S (2007). *Perkembangan Peserta Didik*. Jakarta: Universitas Terbuka.
- Sumarmo, U. (2006). *Berpikir Matematik Tingkat Tinggi: Apa, Mengapa dan Bagaimana Dikembangkan pada Siswa Sekolah Menengah dan Mahasiswa Calon Guru*. Makalah disajikan Seminar Matematika di UNPAD. Bandung: Tidak Diterbitkan.
- Suriasumantri*, J.S.(2000). *Filsafat Ilmu: sebuah pengantar populer*. Jakarta: Pustaka Sinar Harapan .
- Suseno, F.M.(2001). *Pemikiran Karl Marx: Dari Sosialisme Utopis ke Perselisihan Revisionisme*. Jakarta: Gramedia Pustaka Utama.
- Symon *et al.* (1989). Why Be Optimistic About Cognitive Strategy Instruction? Dalam Christina B Mc Cormick, Gloria Miller dan Michael (eds). *Cognitive Strategy Research: from basic research to educational Applications*. New York: Springer-Verlag.
- Taba, H. (1962). *Curriculum Development: theory and practice*. New York: Harcourt, Brace&World Inc.

- Taner, D. & Taner, L.N.(1980). *Curriculum Developemnt Theory into Practice*. New York. Mac Millan Publishing Co. Inc.
- Verschaffel, L., Greer, B & De Corte, E. (2007). Whole Number Concepts and Operations. Dalam Frank K. Lester, Jr (Eds): *Second Handbook of Research on Mathematics Teaching and Learning*. USA: National Council of Teacher Mathematic.
- Villegas, M., Neigebauer, S. R dan Venegas, K. (2008). *Indigeneous Knowledge and Education*. London: Harvard University Review.
- Von Glasersfeld, E. (1995). *Radical Constructivism. A way of Knowing and Learning*. London: Palmer Press. Wadsworth, B.J. (1978). *Piaget for the Classroom Teacher*. NewYork: Longman.
- Zais, R.S.(1976). *Curriculum Principles and Foundation*. New York: Harper & Row Publisher.
- (2003). Undang-Undang Sistem Pendidikan Nasional. Jakarta: Kementerian Pendidikan Nasional RI.
- (2006). Peraturan Menteri No 22 Tentang Standar Isi. Jakarta: Kementerian Pendidikan Nasional RI.
- (2012). Dokumen Paten No. ID P0030622. Jakarta: Departemen Hukum dan HAM RI.