

## DAFTAR PUSTAKA

- Arikunto, S. 1990. *Prosedur Penelitian*. Yogyakarta : Rineka Cipta.
- ATKP Medan. 2007. *Pedoman Penyelenggaraan Pendidikan dan Pelatihan Pembentukan Taruna Departemen Perhubungan ATKP Medan*. Medan : Aktar
- Bell, B. F. 1993. *Children Science Constructivisme and Learning Science*. Victoria: Deakin University Australia.
- Bloom, B. S. 1979. *Taxonomi of Educational Objectives Book I Cognitive Domain*. London: Longman Group.
- Brooks, J., & Brooks, M. 1993. *The case for the constructivist classrooms*. Alexandria, Va: ASCD.
- Brown, D.E. & Clement, J. 1989. Overcoming Misconceptions In Mechanics: Abstract transfer versus explanatory model construction. *Instructional Science*. Vol. 18, pp. 237-261.
- Budiningsih, Asri C. 2005. *Belajar dan Pembelajaran*. Jakarta: Rineka Cipta.
- Carin, A.A & Sund, R.B. 1989. *Teaching Science Through Discovery*. Columbus Ohio: Meril Publishing Company.
- Cosgrove, M & Osborne, R. 1985. Lesson Frame Work for Changing Childrens' Ideas. *Learning in Science*. Auckland: Heineman.
- Dagher, Z.R. 1994. Does the Use of Analogies Contribute to Conceptual Change, *Science Education*, Vol. 78, No. 6, pp. 601-614.
- Dahar, R. W. 1989. *Teori-teori Belajar*. Jakarta: Erlangga.
- Davis, R. M, C., Noddings, N. 1990. Introduction: Constructivist views on the teaching and learning of mathematics. In R. Davis, C. Maher, & N. Noddings (Eds.) *Constructivist views on the teaching and learning of mathematics* (pp.7-18). Reston, Va: National Council of Teachers of Mathematics.
- Duncan, R. M. 1995. Piaget and Vygotsky revisited: Dialogue or assimilation? *Developmental Review*. 15, 458-472.
- Dykstra, D.J. 1992. Studying Conceptual Change : Constructing New Understanding. *Research in Physics Learning : Theoretical Issue and Empirical Studies*. Pp. 40-58. Germany : Institute for Science Education.

- Edna, V.G. 2008. "Pengembangan Konsepsi Siswa Tentang Sistem Reproduksi Manusia Melalui Pendekatan Konstruktivisme". *Tesis*. PPS Unimed Medan.
- Gagné, R. M. dan Briggs, Leslie. 1992. *Principles of instruction design*. New York: Holt, Rinehart and Winston
- Gilbert, J.K., Osborne, R.J. & Fensham, P.J. 1982. Children,s Science and its Consequences for Teaching. *Science Education*, v66, n4, 623-33.
- Graifhan, Ramadhani. 2002. *Modul Pengenalan Internet* (online). <http://dhani.singcat.com>. Revisi: 28 Juli 2003. diakses tanggal 23 Juni 2008.
- Harahap, M.B., 2005. Efek Model Pembelajaran Konstruktivis Kognitif-Sosial Dan Non-Konstruktivis Konvensional Terhadap Hasil Belajar Fisika Dasar Mahasiswa Program S1 Pmpipa Lptk-Fkip Universitas. *Desertasi*. UPI : Bandung
- Hartono, J. 1983. *Dasar-dasar komputer*. Yogyakarta: Penerbit Andi.
- Hurlock. 1993. Correlations Between Home Environment and Self-Concepts. *Thesis*. Hebron.
- Jones, M. Gail. 2002. The Impact of Constructivism on Education: Language, Discourse, and Meaning. *American Communication Journal*. v5.
- Kartimi. 2004. Pengembangan model pembelajaran interaktif berbasis komputer untuk bahan kajian partikel-partikel materi sebagai wahana pendidikan siswa SLTP. *Tesis*. UPI : Bandung.
- Kemmis, S., & Mc Taggart, R. 1988. *The Action Research Planner* (3<sup>rd</sup> substantially revised ed). Vistoria:Deakin University Press.
- Kemp, Jerrold.E, Morisson, Gary.R, dan Ross, Steven. M. 1994. *Designing Effective Instruction*. New York: Macmillan College Publishing, Inc
- Lalik, Bintartik. 1997. "Perubahan Konsep Taruna pada Pembelajaran Topik Pernapasan di SD". *Tesis*. PPS IKIP Bandung.
- Lawson, A.E. 1979. AETS Yearbook The Psychology of Teaching for Thinking and Creativity. *Science Education Information Report*. Ohio : Clearinghouse.
- Linn, R. L. and Groniund, N. E. 1995. *Measurement and Assessment in Teaching* (7th ed.). New Jersey. Merril: Englewood Cliffs.

- Nasution, S, 1982. *Berbagai Pendekatan Dalam Proses Belajar Mengajar*. Jakarta: bumi aksara
- Naylor, S. & Keogh, B. 1999. Constructivism in Classroom: Theory into practice. *Journal of Science Teacher Education*, 10, 93-106.
- Nurbandiyah. 2006. Pengembangan Model Pembelajaran Konstruktivisme Untuk Meningkatkan Hasil Belajar Siswa Dalam Pembelajaran Fisika Di Smp. *Tesis*. PPS IKIP Bandung.
- Osborne, R., & Freyberg, P. 1985. Children's science. In R. Osborne & P. Freyberg (Eds.), *Learning in Science*. Auckland, NZ: Heinemann. 5-14.
- Piaget, J. 1929. *The Child's Conception of the World*. New York : Harcourt, Brace Jovanovich.
- Rahayu, D.E. 2006. Eksperimentasi pembelajaran interaktif setting kooperatif (PISK) pada limit fungsi aljabar ditinjau dari aktifitas belajar matematika siswa kelas XI-IA semester II SMA Batik 1 Surakarta tahun ajaran. *Tesis*. UNS-FKIP
- Ramsey, J. 1993. Developing conceptual storylines with the learning cycle. *Journal of Elementry Science Education*. v5, n2, 1-20.
- Sadia, W. 1996. "Pengembangan Model Mengajar Konstruktivisme Dalam Pembelajaran IPA di SMP". *Disertasi*. PPS IKIP Bandung.
- Saptono, S. 1997. "Pengembangan Konsep Tentang Darah Dalam Penelitian Pembelajaran IPA", (Penelitian Tindakan Kelas di SD Negeri Perumnas Banyumanik Semarang). *Tesis*. PPS IKIP Bandung.
- Suyanto. 1996. *Pedoman Pelaksanaan Penelitian Tindakan Kelas (PTK) : Bagian Kesatu Pengenalan Penelitian Tindakan Kelas*. Yogyakarta : Dirjen Dikti.
- Suyitno. 1995. *Karakteristik IPA dan konsekuensi pembelajaran bagi taruna*. Bandung : Cakrawala Pendidikan.
- Sutrisno, H. 1991. *Statistik Jilid 2*. UGM. Yogyakarta : Yayasan Penerbit Psikologi.
- Sudirman. 1987. *Ilmu Pendidikan Bandung*. Bandung : Remadja Rosda.
- Supriyadi, Dedi. 1994. *Kreativitas Kebudayaan dan Perkembangan IPTEK*. Bandung: Alfabeta.
- Susan, C., Marilyn, L. dan Tony, T. 1995. *Learning to Teach in the Secondary School*. London: Routledge

- Slavin, R. E. 1995. *Cooperative Learning: Theory, Research and Practice*. Boston : Allyn & Bacon.
- Tasker, R. 1992. *Effective teaching: what can a constructivist view of learning offer*. 30(9), 1087-1101.
- Triyadi. 2006. *Teknologi Informasi dan Komunikasi*, Solo : PT. Tiga Serangkai Pustaka Mandiri.
- Tomo. 1995. "Model Konstruktivis untuk membangkitkan perubahan konseptual taruna dalam pengajaran IPA". *Tesis*. PPS IKIP Bandung.
- Tukey, J. 2000. *Statistician; Coined the Word 'Software'*, New York : New York Times, Obituaries. 85.
- Tytler, R. 1996. *Constructivism and Conceptual Change View of Learning in Science*. *Majalah Pendidikan IPA: Khasanah Pengajaran IPA*. Bandung: IMAPIPA.
- West, L.T.H. & Pines, A.L. 1985. *Cognitive, Structur and Conceptual Change*. London. 163-188.
- Woolfolk, A.E. 1987. *Educational Psychology* (3rd Ed). Englewood Cliffs, New Jersey: Prentice-Hall.
- Wheatley, G.H. 1991. *Constructivist perspective on science and mathematic learning*. Science Education.
- Yager, R.E. 1991. The constructivist learning model: Towards real reform in science education. *The Science Teacher*, 58(6), 52-57.
- Arema. 2001. *Mengenal Internet dan Intranet*. <http://@rema.cjb.net>. diakses tanggal 3 Juli 2008.