

### DAFTAR PUSTAKA

- Armstrong, T. (1994). *Multiple Intelligences in the Classroom*. Alexandria: ASCD.
- Bell, B.F. (1993). *Children's Science, Constructivism and Learning in Science*. Geelong: Deaken University.
- Berk, L.E. (1989). *Child Development*. Massachusetts: Allyn & Bacon.
- Collea, F.P. *et al.* (1975). *Workshop on Physics Teaching and the Development of Reasoning*. New York: American Association of Physics Teachers.
- Cutnell, J.D. (1995). *Physics (third edition)*. New York: John Wiley & Sons.
- Departemen Pendidikan dan Kebudayaan. (1990). *Keputusan Direktur Jenderal Pendidikan Tinggi Departemen Pendidikan dan Kebudayaan Republik Indonesia No. 36/Dikti/Kep/1990 tentang Kurikulum Pendidikan Matematika dan Ilmu Pengetahuan Alam Lembaga Pendidikan Tenaga Kependidikan (MIPA-LPTK) Program Strata-1 (S1)*. Jakarta: Depdikbud.
- Dewey *et al.* (1992). "Studying Conceptual Change in Learning Physics". *Science Education*. 76 (6). 615-652.
- Glasson, G.E. & Lalik, R.V. (1993). "Reinterpreting the Learning Cycle from a Social Constructivist Perspective Qualitative Study of Teacher's Beliefs and Practices". *Journal of Research in Science Teaching*. 30 (2), 197-207.
- Gredler, M.E. (1992). *Learning and Instruction Theory into Practice* (second ed.). New York: Macmillan Publishing Company.
- Halliday, D. & Resnick, R. (1986). *Fundamentals of Physics (second edition)*. New York: John Wiley & Sons.
- Hecht, E. (1994). *Physics, Algebra/Trig*. California: Brooks/Cole Publishing Company.
- Hinduan, A.A. *et al* (1992). *Profil Hasil Belajar Mahasiswa TPB FPMIPA IKIP Bandung dalam Memahami Konsep-konsep Fisika Dasar*. Penelitian OPF IKIP Bandung: Tidak Dipublikasikan.
- Hinduan, A.A. (1996). *Sumbangan Bekal Kemampuan Dasar Fisika bagi Keberhasilan Mahasiswa Baru dalam Mata Kuliah Fisika Dasar (Studi Kasus di Jurusan Pendidikan Fisika IKIP Bandung)*. Penelitian OPF IKIP Bandung: Tidak Dipublikasikan.

- Huitema, B.E. (1980). *The Analysis of Covariance and Alternatives*. New York: McGraw-Hill.
- Inhelder, B. & Piaget, J. (1958). *The Growth of Logical Thinking from Childhood to Adolescent*. New York: Basic Books, Inc., Publishers.
- Joyce, B. *et al.* (1992). *Models of Teaching* (fourth ed.). Massachusetts: Allyn and Bacon.
- Kirk, R.E. (1982). *Experimental Design: Procedures for the Behavioral Sciences* (second ed.). California: Brooks/Cole Publishing Company.
- Lawson, A.E. (1989). "Research on Advanced Reasoning Concept Acquisition and a Theory of Science Instruction". dalam Philip Adey *et al* (Eds.). *Adolescent Development and School Science*. New York: The Falmer Press.
- Lonning, R.A. (1993). "Effect of Cooperative Learning Strategy on Student Verbal Interactions and Achievement during Conceptual Change Instruction in 10th Grade General Science". *Journal of Research in Science Teaching*: 30 (9), 1087-1101.
- Newman, F. & Holtzman, L. (1993). *Lev Vygotsky*. London & New York: Routledge.
- Novak, J.D. (1977). *A Theory of Education*. Ithaca & London: Cornell University Press.
- Roth, W.-M. & Roychoudhury, A. (1993). "The Concept Map as a Tool for the Collaborative Construction of Knowledge: A Microanalysis of High School Physics Students". *Journal of Reseach in Science Teaching*. 30(5): 503-534.
- Shipstone, D. (1985). "Electricity in Simple Circuits". dalam Rosalind Driver (Eds.). *Children's Ideas in Science*. Milton Keynes, Philadelphia: Open University Press.
- Sihite, L.E. & Silalahi, O. (1992). *Fisika Dasar II Buku Pegangan Kuliah Mahasiswa untuk Program Bersama MIPA IKIP Medan*. Medan: Jurusan Fisika FPMIPA IKIP Medan.
- Sinuraya, J.B. (1996). *Pengaruh Interaktif antara Metode Galperin dan Motivasi Berprestasi terhadap Hasil Belajar Fisika Dasar II Mahasiswa Jurusan Pendidikan Fisika FPMIPA IKIP Medan*. Penelitian dibiayai Dana SPP-DPP IKIP Medan: Tidak Dipublikasikan.

- Strike, K.A. & Posner, G.J. (1985). "A Conceptual Change View of Learning an Understanding". dalam Leo H. T. West & A. Leon Pines (eds.). *Cognitive Structure and Conceptual Change*. Orlando: Academic Press, Inc.
- Trowbridge, L.W. & Bybee, R.W. (1990). *Becoming a Secondary School Science Teacher* (fifth ed.). Columbus: Merrill Publishing Company.
- Trumper, R. & Gorsky, P. (1993). "Learning About Energy: The Influence of Alternative Frameworks, Cognitive Levels, and Closed-Mindedness". *Journal of Research in Science Teaching*. 30(7), 637-648.
- Tytler, R. (1996). "Constructivism and Conceptual Change Views of Learning in Science". *Khazanah Pengajaran IPA*. 1(3), 4-20.
- van den Berg, E. (Editor) (1991). *Miskonsepsi Fisika dan Remediasi*. Salatiga: Universitas Kristen Satya Wacana.
- Vygotsky, L.S. (1978). "Mind in Society, The Development of Higher Psychological Processes". dalam Michael Cole *et al* (Eds.) *Mind in Society, The Development of Higher Psychological Processes*. Cambridge: Harvard University Press.
- Watts, M. (1994). *Constructivism*. Massachusetts: Allyn & Bacon.
- West, L.H.T. & Pines, A.L. (Eds.) (1985). *Cognitive Structure and Conceptual Change*. Orlando: Academic Press, Inc.
- Wittrock, M.C. (1987). "Models of Heuristic Teaching". dalam Michael J. Dunkin (Eds.). *The International Encyclopedia of Teaching and Teacher Education*. Great Britain: Pergamon Press.
- Yager, R.E. (1991). "The Constructivist Learning Models". *The Science Teacher*. September 1991.
- Yager, R.E. (1992). "The Constructivist Learning Model: A Must for STS Classrooms". dalam Yager, Robert E. (Eds.) (1992). *The Status of Science-Technology Society Reform Efforts around the World*. Arlington, Virginia: ICASE Year Book.