

DAFTAR PUSTAKA

- Ajewole G. Adeniyi (1991). "Effects of Discovery and Expository Instructional Methods on the Attitude of Students to Biologi". Journal of Research in Science Teaching. Vo. 28. NO.5 PP.401-409.
- Akib Hamid, (1984). Osmosa Sebagai Suatu Model Praktikum IPA Terpadu Pada Pelajar SMA Dalam Rangka Meningkatkan Hasil Belajar IPA. Tesis tidak dipublikasikan. IKIP Bandung.
- Beerling Kwe & Mory Van Peursen, Alih Bahasa oleh Soejono Soemargono (1988). Pengantar Filsafat Ilmu. Tiara Wacana, Yogyakarta.
- Bell, F.H (1978). Teaching And Learning Mathematics in Secondary School. Wm.C Brown Company, Dubuque, Iowa.
- Bloom, Benyamin.S. et al.(1971). Hand Book on Formatif and Sumative Evaluation of Student Learning. Publisher By Mc Graw Hill, Inc Chicago.
- Brand Wein, et al.(1958).Teaching High School Science. A Book Of Methods. Harcourt, Brace and Company, inc. USA.
- Bush, W.Y & Kenneth.W.W (1982) Diagnosing Learning Problem. Charle E.Merril Publishing, Toronto.
- Campbell, Donald T.& Stanley, Julian C. Experimental And Quasi - Experimental Designs For Research. Published By Rand M C Nally & Company Chicago.
- Carin, Arthur A.& Sund, Robert B (1975). Teaching Science Through Discovery. Third Edition Charles. Merril Publishing Company. Columbus, Ohio.
- Crow, L.D & Crow, A (1958). Educational Psychology. New York. American Book. Co.
- Davis & Alexander (1974).Learning System Design : An Approach To The Improvement of Intruction. New York: MC Graw-Hill Book Company.
- Depdikbud (1987). Kurikulum SMP, Garis-garis Besar Program Pengajaran.. Jakarta.
- Depdikbud (1993). Kurikulum Pendidikan Dasar. GBPP SLTP, Mata Pelajaran IPA. Jakarta.

- Elizabeth & Doran (1993). "Assessing Problem Solving". Eric Charing House for Science, Mathematics, and Enviromental Education. Columbus.
- Free, Pouw & Terlouw (1992). "The Transfer Effect of Teaching Systematic Problem Solving Techniques in Computer Assisted Learning". Europen Conference on Educational Research. University of Twente, Netherland.
- Gagne, Robert.M (1985). The Conditions of Learning, and Theory of Instruction. Fourth Edition. CBS College Publishing, New York.
- Gagne, R.M et al.(1992). Principles of Instructional Design. Fourth Edition. Holt. Rinehart and Winston, New York.
- Germann, J. Paul (1988). "Development of the Attitude Toward Science in School Assesment and it Use to Investigate the Relationship between Science Echievement and Attitude Toward Science in School". Journal of Research in Science Teaching. Vol. 25 NO. 8 pp. 689-703.
- Giancoli C.Douglas (1991). Physics, Principles With Applications. Prentice-Hall International Editions. USA.
- Houston, J Bank (1964). Learning And Teaching Arithmetics. School Edition, Allyn And Bacon Inc, USA.
- Isparyadi (1988). Statistik Pendidikan. Departemen Pendidikan Dan Kebudayaan Dirjen. Dikti PPLPTK, Jakarta.
- Klausmeier, H.J (1986). Learning and Teaching Concepts A.Strategy for Testing Applications of Theory. Educational Psychology. By Academic Press, Inc New York.
- Kurtz, Norman. R (1983). Introduction To Social Statistics. International Student Edition. McGraw-Hill International Book Company Japan.
- May, L.J (1970). Teaching Mathematics in The Elementary School. The Free Press, New York.
- Marthen Kanginan, (1993). IPA Fisika SMP. Semester 5 dan 6 GBPP 1987. Penerbit Erlangga, Jakarta.

- Mason, S.F (1966). Main Currents of Scientific Thought. A History of The Science. ABE CARD-Schuman, New York.
- Mettes, C.T.W et al.(1980). " Teaching and Learning Problem Solving in Science". Part. I: A general strategi. Journal of Chemical Education. 882-885.
- Misiti, et al.(1991). "Science Attitude Scale for Middle School Students".Science Education. Volume 75 Number 5.
- Mulder & Tiamessen (1992). "Problem Solving and Sequencing for Problem Solving in Mechanics in Higher Education". European Conference on Educational Research. University of Twente, Netherlands.
- Ngalim Purwanto (1985). Prinsip-prinsip dan Teknik Evaluasi Pengajaran. Penerbit Remaja Karya, Bandung.
- Polya (1980). "On Solving Mathematical Problems in High School". Problem Solving in School Mathematics. NCTM.
- Posamentier, S Alfred& Stepelman jay (1990). Teaching Secondary School Mathematics. Techniques and Enrichment Unit. Third Edition, Merril Publishing Company, Columbus, Ohio.
- Pestel, Beverly.C (1993). " Teaching Problem Solving Without Modeling Throuth Thinking Alout Pair Problem Solving". Rose Hulman Institute of Technology, Terre Houe in Science Education. 77(1): 75 - 82 .
- Pranyoto Setjoatmodjo (1988). Filsafat Ilmu Pengetahuan. PPLPTK Dirjen Dikti Depdikbud. Jakarta.
- Ratna Wilis Dahar (1989). Teori-Teori Belajar. Penerbit Erlangga jakarta.
- _____ (1992). Kemampuan Berbahasa Dan Berpikir Dalam Pendidikan IPA Pada Tingkat Pendidikan Dasar Dan Menengah. Makalah Disajikan pada Seminar Nasional Hasil Penelitian Pendidikan MIPA II. Bandung.
- Roswati, dkk (1992). "Kesulitan Mahasiswa FPMIPA Dalam Memahami Materi Perkualihan Fisika dasar pada Program TPB" . Laporan Penelitian IKIP Bandung. Bandung.

- Rusefendi, E.T (1988). Pengantar Kepada Membantu Guru Mengembangkan Kompetensinya Dalam Pengajaran Matematika. Penerbit Tarsito Bandung.
- Sanapiah Faisal (1982). Metodologi Penelitian Pendidikan. Penerbit Usaha Nasional, Surabaya.
- Sharma, R.C (1981). Modern Science Teaching. Published by J.C.Kapur, for Dhanpat Rai & Sons. New Delhi.
- Shavelson & Baxter, (1991). "Performance Assesment in Science". Lawrence Erlbaum Associates. Inc. California.
- Slametto, Dkk (1992). "Efektivitas Metode Lembaran Kerja Dalam Meningkatkan Kemampuan Menalar Dalam Membuat Model Matematika Untuk Menyelesaikan Soal Cerita". Laporan Penelitian FKIP Universitas Sebelas Maret. Surakarta.
- Soeharsono, (1992) "Faktor Internal Kaitannya Dengan Prestasi Belajar kalkulus I Mahasiswa S-1 Jurusan Fisika F.P MIPA IKIP Surabaya". Makalah Disajikan Pada Seminar Nasional Hasil Penelitian Pend. MIPA II. Bandung.
- Stam, V.H (1992). "Learning Aid for Problem Solving in Physics". European Conference on Educational Research. University of Twente. Netherlands.
- Subino, (1987). Konstruksi dan Analisis Tes, Suatu Pengantar Kepada Teori Tes dan Pengukuran. Depdikbud Dikti. PPLPTK, Jakarta.
- Sudjana (1989). Cara Belajar Siswa Aktif Dalam Proses Belajar Mengajar. Penerbit Sinar Baru Bandung.
- Suharsimi, (1992). Dasar-dasar Evaluasi Pendidikan. Penerbit Bumi Aksara, Jakarta.
- Suriasumantri, S.J (1990). Filsafat Ilmu. Pustaka Sinar Harapan. Jakarta.
- Suryatin, (1990). Keterkaitan Antara Minat Baca Sastra Indonesia dan Pengalaman Belajar Sastra Indonesia Dengan Tingkat Kemampuan Apresiasi Sastra Indonesia. Tesis Tidak Dipublikasikan. IKIP Bandung.
- Travers, Robert M.W (1982). Essentials of Learning. The New Cognitive Learning for Students of Educations. Fifth Edition. Macmillan Publishing Co. Inc. New York.

- Tuma, T David & Reif Frederick (1980). Problem Solving And Education. Issues in Teaching and Research. Lawrence Erlbaum Associates, Publishers, New Jersey.
- Utari Sumarmo (1987). Kemampuan Pemahaman Dan Penalaran Matematika Siswa SMA Dikaitkan Dengan Kemampuan Penalaran Logik Siswa Dan Beberapa Unsur Proses Belajar Mengajar. Disertasi Tidak Dipublikasikan. IKIP Bandung.
- Utari Sumarmo, dkk (1994). "Suatu Alternatif Pengajaran Untuk Meningkatkan Kemampuan Pemecahan Masalah Matematika Pada Guru dan Siswa SMP". Laporan Penelitian Jurusan Pendidikan Matematika FPMIPA IKIP Bandung.
- Zajchowski & Martin (1993). "Differences in The Problem Solving of Stronger and Weaker Novices in Physics; Knowledge, Strategies, or Knowledge Structure". Journal of Research in Science Teaching. Vol. 30. No.5

