

DAFTAR PUSTAKA

- Alwasilah, A., C. (2011). *Pokoknya action research*. Bandung: PT. Kiblat Buku Utama.
- Asabe, M.B. (2013). A Study of Students Attitude towards the Three Categories of Questions in W.A.E.C. Practical Chemistry Examination in Zaria Inspectorate Division of Kaduna State, Nigeria. *Journal of Applied Chemistry*. 3(5), hlm. 1-4.
- Bandura, A. (1997). *Self Efficacy the exercise of Control*. New York : W.H Freeman and Company
- Barkley, E.F., Cross, K.P., & Major, C.H. (2005). *Collaborative Learning Techniques: A Handbook for College Faculty*. San Francisco: Jossey-Bass.
- Burke, A. (2011). *Group Work: How to Use Groups Effectively*. *The Journal of Effective Teaching*, Vol. 11, No. 2, 2011, 87-95
- Brousseau, G. (2002). *Theory of didactical situations in mathematics*. New York: Kluwer Academic Publishers.
- Chang, R. (2003). *General Chemistry : The Essential Concepts*. Third Edition. United States : McGraw Hill
- Cresswell, J.W. (2007). *Qualitative Inquiry & Research Design: Choosing Among Five Approaches, 2nd ed*. California : Sage Publication.
- Daniels, H. (1996). *An Introduction to Vygotsky*. London: Routledge.
- Daniels, H. (2014). Introduction. *Emotional and Behavioural Difficulties*, 19(1), 671-684.
- Ezenwosu, S.U., & Nworgu, Loretta N. (2013). *Efficacy of Peer Tutoring and Gender on Students' Achievement in Biology*. *International Journal of Scientific & Engineering Research*, Volume 4 (12).
- Fitriani, Y. (2015). *Desain Didaktis Pada Materi Hidrolisis Garam Berdasarkan Kesulitan Belajar Siswa Sma Dan Refleksi Diri Guru Melalui Lesson Analysis*. (Tesis). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.

- Fuchs D., Fuchs L.S., Thompson A., Stevenson E., Yen L., et al (2002). *Peer-Assisted Learning Strategies in Reading: Extensions for Kindergarten, First Frade, and High School*. Remedial and Special Education (22), 15-21.
- Furio, C., Azcona R. & Guisasola, J. (2002). The Learning and Teaching of The Concepts Amount Oof Substance and Mole. *Chemistry Education: Research and Practice in Europe*. 3(3), hlm. 277-292.
- Gokhale, A.A. (1995). *Collaborative learning enhances critical thinking*. Journal of Technology education. 7(1).
- Golding .S, Lisa. F and Tennant (2006). *Effect of peer tutoring attitude and personality on academic performance of first year intro-ductory programming students*. Jamaica: Taylor and Francis Ltd.
- Gose M. (2009). *When Socratic dialogue is flagging: questions and strategies for engaging students*. J Coll Teach Learn. (1), 45–49.
- Heyworth, R. 1982. *Bilingual Microtaeching: An Analysis of Questioning Skills*. CUHK Education Journal 10 (1): 35-43
- Hidayat, A. & Hendayana, S. (2013). Developing tools for analyzing of classroom interaction: Does it student-centered or teacher-centered lesson. *International Seminar on Mathematics, Science, and Computer Science Education*. Bandung, Universitas Pendidikan Indonesia.
- Johnson, D.W. (1971). *Effectiveness of role reversal: actor or listener*. Journal of Psychological Reports. 28(1), pp. 275-282.
- Johnson, R. T., and Johnson, D. W. (1985). *Relationships Between Black and White Students in Intergroup Cooperation and Competition*. Journal of Social Psychology. 125(4), pp. 421-428.
- Kind, Vanessa. 2004. *Beyond appearances: students' misconceptions about basic chemical ideas 2nd edition*. Amerika Serikat: School of Education Durham University Durham DH1 1TA.
- Kumar, M. (2006). *Constructivists epistemology in action*. Journal of Educational Thought, Vol. 40, No. 3, pp. 246-262. Shabani H. 2007. Teaching skills, second volume. Tehran, Samt.
- Kuno. (2012). *Impact of lesson study sharing the values of high quality lesson*. WALIS International Conference, Singapura.

- Kuno. (2014). *Transcript-based lesson analysis: a way for deeply understanding of lessons*. WALIS International Conference. Bandung, UPI
- Kunandar. (2008). *Langkah mudah penelitian tindakan kelas sebagai pengembangan profesi guru*. Jakarta: Rajawali.
- Kurbanoglu, N.I. & Akim, A. (2010). The Relationship Between University Students' Chemistry Laboratory Anxiety, Attitudes, and Self Efficacy Belief. *Australian Journal of Teacher Education*. 35 (8), hlm. 48-59.
- Leonard, P. E., & Leonard, L.J. (2001). The collaborative prescription: Remedy or reverie? *International Journal of Leadership in Education*, 4(4); pp. 383–99.
- Loughran, J.J. (2005) *Developing reflective practice: learning about teaching learning through modelling*. Bristol: Falmer Press
- Marsita, R.A., Priatmoko, S., & Kusuma, E. (2010). Analisis Kesulitan Belajar Kimia SMA dalam Memahami Materi Larutan Penyangga dengan Menggunakan *Two-tier Multiple Choices Diagnostic Instrument*. *National Scientific Journal of UNNES*, 4(1), 512-520.
- Masaaki, S. (2012). Dialog dan Kolaborasi di Sekolah Menengah Pertama : Praktek “*Learning Community*”. Jakarta : PELITA
- Masami, M. (2007). *Lesson analysis for sustainability of lesson study*. Hong Kong: WALIS
- McMillan, J. H., & Schumacher, S. (2003). *Research in education: A conceptual introduction* (5th ed.). New York: Longman.
- Melser NA (1999). A study of grouping strategies. *International Journal of Psychology and Counselling*, 21(4): 315.
- Mertler, C. A. (2011). *Action Research Mengembangkan Sekolah dan Memberdayakan Guru*. Yogyakarta: Pustaka Belajar.
- Miller, S.R. and Miller P.F. (1995). *Cross-age Peer Tutoring: A Strategy for Promoting self-Determination in Students with Severe Emotional Disabilities/ Behavoiur Disorder Preventing School Failure*, 39(4),32-38
- Moleong, Lexy. 2004. *Metodologi Penelitian Kualitatif*. Bandung : PT Remaja Rosdakarya

- Mullis, et.al. (2007). *TIMSS 2011: International Results in Science*. United State: TIMSS & PIRLS International Study Center
- Mullis, et.al. (2011). *TIMSS 2011: International Results in Science*. United State: TIMSS & PIRLS International Study Center
- Muslich, M. (2009). *Melaksanakan penelitian tindakan kelas itu mudah*. Jakarta: Bumi Aksara.
- Nassiff, P dan Czerwinski, W.A (2014). *Using Paperclips To Explain Empirical Formulas to Students*. Journal of Chemical Education, (91)11.
- Neer, M. R. (1987). *The development of an instrument to measure classroom apprehension*. Journal of Communication Education, 36 (2), pp.154-166
- Panitz, T. & Panitz, P. (1996). *Assessing students and yourself using the one minute paper and observing students working cooperatively*. Cooperative Learning and College Teaching Newsletter, 6(3).
- Payne, B. K., Monl-Turner, E., Smith, D., & Sumter, D. (2004). *Improving group work: voices of students*. Education, 126 (3), p. 441-448.
- Peterson, P.L. & Swing, S. R. (1985). *Students Cognitions as Mediators of the Effectiveness of Small-group Learning*. Journal of Educational Psychology. 77(3), pp. 299-312.
- Pusat Inovasi Pendidikan. (2013). *Lesson study : membangun komunitas belajar untuk masa depan yang lebih baik*. Tersedia di: [http://www.academia.edu/8275687/Membangun Komunitas Belajar untuk Masa Depan Lebih Baik](http://www.academia.edu/8275687/Membangun_Komunitas_Belajar_untuk_Masa_Depan_Lebih_Baik). Diakses 11 Februari 2016.
- Ragawanti, D. T. (2009). *Questions and Questioning Techniques: A View of Indonesian Student's Preferences*. Education Journal 11(2): 155-170.
- Ragupathi, K. (2014). *Virtually Vygotsky: Using Technology to Scaffold Student Learning: By Adrian Lee*. Technology in Pedagogy, 20, 1-9.
- Ralph, E.G. 1999. *Oral-Questioning Skills of Novice Teachers: Any Question?* Journal of Instructional Psychology 26(4): 286-297.
- Rusmansyah. 2003. Implementasi Model *Student Teams Achievement Division (STAD)* dalam Pembelajaran Konsep Laju Reaksi di kelas II SMA Negeri 1 Banjarmasin. Jurnal Ilmu Pendidikan Tahun XXI Nomor 2 Oktober 2003. Vidya Karya Banjarmasin.

- Santagata dan Angelici. (2010). *Studying the impact of the lesson analysis framework on preservice teacher ability to reflect on videos of classroom teaching*. Journal of teacher education . 61, (4), 339-349.
- Sari, Dewi K., Mulyani, Bakti., & Mulyani, Sri. (2014). Studi Komparasi Metode Pembelajaran Kooperatif *Team Assisted Individualization (TAI) & Cooperative Problem Solving (CPS)* Terhadap Preatsi Belajar Ditinjau Dari Kemampuan Matematik Siswa Pada Materi Kelarutan dan Hasil Kali Kelarutan Kela XI IPA SMA Banyudono. Jurnal Pendidikan Kimia. Vol. 3 (1).
- Sato, M. (2014). Mereformasi sekolah topik dan praktek komunitas belajar. Tokyo: Pelita
- Shi-ying. Xu. (2011). *The present situation of english teacher's questioning in senior middle school and positive strategies*. Asia Pacific Science And Culture Journal 1 (3).hlm 1-15.
- Slavin, R.E. 1995. *Educational Psychology: Theory and Practice*. Fifth Edition. Boston: Allyn and Bacon
- Spiegel, D.L. (2005). *Classroom discussion*. New York City, NY: Scholastic Inc.
- Stewart, C., Bachman, C., & Johnson, R. (2010). *Students' characteristics and motivation orientations for online and traditional degree programs*. Journal of Online Learning and Teaching, 6(2), 367-379.
- Sumarmo, U dan Permana, Y. (2007). Mengembangkan Kemampuan Penalaran dan Koneksi Matematik Siswa SMA Melalui Pembelajaran Berbasis Masalah. *Jurnal Educationist*, 1(2), 116-123.
- Suryadi, D. (2010a). *Didactical Design Research (DDR)* dalam Pengembangan Pembelajaran Matematika1. Makalah Seminar Nasional Pembelajaran MIPA di UM Malang.
- Suryadi, D. (2010b) Penelitian Pembelajaran Matematika Untuk Pembentukan Karakter Bangsa. Makalah Seminar. Yogyakarta: Jurusan Pendidikan Matematika FMIPA UNY.
- Suryadi, D. (2011). *Didactical Design Research (DDR)* dalam pengembangan pembelajaran matematika. Prosiding Seminar Nasional Matematika dan Pendidikan Matematika STKIP Siliwangi Bandung, *Volume(1)*.

- Suryadi, D. & Nurlaela, E. (2013). Desain didaktis topik garis singgung lingkaran pada pembelajaran matematika Sekolah Menengah Pertama (SMP). *Jurnal Online Pendidikan Matematika Kontemporer*, 1(1), hlm. 1-13.
- Suzuki, R. (2015). *Sharing best practice lesson study* dalam peningkatan mutu pembelajaran. Disajikan pada seminar hasil penelitian dan pengabdian kepada masyarakat unggulan. Bandung: Universitas Pendidikan Indonesia.
- Taylor, L. (1993). *Vygotskian influences in mathematics education, with particular reference to attitude development*. Focus on Learning Problems in Mathematics, Vol. 15, Pages 3–17.
- Tenaw, Y.A. (2013). Relationship Between Self-Efficacy, Academic Achievement And Gender In Analytical Chemistry At Debre Markos College Of Teacher Education. *AJCE*, 3(1), hlm. 3-28.
- Tharp, R.G. & Gallimore, R. (1988). *Rousing minds to life: Teaching, learning, and schooling in social context*, New York: Cambridge University Press.
- Toom, A. (2006). *Tacit Pedagogical Knowing: At the Core of Teacher's Professionalism*. Academic Dissertation to be publicly discussed, by due permission of the Faculty of Behavioural Sciences at the University of Helsinki.
- Untari, E. (2013). Diagnosis Kesulitan Belajar Pokok Bahasan Pecahan pada Siswa Kelas V Sekolah Dasar. *Jurnal Ilmiah STKIP PGRI Ngawi*, 13(1), 1-8.
- Vygotsky, L.S. (1978). *Interaction Between Learning and Development*. New York: W.H Freeman and Company.
- Vygotsky, L. S. (1978). *Mind in society*. Cambridge, MA: Harvard University Press
- Wass, R., Harland, T., & Mercer, A. (2011). *Scaffolding Critical Thinking in the Zone of Proximal Development*. Higher Education Research & Development 30 (3): 317–328.
- Wiersema, N. (2000) *How does collaborative learning actually work in a classroom and how do students react to it? A briesf reflection*.
- Wood, D., Bruner, J.S., & Ross, G. (1976). *The Role of Tutoring in Problem Solving*. Journal of Psychology and Psychiatry, 17, 89-100.
- Yager, S., Johnson, D.W. & Johnson, R.T. (1985). *Oral Discussion Groups-to-Individual Transfer, and Achievement in Cooperative Learning Groups*. Journal of Educational Psychology, 77(1), pp. 60-66.

Mutiara Dwi Cahyani, 2017

PEMBELAJARAN KOLABORATIF SHARING TASK DAN JUMPING TASK PADA TOPIK RUMUS EMPIRIS DAN RUMUS MOLEKUL BERDASARKAN HAMBATAN BELAJAR SISWA DAN REFLEKSI DIRI GURU

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

Yanti, D.F., Afandy, D., Su'aidy, M. (2013). Identifikasi Pemahaman Materi Perhitungan Kimia (Stoikiometri) Pada Siswa Kelas X Sma Negeri 10 Malang Semester Ii Tahun Ajaran 2012/2013. Universitas Negeri Malang