

## REFERENCES

- Anzani, M., (2008), *Penerapan Model Siklus Belajar Untuk Meningkatkan Hasil Belajar Pada Materi Elastisitas dan Getaran di Kelas XI SMA Negeri 1 Dolok Masihul Tahun Ajaran 2009/2010*, Skripsi, FMIPA, UNIMED, Medan.
- Arikunto, S., (2009), *Dasar-Dasar Evaluasi Pendidikan*, Penerbit PT Bumi Aksara, Jakarta.
- Allen, L. (1973). An examination of the ability of third grade children from the Science Curriculum Improvement Study to identify experimental variables and to recognize change. *Science Education*, 57, 123-151.
- Bears, Trudy, and N. Charlene. (2011) *Learning Outcomes Assessment in Community Colleges*. Lumina Foundation for Education, New York
- Budiningsih, A., (2004), *Kurikulum dan Pembelajaran Filosofi Teori dan Aplikasi*, Penerbit Pakar Raya, Jakarta.
- Chiapetta, E. (1976). A review of Piagetian studies relevant to science instruction at the secondary and college level. *Science Education*, 60, 253-261.
- Crawford, Alan and Saul E, Wendy, (2005), *Teaching and Learning Strategy for the Thinking Classroom*, The International Debate Education Association, New York
- Fajaroh, F., Dasna, I.W., ( 2008). *Pembelajaran Dengan Siklus Belajar (Learning Cycle)*, [http:// lubisgrafura.wordpress.com/](http://lubisgrafura.wordpress.com/) (accessed on January 26<sup>th</sup> 2013).
- Farida, I., (2009), *Keterampilan Proses Sains Siswa Pada Pembelajaran Identifikasi Zat Berbahaya dalam Makanan*, Laporan Penelitian Kelas Terhadap Siswa Kelas VII Madrasah Tsanawiyah, Kerawang, <http://faridach.wordpress.com/2009/12/08/3/> (accessed on January 26<sup>th</sup> 2013).
- Handayani, F., (2008), *Penerapan Daur Belajar Konstruktivisme Terhadap Hasil Belajar Siswa Kelas XI pada pokok bahasan larutan Buffer*, Skripsi, FMIPA, UNIMED, Medan.
- Hacker, Douglas J., Dunlosky, J., and Graesser, Arthur C., (2009). *Handbook of Metacognition in Education*, Taylor & Fancis e-Library, United Kingdom
- Kamilati, N., (2006), *Mengenal Kimia 2*, Penerbit Yudhistira, Jakarta

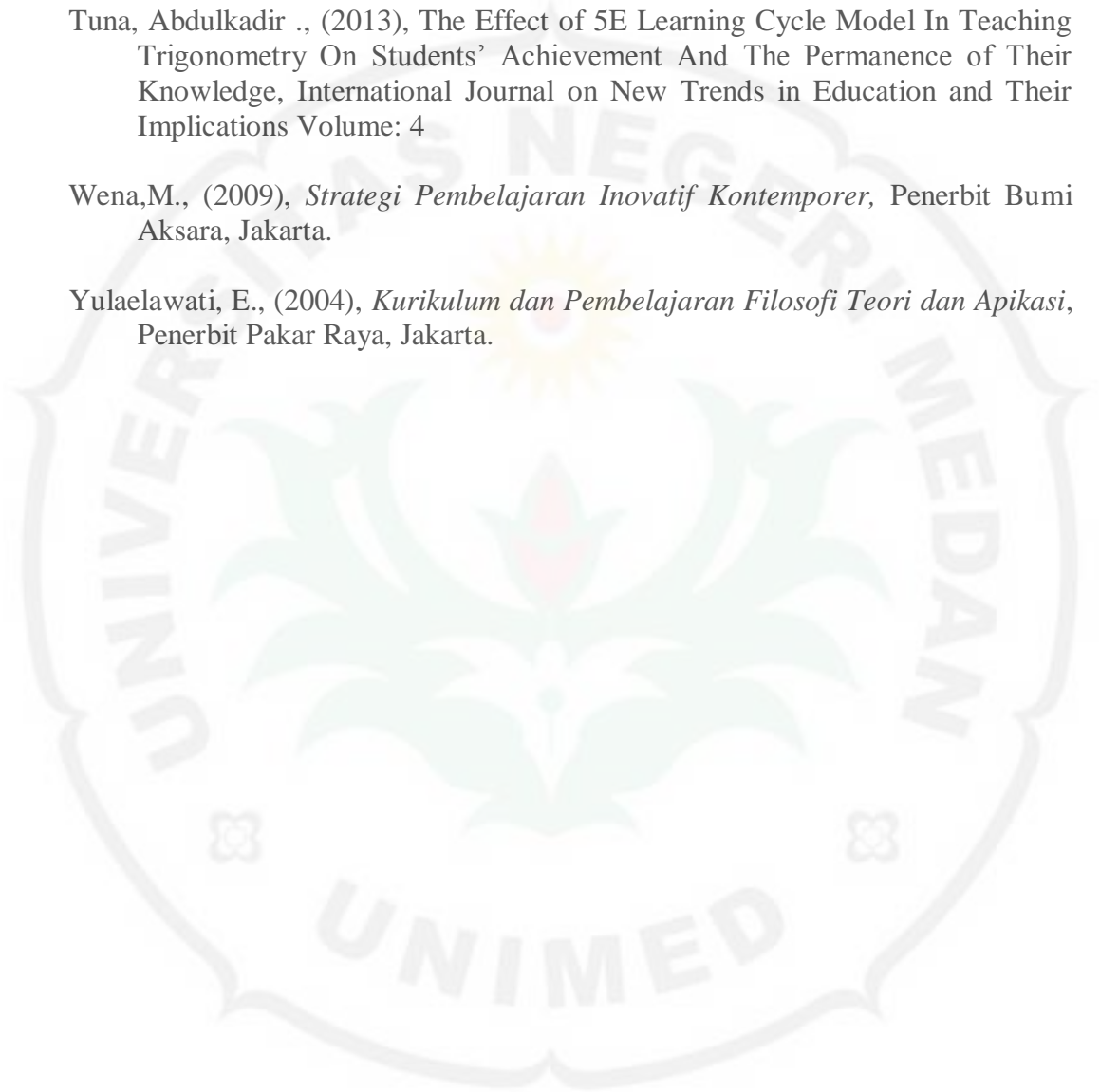
- Karplus, R. (1975). The learning cycle. In F. Collea, et al., *Workshop on physics teaching and the development of reasoning*. Stonybrook, NY: American Association of Physics.
- Lord, Thomas R. 1994. *Using Constructivism to Enhance Student Learning in College Biology*. *Journal of College Science Teaching*. Vol. 23, No. 6:346-348.
- Mahmudin, (2009), *Membentuk Karakter Kreatif pada Diri Anak Melalui Pembelajaran Bersiklus*, Makalah, [http:// mahmudin.wordpress.com](http://mahmudin.wordpress.com) (accessed on January 26<sup>th</sup> 2013).
- Melizar, (2006), *Efektifitas Penggunaan Model Pembelajaran Learning Cycle Dalam Upaya Meningkatkan Hasil Belajar Kimia Siswa Pada Pokok Bahasan Termokimia*, Skripsi, FMIPA, UNIMED, Medan.
- Mulyasa, E., (2005), *Implementasi kurikulum 2004*, Penerbit PT Remaja Rosdakarya, Bandung.
- Nursyamsiah, (2007), *Penerapan Model Pembelajaran Siklus Belajar Untuk Meningkatkan Hasil Belajar Siswa Pada Materi Pokok Larutan Elektrolit Dan Non Elektrolit di SMA Negeri*, Skripsi, FMIPA, UNIMED, Medan.
- Opalka, Julianne. 1998. *The Effects of Constructivist Teaching Methods on High School Science Students* [MSc Thesis]. Academic Library, Indiana University of Pennsylvania, Indiana, PA.
- Osborne, R. & Wittrock, M. (1983). Learning science: A generative process. *Science Education*. 67(4): 489-508.
- Padilla, M., Okey, J., & Dillashaw, F. (1983). *The relationship between science process skills and formal thinking abilities*. *Journal of Research in Science Teaching*, 20.
- Padilla, M., Cronin, L., & Twiest, M. (1985). *The development and validation of the test of basic process skills*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, French Lick, IN.
- Pritchard, Alan (2009) *Way of Learning (Learning theories and Learning styles in the classroom)*. USA and Canada : Routledge
- Qarareh, Ahmed ., (2012), *The Effect of Using the Learning Cycle Method in Teaching Science on the Educational Achievement of the Sixth Graders*, *International Journal Education Science*, 4(2): 123-132

- Rustam., Yunus, M., Pannen, P., Izzati, A.N., Safitri, H., Antoro, S.D., Djahrudin., Kusnadi., Prakosa, T., (2004), *Bunga Rampai 1*, Penerbit Universitas Terbuka, Medan.
- Sagala, S., (2005), *Konsep dan Makna Pembelajaran*, Penerbit Alfabeta, Bandung.
- Sardirman, A.M., (2003), *Interaksi & Motivasi Belajar Mengajar*, Penerbit Raja Grafindo Persada, Jakarta.s
- Sanjaya, Wina., 2005, *Pembelajaran dalam Implementasi Kurikulum Berbasis Kompetensi*, Penerbit Kencana Prenada Media Group, Jakarta.
- Slameto, 2003, *Belajar dan Faktor-Faktor yang Mempengaruhinya*, Penerbit Rineka Cipta, Jakarta.
- Sudjana, (2002), *Metode Statistika*, Penerbit Tarsito, Bandung.
- Suerni, (2005), *Analisis Tingkat Kesulitan Belajar Materi Kimia Mata Pelajaran Sains Siswa Kelas VII di SMPN I Kedungbanteng Kabupaten Tegal Tahun Ajaran 2004/2005*, Skripsi, FMIPA, UNS, Semarang.  
<http://digilib.unnes.ac.id/gsd/collect/wrdpdf-/import/4301401042.pdf>,  
(accessed on january 26<sup>th</sup> 2013 ).
- Sugiyono, (2006), *Statistika Untuk Penelitian*, Penerbit CV Alfabeta, Bandung.
- Sunarto, A., (2008), *Membangun Kompetensi Guru Efektif*, Artikel Pendidikan Network, Jakarta.
- Sutresna, N., (2002), *Kimia Untuk SMA Kelas II*, Penerbit Grafindo, Bandung.
- Syah, M., (2003), *Psikologi Belajar*, Penerbit PT Raja Grafindo Persada, Jakarta.
- Scheernes, Jaap. Glas, Cees. & Thomas, Sally (2003) *Educational Evaluation, Assessment, And Monitoring*, Zeitlinger B.V, Netherlands
- Sirhan, G., (2007), *Learning Difficulties in Chemistry: An Overview*, *Journal of Turkish Science Education* 4(2): 2-20
- Trianto, (2007), *Model-Model Pembelajaran Inovatif Berorientasi Konstruktivistik*, Penerbit Prestasi Pustaka, Jakarta.
- Trianto, (2008), *Mendesain Pembelajaran Kontekstual (contextual teaching and Learning)*, Penerbit Cerdas pustaka, Jakarta.

Tuna, Abdulkadir ., (2013), The Effect of 5E Learning Cycle Model In Teaching Trigonometry On Students' Achievement And The Permanence of Their Knowledge, *International Journal on New Trends in Education and Their Implications* Volume: 4

Wena,M., (2009), *Strategi Pembelajaran Inovatif Kontemporer*, Penerbit Bumi Aksara, Jakarta.

Yulaelawati, E., (2004), *Kurikulum dan Pembelajaran Filosofi Teori dan Apikasi*, Penerbit Pakar Raya, Jakarta.



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