

REFERENCES

- Abidin, M., Rezaee, A., Abdullah, H., Singh K., 2011. Learning Styles and Overall Academic Achievement in a Specific Educational System. *International Journal of Humanities and Social Science*. 1(10)pp 143-152
- Adam, A., & Mowers, H. 2007. Get inside their heads with mind mapping. *School library journal*, 53(3), 24.
- Arikunto, S. 2000. *Prosedur Penelitian, Edisi Revisi*. Jakarta: Penerbit Rineka Cipta.
- Aryulina . 2006. *Biologi SMA dan MA untuk Kelas XII*. Jakarta; Esis.
- Anshorulah, R. 2008. Efektivitas Metode Mnemonik dalam Meningkatkan Daya Ingat Siswa pada Mata Pelajaran Sejarah di MTs Persiapan Negeri Kota Batu. *Skripsi*. Fakultas Psikologi. Universitas Islam Negeri Malang. Malang.
- Boyd,B., Dooley,K., Felton. S. 2006. Measuring Learning in the Affective Domain Using Reflective Writing About Virtual International Agriculture Experience. *Journal Agricultural Education*. V(42) (3) pp.24-32.
- Buzan, T. & Buzan, B. 1993 . The mind map book: How to use radiant thinking to maximize your brain's untapped potential. New York, Penguin Group.
- Cano, F. 2006. An In-Depth Analysis of the Learning and Study Strategies Inventory (LASSI). *Educational and Psychological Measurement Journal*, 16(6) pp 1023-1038.
- Campbell, Neil A. 2008. *Biology Campbell 8th edition*. San Fransisco: Benjamin Cummings.
- Chessa, A.G. & Murre, J.M.J. 2001.Learning and forgetting communicative messages *Admap*, 36(3), pp. 37- 40.
- Davies, W. M. (2010). Not quite right: Concept mapping, mind mapping and argument mapping: what are the differences and do they matter?. *Teaching in Higher Education*, 13(3),pp. 327–340.
- Demos, 2004. About Learning . *Report of the Learning Working Group*. London, p.4 .

- EDUCE. 2013. <https://www.educe.org/mind-mapping.html> (accessed on 20th May 2014).
- Fadel,C & Lemke,C. 2008. *Multimodal Learning Through Media:What the Research Says*. Cisco Systems, Inc.
- Franzoni, A. L., & Assar, S. 2009. Student Learning Styles Adaptation Method Based on Teaching Strategies and Electronic Media. *Educational Technology & Society*, 12 (4), pp. 15–29.
- Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Negeri Medan. (2012). *Buku Pedoman Penulisan Skripsi Mahasiswa dan Standar Operasional (SOP) Kepembimbingan Skripsi Program Studi Pendidikan*. FMIPA UNIMED: Medan.
- Hackathorn,J. Erin D., Solomon., Kate L., Blankmeyer., Rachel E. Tennial., Amy M. Garczynsk. 2011. Learning by Doing: An Empirical Study of Active Teaching Techniques. *The Journal of Effective Teaching*. pp. 40-54.
- Hicks, J., Marsh, R., Russell, E. 2000. The Properties of retention intervals and their affect on retaining Prospective Memories. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Vol 26. No. 5. 1160-1169.
- Jbeili, I. 2013. The Impact of Digital Mind Maps on Science Achievement among Sixth Grade Students in Saudi Arabia. *Procedia - Social and Behavioral Science.s* 103 (2013) 1078 – 1087
- Johnson, D. W., Johnson, R. T., & Smith, K. A. 1991. Active learning: *Cooperation in the college classroom*. Edina, MN: Interaction Book Company.
- Khikmah, T. 2013. Pengembangan Media Pembelajaran CD Interaktif Materi Struktur dan Fungsi Sel Dilengkapi Teka teki Silang Berbasis Flash. *Skripsi: FMIPA*. Universitas Negeri Semarang. Semarang.
- Krathwohl. D. 2002. A Revision of Bloom's Taxonomy: An Overview. *Theory into practice*, 41(4) .pp. 212-264.
- Lawrence, A., Vimala, A. 2012. School Environment and Academic Achievement of Standard IX Student. *Journal of Educational and Instructional Studies in the World*. 2 (3) pp 210-215.

- Lawson, L. 2009. *The Learning and Study Strategies Inventory as a Predictive Measure of 1st Semester Academic Performance of At-Risk Students*. Thesis. Florida State University, USA.
- Lazarowitz, R., & Penso, S. 1992. High school students' difficulties in learning biology concepts. *Journal of biological Education*, 26(3), 215-223.
- Long, D., Carlson, D. 2011. Mind the Map: How Thinking Maps Affect Student Achievement. *Networks: An online Journal for Teacher Research* 13(2) pp. 1-7.
- Madu, C., Ifoema, M. 2012. Effect of Mind Map as a Note-Taking Approach on Students' Achievements' in Economics. *Journal of Emerging Trends in Economics and Management Sciences (JETEMS)* 3(3): 247-251.
- Mahardika, R. 2014. Identifikasi Miskonsepsi Siswa Menggunakan Certainty of Response Index (CRI) dan Wawancara Diagnosis pada Konsep Sel. *Skripsi*. Fakultas Ilmu Tarbiyah dan Keguruan Universitas Islam Negeri Hidayatullah. Jakarta.
- Marieb, Elaine N., Katja Hoehn. 2010. *Human Anatomy and Physiology 8th edition*. San Fransisco: Benjamin Cummings.
- McGriff, S. 2007. *Instructional systems program*. Pennsylvania State University, 62(2), 8-25.
- Michel, N., Cater, J., Varella, O .2009.Active Versus Passive Teaching Style: An Emphirical Study of Student Learning Outcomes. *Small Business Instutite National Proceedings*. 30(1) pp 55-67.
- Mona Abi-El , Issam and Adb-El-Khalick, Fouad. 2008. The Influence of Mind Mapping on Eighth Graders' Science Achievement. *School Science and Mathematics Journal*, 180, 298-312.
- Moraga, R. 2006 .Studying Knowledge Retention through Cooperative Learning in an Operations Research Course. *Education Journal*. USA : Northern Illinois University.
- Nneji, S. 2013. Effect of Polya George's Problem Solving Model on Students Achievement and Retention in Algebra. *Journal of Educational and Social Research*. Nigeria.

- Noel, L .2008. Retention Codifications Student Success, Retention, and Graduation: Definitions, Theories, Practices, Patterns, and Trends.
- Nurhayati, N. 2007. *1700 Bank Soal Bimbingan dan Pemantapan Biologi SMA/MA*. Jakarta: Yrama Widya.
- Nurhayati, N. 2011. *Biologi Bilingual SMA/MA Kelas XI*. Bandung: Yrama Widya.
- O'Connor, R. 2011. The use of mind maps as an assessment tool. *International Conference on Engaging Pedagogy Journal* .pp 1-14.
- Opara, M. 2009. Mind Mappings as a Self-Regulated Learning Strategy for Student's Achievement in Stochiometry. *Educational Journal*, pp 1-10.
- Ozcan, N.2003.Group of Student's and Teacher's Perception With Respect to Biology Education at High School Level. *Thesis*.Science and Mathematic Education. The Middle East Technical University.
- Prawirohartono, S. 2001. *Sains Biologi SMA/MA Kelas XI*. Jakarta : Bumi Aksara.
- Prince, M. 2004. Does Active Learning Work? A Review of the Research. *J. Eng. Education Journal*. 93(3) 233-331.
- Raihani, 2007. Education reforms in Indonesia in the twenty-first century. *International Education Journal*. Shannon Research Press. Australia p 173.
- Riswanto & Putra.2012. The Use of Mind Mapping Strategy in the Teaching of Writing at SMAN 3 Bengkulu, Indonesia. *International Journal of Humanities and Social Science*. USA p. 60.
- Rose Nicholl.1997. *Accelareted Learning for 21st Century*. London: Judy Piatkus.
- Sinambela, M. 2012. The Development of Module as Instructional Material and It's Effect on Learning Achievement of Students on Human Nervous System Topic Grade XI IA SMAN 2 Balige Academic 2011/2012. *Thesis*. FMIPA. Universitas Negeri Medan. Medan.
- Slish, D. 2005. Assessment of the use of the Jigsaw Method and Active Learning in Non-majors, Introductory Biology. *Educational Journal*, Dept. of Biological Sciences. New York.
- Smith, L. 2007. Standard Process for Knowledge Retention. *Computers in Education Journal*. Tennessee.

- Sudjana. 2005. *Metode Statistika*. Bandung: Penerbit Tarsito.
- Suryati, T. 2007. *Biologi SMA/MA Kelas XI*. Jakarta : Yudhistira.
- Tanjung, D. 2013. *The Effect of Eduitainment on student learning outcome, motivation and retention on human regulatory system grade XI-IA of SMAN 1 TEBING TINGGI Academic Year 2012/2013*. Thesis. FMIPA. Universitas Negeri Medan. Medan.
- Tekkaya, C, et all. 2001. Biology Concepts Perceived as Difficult by Turkish High School Students. *Education Journal*. Vol 21 pp 145-150 Hacettepe Üniversitesi Eğitim Fakültesi Dergisi: Turki.
- Tinto, V. 2006. Research and Practice of Student of Student Retention: What Next?. *Journal College Student*. New York pp 1-19 .
- Was, C. 2006. Academic Achievement Goal Orientation: Taking Another Look. *Electronic Journal of Research in Educational Psychology*, Vol 4(3).pp: 529-550.
- Webb, J. M., Saltz, E. D., McCarthy, M. T., & Kealy, W. A. 1994. Conjoint influence of maps and auded prose on children's retrieval of instruction. *Journal of Experimental Education*, 62(3), pp. 195-208.
- Wells, G. 1991 . Learning and Teaching for Understanding: The Key Role of Collaboration Knowledge Building: Ney York Elsevier Science Ltd .*Educational Journal*.
- Wild,. Ebber , 2002. Rethinking of Student Retention in Community College. *Community College Journal of Research and Practice*. USA pp 503- 519
- Yohan, P. 2008. *Memori dan Pembelajaran Efektif*. Bandung: Yrama Widya.
- Zipp, G., Maher, C. 2013. Prevalence of mind mapping as a teaching and learning strategy in physical therapy curricula. *Journal of the Scholarship of Teaching and Learning*, Vol. 13(5), pp. 21 – 32.
- Zuliana. 2012. The Use of Mind Mapping Technique to Improve the Writing Skill of the Eighth Grade Students of SMP 1 Jati Kudus in The Academic Year 2011/2012. *Thesis*. Departement of English Education. University of Muria Kudus. Semarang.