

## REFERENCES

- Arends, R. I. 2009. *Learning to Teach*. New York: McGraw-Hill
- Arikunto, S, 2005. *Prosedur Penelitian Suatu Pendekatan Praktek*. Jakarta: Rineka Cipta
- Aunurrahman. 2009. *Belajar dan Pembelajaran*. Alfabeta: Bandung.
- Bahri Djamarah, Syaiful dan Aswan Zain, *Strategi Belajar Mengajar*, Cet 3. Jakarta: PT Rineka Cipta, 2006.
- Dahar, R.W. 1989. *Teori-teori Belajar*. Erlangga: Jakarta.
- Dollard, Mark.W, and Mahoney, Kate., 2006, How Effective is the Jigsaw Method When Used to Introduce New science Curricula in Middle School Science?, *Journal of Science Education* cccccp
- Fitria, Dyan. 2013. *Effectiveness of jigsaw cooperative learning models in Quantity and Units on learning outcome grade X SMA N 7 Medan*. Medan: FMIPA UNIMED
- Fraenkel, Jack.R.dkk.1990. *How To Design Evaluate Research in Education*. New York: Mc. Graw Hill
- Hestini, Febriani. 2012. *Effectiveness of jigsaw cooperative learning models in heat and tempaerature on learning outcome grade X SMA swasta Muhammadiyah 1 2011/2012*. Medan: FMIPA UNIMED
- Idowu, Daniel., 2013, Effectiveness of Cooperative Learning Strategy on Nigerian Junior Secondary Student's Attitude toward Learning Basic Science, *Journal of Arts, Hunamities and Social science* 1: 2347 – 5347
- Joyce, B, 2004. *Models of Teaching*. New Jersey: Prentice/Hall International. Ing
- Kanginan, M, 2007. *Fisika SMA untuk Kelas X*. Cimahi: Aksara Pratama
- Lie, A., (2008), *Cooperative Learning Mempraktikkan Cooperative Learning Di Ruang-Ruang Kelas*, Penerbit PT Grasindo, Jakarta.
- Limjuco, Renan. P, and Gravino, Terses.M., 2012, Jig saw Approach in Cooperative Learning: Its Effect in Problem Solving Skill for Physics, *Research Journal* 18: 51-63
- Long, M, 2000. *The Psychology of Education*. London and New York: Routledge
- Maftai, G., 2012, Teaching Atomic Physics in Secondary Shool with the Jigsaw Technique, *Romanian Report in Physics* 64 : 1109 -1118
- Purwoko. 2006. *Fisika Bilingual untuk SMA/MA Kelas X Semester 1 & 2*. Bandung: Yudistira.

- Slavin, R. E, 2005. *Cooperative Learning: (theory, research and practice)*. London: Allymand Bascon
- Slavin, Robert E., *Cooperative Learning Teori, Riset dan Praktik*, Bandung: Nusa Media, 2008, Cet 1.
- Sudijono. A. 2009. *Pengantar Evaluasi Pendidikan*. Jakarta: Rajawali Pers
- Sudjana. 2005. *Metode Statistika*. Tarsito: Bndung.
- Sudjana, 2009. *Penilaian Hasil Proses Belajar Mengajar*. Bandung: Remaja Rosdakarya
- Trianto, 2009. *Mendesain Model Pembelajaran Inovatif-Progresif*. Jakarta: Kencana
- Hewitt, Paul.G. 2006. *Conceptual Physics 10<sup>th</sup> ed*. City College of San Francisco



UNIVERSITAS NEGERI MEDAN  
UNIMED

THE  
*Character Building*  
UNIVERSITY