

REFERENCES

- Akçay, N.O., Doymuş, K., (2014), Cooperative Learning Techniques Applied in Teaching Force and Motion Subjects on Students' Academic Achievements, *Journal of Educational Sciences Research*2(1).
- Akçay, N.O., Doymuş, K., (2014), The Effect of Different Methods of Cooperative Learning Model on Academic Achievement in Physic, *Journal of Turkish Science Education*11 (4): 17-30, ISSN: 1304-602.
- Anugrah, G. R., Sirait, M., & Science, N. (2014).*effect of cooperative type stad aided by macromedia flash toward students ' learning*, 2(1). FMIPA Universitas Negeri Medan : Inpafi
- Arends, Richard & Kilcher, Ann. (2010).*Teaching for Student Learning: Becoming an Accomplished Teacher*. New York: Routledge.
- Arends ,Richard I. (2009) .*Learning to Teach English edition*. New York : Mc . Graw Hill
- Arikunto, S., (2013), *Dasar-DasarEvaluasiPendidikan*, Bumi Aksara, Jakarta.
- Benckert, S., and Pettersson, S. (2008).“Learning Physics in Small-Group Discussions – Three Examples.”*Eurasia Journal of Mathematics, Science & Technology Education* 4 (2): 121–134.
- Bicerdi, Maylia. (2014). *Pengaruh Model Pembelajaran Kooperatif Tipe Group Investigasi (GI) Terhadap Hasil Belajar Kognitif Tingkat Tinggi Pada Materi istrik Dinamis di Kelas X Semester II Man 1 Medan T.P 2014/2015*. Skripsi. Fmipa Unimed. Medan
- Bonwell, C. C. (1996). "Enhancing the lecture: Revitalizing a traditional format" In Sutherland, T. E., and Bonwell, C. C. (Eds.), *Using active learning in college classes: A range of options for faculty*, *New Directions for Teaching and Learning* No. 67.
- Bukunola, B.J., & Idowu, O.D. (2012). Effectiveness of Cooperative Learning Strategies On Nigerian Junior Secondary Student' Academic Achievement in Basic Science. *The Journal of Education Research*, 2(3): 307-325
- Brown, A., & Campione, J. (1994).Guided discovery in a community of learners. In K. McGilly, *Classroom lessons: Integrating cognitive theory and classroom practice* (pp. 229-272)

- Crooks, N. M., & Alibali, M. W. (2014). Defining and measuring conceptual knowledge in mathematics. *Developmental Review*.
<http://doi.org/10.1016/j.dr.2014.10.001> (July, 21th 2016)
- Depdiknas, (2006). *Kurikulum tingkat satuan pendidikan*. Jakarta :Depdiknas
- Docktor, J. L., Strand, N. E., Mestre, J. P., & Ross, B. H. (2015). Conceptual problem solving in high school physics, *020106*, 1–13.
<http://doi.org/10.1103/PhysRevSTPER.11.020106> (July 21th 2016)
- Eveline and Hartina Nara.(2010). *Teori dan Pembelajaran*.Bagor: Indonesia.
- Five, C. (1993).Teaching Higher-Order Thinking. *Educational Leadership*, 50(7), 53–61.
- Foster, Bob. (2011). *Fisika Terpadu kelas XI semester 1*.Jakarta :Elangga
- Giancoli, D. C. 2001. *FISIKA 1 Edisi Kelima*. Jakarta: Erlangga.
- Glencoe (2005). *Physics Principle and Problem*. United State of America : Mc.Grow Hill. ISBN : 0-07-845823-7
- Heller, P., Keith, R. & Anderson, S. (1992). [Teaching problem solving through cooperative grouping. Part 1: Group versus individual problem solving](#) . *American Journal of Physics*,60(7), 627-636.
- Indrajit, D. 2009. *Mudah dan Aktif Belajar Fisika Kelas XI*. Jakarta: Pusat Perbukuan Depdiknas.
- Isjoni and MohdArif Ismail.(2008). *Model-model pembelajaran* mutakhir. Yogyakarta : Pustaka Belajar
- Johnson, D. W., Johnson, R. T., & Holubec, E. J. (1993). *Cooperation in the Classroom (6th ed.)*. Edina, MN: Interaction Book Company.
- Joyce, B., Weil, M., (2003), *Models of Teaching, 5th Ed.*, Prentice-Hall of India Private Limited: New Delhi.
- Kakani, S.L . (2005). *Mechanics* . New Delhi : Viva Book Private Limited.
- Kanginan, M., (2006), *Fisika untuk SMA/MA Kelas XI*, Erlangga, Jakarta.
- Knight, G: P., & Bohlmeyer, E. M. (1990). *Cooperative learning and achievement: Methods for assessing causal mechanisms*. In S. Sharan,

(Ed.), *Cooperative learning: Theory and research* (pp. 1-22). New York: Praeger Publishers.

Lampinen, J. M., & Arnal, J. D. (2009). A Revision of Bloom's Taxonomy: An Overview. *American Journal of Psychology*, 122(1), 39–52.

Lauritzen, P. (2012). Conceptual and Procedural Knowledge of Mathematical Functions, (34), 1–172.

Li, M. P., & Lam, B. H. (2013). Cooperative Learning. *The Hong Kong Institute of Education*, 1–33.

Munasyir. 2014. *Modul FIS 11 Sifat Mekanika Bahan*. Jakarta: Depdiknas.

Sanjaya, Wina. (2008). *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan*. Jakarta :Kencana Prenada Media

Sharan, Y., & Sharan, S. (1987). Training teachers for cooperative learning. *Educational Leadership*. Retrieved from http://ascd.com/ASCD/pdf/journals/ed_lead/el_198711_sharan.pdf

Sharan, Y. & Sharan, S. (1992). *Expanding Cooperative Learning Through Group Investigation*. New York: Teachers College Press. Sharan, Y. & Sharan, S. (1994). Group Investigation in the cooperative classroom. In: Sharan, S. (Ed.). *Handbook of Cooperative Learning*, pp. 97-114. New Jersey: Greenwood Press.

Sharan, Y., & Sharan, S. (1994). Group investigation in the cooperative classroom. In S. Sharan (Ed.), *Handbook of cooperative learning methods* (pp. 97-114). London: Greenwood Press.

Siddiqui, M. H. (2013). Group Investigation Model of Teaching : Enhancing Learning Level Keywords : Group Investigation Model Learning, *Indian Journal of Research* (May), 1991–1993.

Sitinjak, Jovan. (2015). *The effect of Cooperative learning type Group Investigation focus on student's learning outcomes in SMA SANTO THOMAS 3 Medan on the Linear Motion topic of physics*. Skripsi. FMIPA Universitas Negeri Medan: Medan.

Slameto. (2003). *Belajar dan faktor-faktor yang mempengaruhinya*. Jakarta: Rineka cipta.

Slavin, R.E. (1985). An introduction to cooperative learning research. In R. Slavin, S. Sharan, S. Kagan, R. H. Lazarowitz, C. Webb, & Schmuck

(Eds.), *Learning to co-operate, co-operating to learn* (pp. 5-15). New York: Plenum Press.

Sudjana.(2005). *Metode Statistik*.Bandung :Tarsito

Sutejo, (2011) . *Fisika 1*.Jakarta :Yudhistira

T.L.Lowe, J.F.Rounce.(2002). *Calculations for A-level (Fourth Edition)*.United Kingdom:Nelson thornes.ISBN : 0 7487 6748 7

Wahyuni, C., & Nasbey, H. (2015). Improvement of Learning Process and Learning Outcomes in Physics Learning by using Collaborative Learning Model of Group Investigation at High School (Grade X, SMAN 14 Jakarta) *Journal of Education and Practice*. 6(11), 75-80. ISSN : 2222-288x

Wulandari, D. F., Hamidah, I., &Setiawan, A. (2014).Physics of Learning Strategy to Train Critical and Creative Thinking Skills. Jakarta:*International Journal of Science and Research (IJSR)*3(11), 2976–2981.

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