DAFTAR PUSTAKA

Aktamis, H & Ergin O. (2008). The Effect of Scientific Process Skills Education on Students' Scientific Creativity, Science Attitudes and Academic Achievements. *Asia-pacific forum on science learning and teaching*. 9 (1)

Anderson, L W, & Krathwohl D R (eds). (2010). *Pembelajaran Pengajaran dan Asessmen*. Yogyakarta: Pustaka Pelajar

Arikunto, S. (2006). *Prosedur Penelitian suatu Pendekatan Praktek.* Edisi V. Jakarta: Rineka Cipta

Ayvaci, H. S., Yildiz, M., & Bakirci, H., (2015). An evaluation of the instruction carried out with printed laboratory materials designed in accordance with 5E model: reflection of Light And Image on a Plane Mirror. *Eurasia Journal of Mathematics, Science & Technology Education, 11*(6), hlm. 1677-1695

Bere, C.V. (2014). The use of worksheets in the classroom.

Borg, W. R., & Gall, M. D. (1989). Educational research: An introduction (5th ed). New York, NY: Longman. ISBN: 0-801-0334-6 [LB1028.b6 1989]

Budpond, W., Suksringan, P., & Singsriwo, A. (2010). Effects of Learning Environmental Education Using 5E-Learning Cycle with Multiple Intelligences and Teacher's Handbook Approaches on Learning Achievement, Basic Science Process Skills and Critical Thinking of Grade 9 Students. *Pakistan Journal of Social Sciences,* 7(3): 200-204.

Candan1, A., Türkmen, L., & Çardak, O. (2006) The Effects Of Concept Mapping On Primary School Students' Understanding Of The Concepts Of Force And Motion**.** *Journal of Turkish Science Education, Volume 3, Issue 1*

Champell, D. (1996). *Mengembangkan Kreativitas.*Yogyakarta. Kanisius

Chingos, M.W., Whitehurst, G.J. (2012). *Choosing Blindly*: *instructional materials teacher effectivenness and the common core.* Washington: Brown Center on Education Policy at Brookings.

Coe, R. (2000). It's the effect size: what effect size is and what it is important. *The British Educational Research Association Annual Conference* Exter.

Cohen, E. G. (1992). Restructuring the classroom: Conditions for productive small groups. *Reviews of Educational Research,* 64(1), hlm 1-35

Dahar, R.N. (1989). Teori-teori belajar. Bandung: Erlangga

Eldy, E.F. dan Sulaiman, F. (2013). The role of PBL in improving Physics Students' Creative Thinking and The Imprint on Gender. International Journal of Education and Research, 1 (6), 1-10

Ennis, R. H. (2011). The Nature of Critical Thinking : An Outline of Critical Thinking Dispositions and Abilities. Sixth International Conference on Thinking at MIT.

F., Dhanny, A., dan Salmah, U. (2013). The Development of Students Worksheet using PMRI Approach on Materials of Rectangle and Square for the VII Grade Students of Junior High School. *Proceeding The First South East Asia Design/Development Research (SEA-DR) International Conference.*

Frydenberg, M. E., Andone, D. (2011). *Learninng for 21st Century Skills. IEEE's International Conference on Information Society*, London, 27-29 June 2011, 314-318

Hake, R. (1998). *Interactive-engagment versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses*, 61(1), hlm 65

Harosah, R. S., Sinaga, P., & Setiawan A. (2017). The Development of Worksheet and Problem Sheet Based on Problem-Solving Skill Using Multimode Representation for Physics Learning in Senior High School. *Proceeding of The 7th Annual Basic Science International Conference*

Hartono. (2013). Learning Cycle 7E Model to Increase Student's Critical Thinking on Science. *Jurnal Pendidikan Fisika*, 9 (58-66)

Hu, W. & Philip Adey. (2002). *A Scientific Creativity Test for Secondary School Students*. *International Journal of Science Education,* 24:4, 389-403.

Karsli, F & Sahin, C. (2009). Developing worksheet based on science process skill: factors affecting solubility. *Asia-Pasific Forum on Science Learning and Teaching*, 10(1), hlm. 1-12

Koentjaraningrat. (1990). *Metode dan Teknik Penelitian Masyarakat*. Jakarta: Gramedia

Liliasari. (2009). Berpikir kritis dalam pembelajaran sains kimia menuju profesionalitas guru. *Prosiding seminar UPI.*

Mahmudah R.I, Sinaga P, & Liliawati W. (2017). Developing Worksheet and Problemsheet Based on Creative Thinking Skills With Multimodal Representation for Physics Learning in High School on The Topic Static Fluid. *Proceeding of The 7th Annual Basic Science International Conference.*Majid, A. (2009). *Perencanaan pembelajaran.* Bandung: Remaja Rosdakarya.

Merdekawati, S., dan Lestari, H P. (2011). Developimh Student Worksheet in English Based on contructivism using problem solbing approach for mathematics learning on the topic of social arithmetics. *Prosiding International Seminar and the fourth national conference on mathematics education 2011 Universitas Negeri Yogyakarta* (hlm. 895-906)

Munandar. (2005) *Mengembangkan Bakat Dan Kreativitas Anak (Petunjuk Orang Tua)*. Jakarta: Rajawali.

Neira, J. A. P. dan Soto, I. R. S. (2013). Creativity and physics learning as product of intervention with conceptual maps and Growin's V diagram. Scientific Research, 4 (12A), 13-20

Nezami, A.R., Asgari, M., & Dinarvand, H. (2013). The Effect of Cooperative Learning on the Critical Thinnking of High School Students. *Technical Journal of Engineering and Applied Sciences*. 3 (19): 2508-2514

Novak, J.D., & Gowin, D.B. (1984). Learning How tolLearn. New York: Cambridge University Press

Nyamupangedengu, E., Lelliot, A. (2012). An exploration on learners use of worksheet during a science mueseum visit. *African journal of research in mathematics, science and technology education,* 16(2)

Ozgelen, S. (2012). Student's science process skills within a cognitive domain framework. *Eurasia Journal of Mathematics, Science, and Technology*, 8(4), 283-292

P21. *Framework for 21st Century Learning*. Washington. [online]. Tersedia di : http://p21.org.

Prastowo, A (2011). *Panduan kreatif membuat bahan ajar inovatif*. Jogjakarta: Diva Press

Putri, B. N. A., Ngazizah, N., & Kurniawan, E. S. (2013). Pengembangan Student Worksheet dengan Pendekatan Discovery untuk Mengoptimalkan Ketrampilan Berpikir Kritis Peserta Didik pada Materi Gelombang Elektromagnetik Kelas X SMA Negeri 1 Grabag Magelang, *3*(2), 170–173.

RAND Corporation. (2012) *Teaching and Learning 21st Century Skills: Lesson from the Learning Sciences.* Hongkong: Asia Society Global Cities Education Network.

Rankin, Earl F., and Joseph W. Culhane. (1969). Comparable Cloze and Multiple-Choice Test Scores. *Journal of Reading*, 13, 193-98.

Royuk, Brent. 2002. *Interactive-Engagement Vs. Cookbook Laboratory Procedures in MBL Mechanics Exercises*. A Dissertation Presented to the Faculty of The Graduate College at the University of Nebraska

Ruwanto, B. dan Pujianto. (2009). Pelatihan penulisan buku ajar (*hand out*) sains (fisika) untuk meningkatkan kreativitas & *life skill* guru dalam mengembangkan media pembelajaran bagi guru-guru fisika SMP di Daerah Istimewa Yogyakarta. *Laporan P2m*. Yogyakarta: UNY

Sanjaya, W. (2008). *Kurikulum dan Pembelajaran: Teori dan Praktik Pengembangan Kurikulum Tingkat Satuan Pendidikan (KTSP).* Jakarta: Kencana Prenada Media Group

Santrock, J.W. (2007). *PsikologiPendidikan*. Jakarta :Prenada Media Group

Sinaga, P. (2014). Pengembangan Program Perkuliahan Fisika Sekolah III Untuk Meningkatkan Kompetensi Menulis Materi Ajar Calon Guru Menggunakan Multi Modus Representasi (Desertasi, Universitas Pendidikan Indonesia, 2014, Tidak diterbitkan)

Sinaga, P., Kaniawati I., Setiawan, A. (2017) Improving Secondary School Students' Scientific Literacy Ability Through the Design of Better Science Textbooks. *Journal of turkish science education*. 14 (4). Hlm. 92-107

Sinaga, P., Suhandi, A., dan Liliasari. (2014). Improving the ability of writing teaching materials and self-regulation of pre-service teachers through representational approach. International journal of science:basic andapplied research (IJSBAR), 15 (1), 80-94

Sinaga, P., Suhandi, A., dan Liliasari. (2015). The effectiveness of scaffolding design in traning writing skilss physics teaching materials. *International journal of instruction*, 8(1), hlm 19-32

Sharma, R. M. (2014). Teaching integrated science through the use of interactive worksheets. *Carribbean Curricullum*, 22, hlm. 85-103

Suciati, A. Vincentrisia, Ismiyantin. (2015). Application of Learning Cycle Model 5E Learning with Chart Variation Toward Students' Creativity. *Indonesian journal of science education*. 4 (1), hlm. 56-66

Sugiyono. (2014). *Metode Penelitian Pendidikan (pendekatan kuantitatif, kualitatif, dan R&D).* Bandung: Alfabeta

Sujarittham, T., Emarat, N., Arayathanitkul, K., Sharma, M. D., Johnston, I., & Tanamatayara, J. (2015). Developing and evaluating animations for teaching quantum mechanics concepts Developing specialized guided worksheets for active learning in physics lectures. *European Journal of Physics*, *37*(2), 25701. https://doi.org/10.1088/0143-0807/37/2/025701

Sulaiman, F. (2013). The effectiveness of PBL online on physics students creativity and critical thinking: a case study at Universiti Malaysia Sabah. *International Journal of Education and Research*, 1 (3), 1-18

Suyidno, S., Nur, M., & Yuanita, L. (2017). Developing Worksheets Based On Scientific Creativity in Fundamental Physics Course. In *International Seminar on Science Education (ISSE)* (pp. 442–449).

Torrance, E. P. (1990). Creativity and learning: *American Academy of Arts & Sciences*, 94(3), hlm. 663-681

Trowbridge, L. W, Bybee, R. W. 1990. *Becoming a Secondary School Science Teacher*. Merrill Publishing Company.

Wahyuni, S. (2015). Developing Science Learning Instruments Based On Local Wisdom To Improve Student ' S Critical Thinking Skills. *Jurnal Pendidikan Fisika Indonesia*, *11*(2), 156–161. https://doi.org/10.15294/jpfi

Wening, C. J. 2005. Levels of Inquiry Hierarchies of Pedagogical and Inquiry Processes. *Journal Physics Teacher Education Online*, 2 (3), 3-11.

Widjajanti, E. (2008). Kualitas Lembar Kerja Siswa. Makalah disampaikan dalam kegiatan pengabdian pada masyarakat dengan judul pelatihan penyusunan LKS mata pelajaran kimmia berdasarkan kurikulumm tingkat satuan pendidikan bagi gur SMK/MAK

William, B. (2015). *The worksheet in the history classroom.* The social studies. Vol. 32. Pp. 22-23

White, Brain.et al. (2011). *A Novel Instrument For Assesing Students Critical Thinking Abilities. Journal of College ScienceTeaching*, Vol.40, No.5.

Zulaiha, Fanni. (2016). Pengembangan *Worksheet* dan *Problemsheet* Berorientasi Keterampilan Keterampilan Berpikir Kritis Menggunakan Multimodus Representasi untuk Pembelajaran Fisika di SMA/SMA. Tesis UPI : tidak diterbitkan.