

DAFTAR PUSTAKA

- Abidin, Y. (2014). *Desain Sistem Pembelajaran Dalam Konteks Kurikulum 2013*. Bandung: PT. Refika Aditama.
- Acar, O & Patton, B.R. (2012). *Argumentation and formal reasoning skills in an argumentationbased guided inquiry course*. Social and Behavioral Science. Vol. 46. Hlm. 4756-4760.
- Adian, D, G. & Pratama, H, S. (2013). *Teknik Berargumentasi, Berpikir sebagai Kecakapan Hidup*. Jakarta : Kencana.
- Andreson, R.D. (2002). *Reforming Science Teaching: What Research says about Inquiry*. Journal of Science Teacher Education. Vol.13. No.1. hlm. 1-12.
- Anwar, K. (2015). *Pengembangan Bahan Ajar IPA Terpadu menggunakan Four Steps Teaching Material Development dengan Tema Pemanasan Global*. (Tesis). Universitas Pendidikan Indonesia. Bandung
- Anwar, S. (2014). *Pengolahan Bahan Ajar [Hand out Perkuliahan]*. Unpublish manuscript. Universitas Pendidikan Indonesia, Bandung, Indonesia.
- Arifin. (2015). *Pengembangan Bahan Ajar dengan Tema Udara Menggunakan Four Steps Teaching Material Development*. (Tesis). Universitas Pendidikan Indonesia. Bandung
- Arikunto, S. (2003). *Manajemen Penelitian*. Jakarta : Rineka Cipta.
- Arikunto, S. (2006). *Prosedur Penilaian Suatu Pendekatan Praktik*. Jakarta : Rineka Cipta.
- Arikunto, S. (2009). *Dasar-dasar Evaluasi Pendidikan*. Jakarta : Bumi Aksara.
- Arlitasari, O. (2013). *Pengembangan Bahan Ajar IPA Terpadu Bebasis Salingtemas dengan Tema Biomassa Sumber Energi Alternatif Terbarukan*. Jurnal Pendidikan Fisika Indonesia. Fakultas Keguruan dan Ilmu Pendidikan Universitas Sebelas Maret.
- Belawati. (2003). *Pengembangan Bahan Ajar*. Jakarta : Pusat Penerbitan Universitas Terbuka.

Berland & Hammer. (2012). *Framing For Scientific Argumentation*. Journal Of Research in Science Teaching, 49 (1), hlm. 68-94.

Berland, L.K & Reiser, B. J. (2010). *Classroom Communities' Adaptations of the Practice of Scientific Argumentation*. Hlm. 191-196.

Bottcher, F & Meisert, A. (2011). *Argumentation in Science Education: A Model-based Framework*. Journal of Science and Education. Vol. 20. Hlm. 103-140.

Bulgern, dkk. (2014). *The Used and Effectiveness of an Argumentation and Evaluation Intervention inScience Classes*. J Science Education Technology, 23, hlm. 82-97.

Campbell. (2008). *Biologi Edisi Kedelapan Jilid 3*. Jakarta : Erlangga.

Choi, A., Hand, B. & Norton-Meier, L. (2013). *Grade 5 Student's Online Argumentation about Their In-Class Inquiry Investigations*. Research Science Education

Christenson, N, et al. (2012). *Using the SEE-SEP Model to Analyze Upper Secondary Student's Use of Supporting Reasons in Arguing Socioscientific Issues*. Vol. 21 Issue 3, page 342. Swedia : Journal Science Education Technology

Coladarci, T., Cobb, C.D., Minium, E. W., & Clarke, R.B. (2011). *Fundamental of Statistical Reasoning in Education, Third Edition*. United States of America : Wiley.

Dahar, R.W. (2011). *Teori-Teori Belajar dan Pembelajaran*. Jakarta : Penerbit Erlangga.

Daryanto. (2014). *Pembelajaran Tematik, Terpadu, Terintegrasi (Kurikulum 2013)*. Yogyakarta : Penerbit Gava Media.

Dawson, V., & Venville, G.J. (2010). *Teaching Strategies for Developing Students Argumentation Skills About Socioscientific Issues in High School Genetics*. Research in Science Education, 40, hlm. 133-148.

Demircioglu, T & Ucar, S. (2012). *The Effect of Argument-driven Inquiry on pre-service science Teacher's Attitude and Argumentation Skill*. Social and Behavioral Science. Vol. 46. Hlm. 5035-5039.

Departemen Pendidikan dan Kebudayaan. (2013). *Lampiran Peraturan Menteri Pendidikan dan Kebudayaan Nomor 68 Tahun 2013 tentang Kerangka Dasar dan Struktur Kurikulum Sekolah Menengah Pertama.Madrasah Tsanawiyah*. Jakarta: Depdikbud.

Depdiknas. (2006). .Kumpulan Permen .Jakarta : Dirjen Dikti

Depdiknas. (2008). .Kumpulan Permen .Jakarta : Dirjen Dikti

Depdiknas. (2010). .Kumpulan Permen .Jakarta : Dirjen Dikti

Develaki, M. (2010). *Integrating Scientific Methods and Knowledge into the Teaching of Newton's Theory of Gravitation: An Instructional Sequence for Teachers' and Students' Nature of Science Education*. Science and Education Journal.

Dewi, K. (2013). *Pengembangan Perangkat Pembelajaran Ipa Terpadu Dengan Setting Inkuiri Terbimbing Untuk Meningkatkan Pemahaman Konsep Dan Kinerja Ilmiah Siswa*. e-Journal Program Pascasarjana Universitas Pendidikan Ganesha. Program Studi Pendidikan IPA, Program Pascasarjana: Universitas Pendidikan Ganesha Singaraja.

Eduran, S, Ozdem, Y & Park, J.Y. (2015). *Research trends on argumentation in science education: a journal content analysis from*. International Journal of STEM Education. Vol.2. hlm. 5.

Erman, S. (2003). *Evaluasi Pembelajaran Matematika*. Bandung : Jurusan Pendidikan Matematika FPMIPA UPI.

Fogarty, R. (1991). *How to Integrated the Curricula*. Illinois: Skylight Publishing.

Frankel, J.R, Wallen, E.N., & Hyun, H. (2012). *How To Design and Evaluate Research in Education*. Newyork : Mc. Graw Hill.

Garcia-Mila, M., Gilabert, S., Erduran, S. & Felton, M. (2013). *The Effect of Argumentative Task Goal on the Quality of Argumentative Discourse*, Volume 97, No.4, pp. 497-523. Spanyol : Science Education

Gray, E. & Nam-Hwa, K. (2014). *The Structure of Scientific Arguments by Secondary Science Teachers: Comparison of experimental and historical science topics*. International Jurnal of Science Education. Vol. 36. No. 1. Hlm 46-65.

Hake, R.R. (1999). *Analyzing Change/ Gain Scores*. United States of America : Indiana University.

Inch, E. S., Warnick, B. & Endres, D. (2006). *Critical Thinking and Communication*. The Use of Reason in Argument. Fifth Edition. United States of America : Pearson Education Inc.

Jin, H, dkk. (2015). *A US-China Interview Study: Biology Students' Argumentation and Explanation about Energy Consumption Issues*. International Journal of Environmental and Science Education. Vol. 10. No.3. hlm. 301-318.

Joyce, B., Weil, M. & Calhoun, E. (2009). *Models Of Teaching*. Yogjakarta : Pustaka Pelajar

Kangas, J.D, dkk. (2014). *Efficient discovery of responses of proteins to compounds using active learning*. BMC Bioinformatic. Vol. 15.

Kemendikbud. (2013). *Ilmu Pengetahuan Alam SMP/MTs Kelas VIII*. Jakarta: Politeknik Negeri Media Kreatif.

Kemendikbud. (2014). *Materi Pelatihan Guru Implementasi Kurikulum 2014 Tahun Ajaran 2014.2015*. Jakarta : Kementerian Pendidikan dan Kebudayaan.

Kementerian Pendidikan dan Kebudayaan. (2014). *Ilmu Pengetahuan Alam, Edisi Revisi*. Jakarta : Kemendikbud

Kim, H, & Song, J. (2005). *The Features of Peer Argumentation in Middle School Students' Scientific Inquiry*. Research in Science Education.

Kind, P. M., Kind, V., Hofstein, A.& Wilson, J. (2011). *Peer Argumentation in the School Science Laboratory –Exploring Effects of Task Features*. Vol 33 pp 2527-2558 ISSN 0950-0693 (print)/ ISSN 1464-5289 (online)/11/182527-32. United Kingdom : International Journal of Science Education.

Kipnis, N. (2007). *Discovery in Science and in Teaching Science*. Science and Education Journal. Vol. 16. Hlm. 883-920.

Koenenman , M., Goedhart, M. & Ossevoort, M. (2013). *Introducing Pre-university Students to Primary Scientific Literatur Through Argumentation Analysis* Vol.43 page 2009-2034. Netherlands : Research Science Education.

Rahmah Evita Putri, 2016

MENINGKATKAN PENGUASAAN KONSEP DAN KEMAMPUAN ARGUMENTASI ILMIAH SISWA SMP KELAS VII MELALUI BAHAN AJAR IPA TERPADU DENGAN TEMA HALO PADA TOPIK KALOR
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

Kulatunga, U., Moog, R. S. & Lewis, J. E. (2013). *Argumentation and Participation Patterns in General Chemistry Peer-Led Sessions*. Vol. 50, No. 10, pp. 1207-1231 (2013). United States of America : Journal of Research in Science Teaching,

Kumala, D. (2013). *Pengembangan Perangkat Pembelajaran Ipa Terpadu dengan Setting Inkuiiri Terbimbing Untuk Meningkatkan Pemahaman Konsep dan Kinerja Ilmiah Siswa*. e-Journal Program Pascasarjana Universitas Pendidikan Ganesha. Program Studi Pendidikan IPA, Program Pascasarjana: Universitas Pendidikan Ganesha Singaraja.

Lang, M. & Olson, J. (2000). *Integrated Science Teaching as a Challenge for Teachers to Develop New Conceptual Structures*. Research in Science Education, 30 (2), 213-224.

Lin, S.S., & Mintzes, J. J. (2010). *Learning Argumentation Skills Through Instruction In Socioscientific Issues : The Effect of Ability Level*. International Journal of Science and Mathematics Education 8, hlm. 993 - 1017.

Macagno, A, dkk. (2012). *What students' arguments can tell us. Using argumentation schemes in science education*. International Journal of Science and Mathematic Education.

Moseley, C & Utley, J. (2006). *The Effect of an Integrated Science and Mathematics Content-Based Course on Science and Mathematics Teaching Efficacy of Preservice Elementary Teachers*. Vol. 18. No. 2. Hlm. 1-12.

McBride, J.W & Silverman, Fredick, L. (1991). *Integrating Elementary/Middle School Science and Mathematics*. School Science and Mathematics, 91(7), hlm. 285-291.

Nielse, J.A. (2011). *Dialectical Features of Students' Argumentation: A Critical Review of Argumentation Studies in Science Education*. Research in Science Education Journal.

Osborne, J., dkk. (2004). *Enhancing the Quality of Argumentation in School Sciece*. Journal of Research in Science Teaching, 41 (10), hlm. 994-1020.

Rennie, J.L, dkk. (2001). *Science Teaching and Learning in Australian Schools: Results of a National Study*. Research in Science Education. Vol. 31. Hlm. 455-498.

Roshayanti, F. (2012). *Pengembangan Model Asesmen Argumentatif untuk Mengukur Keterampilan Argumentasi Mahasiswa pada Konsep Fisiologi Manusia*. Disertasi. Bandung : Universitas Pendidikan Indonesia.

Rosmaini. (2009). *Keterbacaan Buku Teks*. Artikel Universitas Negeri Medan.

Saab, N, dkk. (2007). *Supporting Communication in a Collaborative Discovery Learning Environment: the Effect of Instruction*. Instructional Science Journal. Vol. 35. Hlm. 73-98.

Sadler, T.D. (2006). *Promoting Discourse and Argumentation in Science Teacher Education*. Journal of Science Teacher Education. Vol. 17. Hlm. 323-346.

Sampson, V. & Clark, B D. (2009). *A Comparison of the Collaborative Scientific Argumentation Practises of Two High and Two Low Performing Groups*. vol. 41 issue 1 page 63 – 97. United States of America : Research Science Education.

Sampson, V., dkk. (2010). *Argument-Driven Inquiry as a Way to Help Students Learn How to Participate in Scientific Argumentation and Craft Written Arguments : An Exploratory Study*. Science Education, 95, hlm 217-257.

Sampson, V & Blanchard, M.R. (2012). *Science Teachers and Scientific Argumentation: Trends in Views and Practice*. Journal of Research in Science Teaching.

Sanjaya, W. (2010). *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan*. Jakarta : Kencana.

Setyosari, P. (2010). *Metode Penelitian Pendidikan dan Pengembangan*. Malang : Kencana Prenada Media Group.

Slameto. (1998). Belajar dan Faktor-faktor yang Mempengaruhinya. Bandung : Rineka Cipta.

Slavin, R.E. (1992). *Research Method in Education 2nd Ed*. USA : Allyn and Bacon.

Sudjana, N. (1990). *Teknik Analisis Data Kualitatif*. Bandung : Transito.

Sudjana, N. (2002). *Metode Statistika*. Bandung : Transito.

Sudjana, N. (1990). *Penelitian Hasil Belajar Mengajar* Transito : Bandung.

Sugiyono. (2009). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Penerbit Alfabeta.

Sungkono, dkk. (2003). *Pengembangan Bahan Ajar*. Yogyakarta : FIP UNY.

Swason, dkk. (2014). *Engaging in Argument and Communicating Information: A Case Study of English Language Learners and Their Science Teacher in an Urban High School*. Vol.51. No.1. hlm 31-64. Australia: Journal of Research in Science Teaching.

Swirstra, T, & Arie, R. (2007). *Nano-ethics as NEST-ethics: Patterns of Moral Argumentation About New and Emerging Science and Technology*. Vol. 1. Hlm. 3-20.

Squire, K.D & Jan, M. (2007). *Mad City Mystery: Developing Scientific Argumentation Skills with a Place-based Augmented Reality Game on Handheld Computers*. Journal of Science and Technology. Vol. 16. No.1. hlm. 5-34.

Venville, G. J. & Dawson, V.M. (2010). *The Impact of a Classroom Intervention on Grade 10 Students' Argumentation Skills, Informal Reasoning, and Conceptual Understanding of Science*, Volume 47, No.8, PP.952-977. Australia: Journal of Research in Science Teaching.

Wasis & Irianto, S. Y. (2008). *Ilmu Pengetahuan Alam SMP dan MTs Kelas VII*. Jakarta : Pusat Perbukuan Departermen Pendidikan Nasional.

Webb, Paul. (2009). *Towards an Integrated Learning Strategies Approach To Promoting Scientific Literacy in the South African Context*. International Journal of Environments & Science Education. 4(3), hlm. 313-334.

Young & Freedman. (2002). *Fisika Universitas Edisi Kesepuluh Jilid II*. Jakarta : Erlangga.

Yun, S.M & Heui, B.K (2014). *Changes in Students' Participation and Small Group Norms in Scientific Argumentation*. Research in Science Education. Springer.

Zeidler, dkk. (2009). *Advancing Reflective Judgement Through Relativ Socioscientific Issues*. Vol. 42. Hlm. 74-101.

Zhou, G. (2010). *Conceptual Change in Science : A Process of Argumentation*. 6(2). hlm. 101-110.