

DAFTAR PUSTAKA

- Arikunto, S. (2015). *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Berland, L. K., & Reiser, B. J. (2008). Making Sense of Argumentation and Explanation. *Science Education*, 26-55. doi:10.1002/sce.20286
- Billing, D. M., & Kowalski, K. (2008, June). Argument Mapping. *The Journal of Continuing Education in Nursing*, 39(6), 246-247.
- Budiyono, A., Rusdiana, D., & Kholida, S. I. (2015). Pembelajaran Argument Based Science Inquiry (ABSI) Pada Fisika. *Prosiding Simposium Nasional Inovasi dan Pembelajaran Sains 2015 (SNIPS 2015)* (hal. 205-208). Bandung: FMIPA ITB. Dipetik Oktober 2016, dari http://portal.fi.itb.ac.id/snips2015/files/snips_2015_agus_budiyono_a67e404f84e598481cbb5716d3dcd735.pdf
- Butchart, S., Forster, D., Gold, I., Bigelow, J., Korb, K., Oppy, G., & Serrenti, A. (2009). Improving Critical Thinking Using Web Based Argument Mapping Exercises With Automated Feedback. *Australian Journal of Educational Technology*, 25(2), 268-291.
- Choi, A., Klein, V., & Hershberger, S. (2015). Success, Difficulty, and Instructional Strategy to Enact an Argument-Based Inquiry Approach : Experiences of Elementary Teachers. *International Journal of Science and Mathematics Education*, 13, 991-1011. Dipetik Oktober 2016
- Colburn, A. (2000). An Inquiry Primer. *Science Scope*, 23(6), 42-44.
- Colburn, A. (2008). Make Inquiry Successful. *Science Teacher*, 75(9), 12.
- Davies, W. M. (2009). Computer-assisted Argument Mapping: a Rationale Approach. *The International Journal of Higher Education Research*, 799-820.
- Davies, W. M. (2011). Concept Mapping, Mind Mapping and Argument Mapping: What Are The Differences and Do They Matter? *The International Journal of Higher Education Research*, 62(3), 279-301. doi:10.1007/s10734-010-9387-6

- Demirbag, M., & Gunel, M. (2014). Integrating Argument-Based Science Inquiry with Modal Representations: Impact on Science Achievement, Argumentation, and Writing Skills. *Educational Sciences Theory & Practices*, 14(1), 386-391. doi:10.12738/estp.2014.1.1632
- Direktorat Jenderal Pendidikan Islam. (2016, Januari 29). *Visi, Misi, dan Tujuan Pendidikan Islam 2015-2019*. Diambil kembali dari Direktorat Jenderal Pendidikan Islam Kementerian Agama : <http://pendis.kemenag.go.id/index.php?a=artikel&id2=visimisipendis#.WI1pFRuLTIU>
- Dwyer, C. P., Hogan, M. J., & Stewart, I. (2012). An Evaluation of Argument Mapping as A Method. *Metacognition Learning*, 7, 219-244. doi:10.1007/s11409-012-9092-1
- Dwyer, C., Hogan, M., & Stewart, I. (2012). The promotion of critical thinking skills through Argument Mapping. Dalam C. P. Horvath, & J. M. Forte (Penyunt.), *Critical Thinking* (hal. 1-25). New York: Nova Science Publishers, Inc.
- Eldy, E. F., & Sulaiman, Z. (2013). Integrated PBL Approach: Preliminary Findings towards Physics Students' Critical Thinking and Creative-Critical Thinking. *International Journal of Humanities and Social Science Invention*, 2(3), 18-25. Diambil kembali dari www.ijhssi.org
- Ennis, R. H. (1991). Goals for a Critical Thinking Curriculum. Dalam A. L. Costa, *Developing Minds : A Resource Book for Teaching Thinking* (Revised ed., Vol. 1, hal. 68-71). Alexandria: Association for Supervision and Curriculum Development. Dipetik Oktober 2016
- Ennis, R. H. (1993). Critical Thinking Assessment. *Theory into Practice*, 32(3), 179-186.
- Ennis, R. H. (2011). The Nature of Critical Thinking : An Outline of Critical Thinking Dispositions and Abilities. *Sixth International Conference on Thinking at MIT*.
- Fraenkel, J. R., Wallen, N. E., & Hyun, H. H. (2012). *How to Design and Evaluate Research in Education* (8 ed.). New York: Mc-Graw Hill.

Moh. Nurudin, 2017

PENERAPAN MODEL PEMBELAJARAN ARGUMENT-BASED SCIENCE INQUIRY (ABSI) MENGGUNAKAN ARGUMENT MAPPING UNTUK MENINGKATKAN KETERAMPILAN BERARGUMENTASI DAN BERPIKIR KRITIS PESERTA DIDIK MADRASAH ALIYAH PADA MATERI FLUIDA STATIS

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Fuad, N. M., Zubaidah, S., Mahanal, S., & Suarsini, E. (2017). Improving Junior High Schools' Critical Thinking Skills Based on Test Three Different Models of Learning. *International Journal of Instruction*, 10(1), 101-106. doi:www.e-iji.net
- Hake, R. R. (1998, January). Interactive-engagement Versus Traditional Methods: A Six-thousand-student Survey of Mechanics Test Data for Introductory Physics Courses. *American Journal of Physics*, 66(1), 64-74. doi:10.1119/1.18809
- Halpern, D. F. (1998). Teaching Critical Thinking for Transfer Across Domains: Dispositions, Skills, Structure Training, and Metacognitive Monitoring. *American Psychologist*, 53(4), 449-455. doi:10.1037//0003-066X.53.4.449
- Hogan, M. J., Stewart, I. G., & Dwyer, C. P. (2013). An examination of the effects of argument mapping on students' memory and comprehension performance. *Thinking Skills and Creativity*, 8, 11-24.
- Kemdikbud. (2014). *Peraturan Menteri Pendidikan dan Kebudayaan No. 59 Tahun 2014*. Jakarta: Kementerian Pendidikan dan Kebudayaan RI.
- Kemdikbud. (2016). *Peraturan Menteri Pendidikan dan Kebudayaan No 022 Tahun 2016 Tentang Standar Proses Pendidikan Dasar dan Menengah*. Jakarta: Kemendikbud.
- Kemenkominfo. (2017, 01 09). *Ini Cara Melaporkan Konten Hoax*. Dipetik 06 01, 2017, dari <https://kominfo.go.id>
- Keys, C. W., Hand, B., Prain, V., & Collins, S. (1999). Using the Science Writing Heuristic as a Tool for Learning from Laboratory Investigations in Secondary Science. *Journal of Research in Science Teaching*, 36(10), 1065-1084.
- Kivunja, C. (2014). Innovative Pedagogies in Higher Education to Become Effective Teachers of 21st Century Skills: Unpacking the Learning and Innovations Skills Domain of the New Learning Paradigm. *International Journal of Higher Education*, 3(4), 37-48. doi:10.5430/ijhe.v3n4p37
- Kuhn, D., & Udell, W. (2003). The Development of Argument Skills. *Child Development*, 74(5), 1245-1260. Diambil kembali dari <http://www.jstor.org/stable/3696176> .

Moh. Nurudin, 2017

PENERAPAN MODEL PEMBELAJARAN ARGUMENT-BASED SCIENCE INQUIRY (ABSI) MENGGUNAKAN ARGUMENT MAPPING UNTUK MENINGKATKAN KETERAMPILAN BERARGUMENTASI DAN BERPIKIR KRITIS PESERTA DIDIK MADRASAH ALIYAH PADA MATERI FLUIDA STATIS

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Llewellyn, D., & Rajesh, H. (2011). Fostering Argumentation Skills : Doing what Real Scientist Really Do. *Science Scope*, 22-28.
- Mahardika, A. I., Fitriah, & Zainuddin. (2015). Keterampilan Berargumentasi Ilmiah Pada Pembelajaran Fisika Melalui Model Pembelajaran Inkuiri Terbimbing. *Vidya Karya*, 27(7), 755-762. Dipetik 2016
- Margono, S. (2004). *Metodologi Penelitian Pendidikan* (4 ed.). Jakarta: Rineka Cipta.
- Nam, J., Choi, A., & Hand, B. (2011). Implementation Of The Science Writing Heuristic (SWH) Approach In 8th Grade Science Classrooms. *International Journal of Science and Mathematics Education*, 9, 1111-1133. Dipetik Oktober 2016
- NEA. (2016). *Preparing 21st Century Students for a Global Society : An Educator's Guide to "The Four Cs"*. Washington DC: National Education Association.
- Nezami, N. R., Asgari, M., & Dinarvand, H. (2013). The Effect of Cooperative Learning On the Critical Thinking of High School Students. *Technical Journal of Engineering and Applied Sciences*, 3(19), 2508-2514. Diambil kembali dari www.tjeas.com
- Nuraisah, E., Irawati, R., & Hanifah, N. (2016). Perbedaan Pengaruh Penggunaan Pembelajaran Konvensional dan Pendekatan Kontekstual terhadap Kemampuan Berpikir Kritis Matematis dan Motivasi Belajar Siswa pada Materi Pecahan. *Jurnal Pena Ilmiah*, 1(1), 291-300.
- Osborne, J., Erduran, S., & Simon, S. (2004). Enhancing the Quality of Argumentation in School Science. *Journal of Research in Science Teaching*, 41(10), 994-1020. doi:10.1002/tea.20035
- Pritasari, A. C., Dwiastuti, S., & Probosari, R. M. (2016). Peningkatan Kemampuan Argumentasi melalui Penerapan Model Problem Based Learning pada Siswa Kelas X MIA 1 SMA Batik 2 Surakarta Tahun Pelajaran 2014/2015. *Jurnal Pendidikan Biologi*, 8(1), 1-7.
- Purnomo, Y. W. (2011). Keefektifan Model Penemuan Terbimbing dan Cooperative Learning pada Pembelajaran Matematika. *Jurnal Kependidikan*, 41(1), 37-54.

Moh. Nurudin, 2017

PENERAPAN MODEL PEMBELAJARAN ARGUMENT-BASED SCIENCE INQUIRY (ABSI) MENGGUNAKAN ARGUMENT MAPPING UNTUK MENINGKATKAN KETERAMPILAN BERARGUMENTASI DAN BERPIKIR KRITIS PESERTA DIDIK MADRASAH ALIYAH PADA MATERI FLUIDA STATIS

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Rajashree, S., & Rakhy, R. (2013). Effect of Argument Mapping Technique on Achievement in Physics of Stdents at Secondary LLevel. *Cognitive Discourse International Multidisciplinary Journal*, 1(1), 89-93.
- Rocke, S., Radix, C.-A., Persad, J., & Ringis, D. (2014). Use of Argument Maps to Promote Critical Thinking in Engineering Education. *Frontiers in Education Conference (FIE), 2014 IEEE* (hal. 1-4). Madrid: IEEE. doi:10.1109/FIE.2014.7044085
- Saputri, G. E., Kadaritna, N., & Efkar, T. (2013). Peningkatan Keterampilan Prediksi dan Inferensi Menggunakan Model Pembelajaran Problem Solving. *Jurnal Pendidikan dan Pembelajaran Kimia*, 2(1).
- Serway, R. A., & Jewet, J. W. (2004). *Physics for Scientists and Engineers* (6 ed.). US: Thomson Brooks.
- Simon, S. (2008). Using Toulmin's Argument Pattern in The Evaluation of Argumentation in School Science. *International Journal of Research & Method in Education*, 31(3), 277-289. doi:10.1080/17437270802417176
- Stobaugh, R. (2013). *Assessing Critical Thinking in Middle and High Schools : Meeting the Common Core*. New York : Rotledge: Taylor & Francis Group.
- Sudijono, A. (2000). *Pengantar Statistik Pendidikan* (10 ed.). Jakarta: Raja Grafindo Persada.
- Sugiyono. (2013). *Statistika untuk penelitian*. Bandung: Alfabeta.
- Suryani, N. K., Atmaja, I. B., & Natajaya, I. (t.thn.).
- Tipler, P. A. (1998). *Fisika Untuk Sains dan Teknik* (3 ed., Vol. 1). (J. Sutrisno, Penyunt., L. Prasetio, & R. W. Adi, Penerj.) Jakarta: Erlangga.
- Tiruneh, D. T., Cock, M. D., Weldelessie, A. G., Elen, J., & Janssen, R. (2017). Measuring Critical Thinking in Physics: Development and Validation of a Critical Thinking Test in Electricity and Magnetism. *International Journal of Science and Mathematics Education*, 15(4), 663-682. doi:10.1007/s10763-016-9723-0
- Viyanti. (2015). The Profile Of Argumentation Skill Using "Toulmin Argumentation Pattern" Analysis In The Archimedes Principal On The

- Students Of Sma Kota Bandar Lampung. *Jurnal Pendidikan IPA Indonesia*, 4(1), 86-89. doi:10.15294/jpii.v4i1.3506
- Watson, G., & Glaser, E. M. (2010). *Watson-Glaser™ II Critical Thinking Appraisal*. Bloomington: NCS Pearson, Inc.
- Yesildag-Hasancebi, F., & Gunel, M. (2014). Delving into The Effect of Argumentation Based Inquiry Approach on Learning Science from Multiple Perspectives. *Journal of Research in Education and Society*, 23-44.
- Yesildag-Hasancebi, F., & Kingir, S. (2012). Overview of Obstacles in the Implementation of the Argumentation Based Science Inquiry Approach and Pedagogical Suggestions. *Mevlana International Journal of Education (MIJE)*, 2(3), 79-94.