

## DAFTAR PUSTAKA

- Abualrob, M. M., & Daniel, E. G. (2013). The delphi technique in identifying learning objectives for the development of science, technology and society modules for Palestinian ninth grade science curriculum. *International Journal of Science Education*, 35(15), 2538–2558. doi:10.1080/09500693.2011.610381
- Amin, B., & Ismet, F. (2016). *Teknologi Motor Bensin*. Jakarta: Kencana.
- Arifin, F. F., & Nasrudin, H. (2014). Development of student worksheet which contextual approach oriented to train critical thinking skills on reaction rates subject matter in student grade XI senior high school. *Unesa Journal of Chemical Education*, 93-99.
- Asliyani, Rusdi, M., & Asrial. (2014). Pengembangan bahan ajar kimia SMK Teknologi kelas X berbasis kontekstual. *Edu-Sains*, 3(2), 1-7.
- Badan Standar Nasional Pendidikan (BSNP). (2014). *Penilaian Buku Teks Pelajaran*. Diakses melalui <https://bsnp-indonesia.org>
- Blondera, R., Zemlera, E., & Rosenfeld, S. (2016). The story of lead: a context for learning about responsible research and innovation (RRI) in the chemistry classroom. *The Royal Society of Chemistry*, 1-13. doi:10.1039/c6rp00177g
- Bybee, R., & McCrae, B. (2011). Scientific literacy and student attitudes: perspectives from PISA 2006 science. *International Journal of Science Education*, 1(3), 7-26.
- Chang, R. (2010). *Chemistry (10th ed.)*. New York: McGraw-Hill.
- Chen, B., & Wei, B. (2015). Investigating the factors that influence chemistry teachers' use of curriculum materials: The case of China. *Science Education International*, 26(2), 195-216.
- Corrigan, D., & Fensham, P. (2002). The roles of chemistry in vocational. Dalam J. K. Gilbert, O. Jong, R. Justi, D. Treagust, & J. Driel, *Chemical Education: Towards Research-based Practice* (hal. 125-141). Dordrecht: Kluwer Academic Publishers.
- Creswell, J., & Clark, V. (2012). *Educational research: Planning, conducting, and evaluating quantitative and qualitative research*. United States of America: Pearson Education, Inc.
- Dipsmk. (2017, 10 13). *Direktorat Pembinaan SMK*. Diambil kembali dari data pokok: <https://psmk.kemendikbud.go.id>
- Faraday, S., Overton, C., & Cooper, S. (2011). *Effective teaching and learning in vocational education*. London: LSN.
- Fassenden, R., Fassenden, J., & Logue, M. (1998). *Organic chemistry 6th edition*. United States of America: International Thomas.

- Hanafiah, N., & Suhana, C. (2012). *Konsep Strategi Pembelajaran*. Bandung: Refika Aditama.
- Hanifah, U. (2014). Pentingnya buku ajar yang berkualitas dalam meningkatkan efektivitas pembelajaran bahasa arab. *Jurnal At-Tajdid*, 1(3), 99-121.
- Hardjono, A. (2007). *Teknologi Minyak Bumi*. Yogyakarta: Gadjah Mada University Press.
- Haryati, M. (2007). *Model dan Teknik Penilaian pada Tingkat Satuan Pendidik*. Jakarta: Gaung Persada Press.
- Hill, J., McCreary, T., & Kolb, D. (2010). *Chemistry for Changing Times Twelfth Edition*. United State : Pearson Education, Inc.
- Huda, M. (2015). *Model-model Pengajaran dan Pembelajaran: Isu-isu Metodis dan Paradigmatis*. Yogyakarta: Pustaka Pelajar.
- Ikävalko, V.-M., & Aksela, M. (2015). Contextual, revelant and practical chemistry teaching at upper secondary school level textbooks in Finland. *Lumut*, 304-315.
- Kapici, H., & Funda, S. (2015). Examination of Visuals about the Particulate Nature of Matter in Turkish Middle School Science Textbook. *Chemistry Education Research and Practice Journal*, 518-536.
- Keputusan Direktorat Jendral Pendidikan Dasar dan Menengah No. 330/D.D5/Kep/KR/2017 tentang Kompetensi Inti dan Kompetensi Dasar Mata Pelajaran Muatan Nasional (A), Muatan Kewilayahan (B), Dasar Bidang Keahlian (C1), Dasar Progam Keahlian (C2), dan Kompetensi Keahlian (C3). Diakses melalui <https://psmk.kemendikbud.go.id>
- Kukliansky, I., & Rozenes, S. (2015). The contextual learning approach in engineering education. *1st International Conference on Higher Education Advances* ( hal. 206-211). Valencia: Universitat Politecnica de Valencia.
- Mohamed, R., & Lebar, O. (2017). Authentic assessment in assessing higher order thinking skills. *International Journal of Academic Research in Business and Social Sciences*, 7(2), 466-476. doi:10.6007/IJARBS/v7-i2/2021
- Mudlofir, A. (2012). *Aplikasi Pengembangan Kurikulum Tingkat Satuan Pendidikan dan Bahan Ajar dalam Pendidikan Islam*. Jakarta: Rajawali Pers.
- Organisation for Economic Coperation and Development (OECD). (2006). *Assessing Scientific, Reading, Matematical Literacy: A Freamework for PISA 2006*. Diakses melalui <https://oecd.org/pisa>
- Prastowo, A. (2012). *Panduan Kreatif Membuat Bahan Ajar Inovatif*. Yogyakarta: Diva Press.
- Purwono, S., & Murachman, B. (2012). *Proses Pengolahan Minyak Bumi*. Yogyakarta: UGM Press.

- Republik Indonesia. (2003). Undang-undang No. 20 Tahun 2003 tentang Sistem Pendidikan Nasional. Lembaran Negara RI Tahun 2003, No 20. Sekretariat Negara. Jakarta
- Sanjaya, W. (2013). *Kurikulum dan Pembelajaran: Teori dan Praktik Pengembangan Kurikulum Tingkat Satuan Pendidikan (KTSP)*. Jakarta: Kencana.
- Sevian, H., & Bulte, A. (2015). Learning Chemistry to Enrich Students. Dalam I. Eilks, & A. Hofstein, *Relevant Chemistry Education – From Theory to Practice* (hal. 55-78). Rotterdam: Sense Publishers.
- Siregar, E., & Hartini, N. (2011). *Teori Belajar dan Pembelajaran*. Bogor: Ghalia Indonesia.
- Suchocki, J. A. (2007). *Conceptual Chemistry Third Edition*. San Franscisco: Pearson Benjamin Cummings.
- Tarigan, G. H., & Tarigan, D. (1986). *Telaah Buku Teks Bahasa Indonesia*. Bandung: Angkasa.
- Thobaroni, M., & Mustofa, A. (2013). *Belajar dan Pembelajaran: Pengembangan Wacana dan Praktik Pembelajaran dalam Pembangunan Nasional*. Yogyakarta: Ruzz Media.
- Uno, H. B. (2007). *Model Pembelajaran Menciptakan Proses Belajar Mengajar yang Kreatif dan Efektif*. Jakarta: Bumi Aksara.
- Vaino, K., Holbrook, J., & Rannikmae, M. (2012). Stimulating students, intrinsic motivation for learning through the use of context-based learning modules. *Chemistry Education Research and Practice Journal*(13), 410-419. doi:10.1039/c2rp20045g
- Vos, M. A., Taconisa, R., Jochemsa, W. M., & Pilotb, A. (2011, July 11). Classroom implementation of context-based chemistry education by teachers: The relation between experiences of teachers and the design of materials. *International Journal of Science Education*, 33, 1407–1432.
- Wauquier, J.-P. (1995). *Petroleum Referring (Crude Oil, Petroleum Products, Proevess Flowsheets*. Paris: Editions Technip.
- Wiyarsi, A. (2017). *Kurikulum dan Konten Pembelajaran Kimia di SMK untuk Guru dan Calon Guru Kimia*. Yogyakarta: UNY Press.
- Wiyarsi, A., Patana, C. F., & Sulisty, B. (2017). Model Kurikulum Kimia Terintegrasi Konteks Kejuruan untuk SMK Teknik Otomotif. Laporan Penelitian PSHP. LPPM UNY
- Wiyarsi, A., Pratomo, H., & Priyambodo, E. (2017). Chemistry Learning: Perception and Interest of Vocational High School Student of Automotive Engineering Program. *3rd International Seminar of Science Education*. 3, hal. 359-366. Yogyakarta: Yogyakarta State University. Dipetik 10 28, 2017

