

## REFERENCES

- Allabi, IssaandOyekunle. (2012). The Use of Computer Based Testing Method for the Conduct of Examinations at the University of Ilorin. *International Journal of Learning and Development*. 2(3): 68-80.
- Akbar, M. N. (2016). *Developing Science Virtual Test to Measure Students' Critical Thinking on Living Things and Environmental Sustainability Theme*. Undergraduate Thesis, International Program on Science Education, Universitas Pendidikan Indonesia, Bandung.
- Alfaro, R. (2003). *Logical Thinking: Intuitive, Logic or Both?*. [online]. Retrieved from <http://news.nurse.com/apps/pbcs.dll/article?AID=2003305050367>. [Accessed on December 13, 2016]
- Arachchi, Diasand Madanayake. (2014). A Comparison between Evaluation of Computer-based Testing and Paper-Based Testing for Subjects in Computer Programming. *International Journal of Software Engineering and Applications*. 5(1): 57-72.
- Arikunto, S. (2013). *Dasar-dasar Evaluasi Pendidikan*. Jakarta: PT Bumi Aksara.
- Bridgeman, B. (2009). Experiences from Large-Scale Computer-Based Testing in the USA. In F. Scheurmann and J. Bjornsson (Eds.), *The Transition to Computer-Based Assessment* (pp. 39-44). Luxembourg: Office for Official Publications of the European Communities.
- Campbell, N. (2008). *Biology Eight Edition*. United States of America: Pearson Education.
- Çevik, S. (2013). *An Investigation of the Critical Thinking Dispositions of Pre-service Teachers at a Private Non-profit University*. Master Degree Thesis. Bilkent University, Institute of Educational Sciences, Ankara.
- Delen, E. (2015). Enhancing a Computer-Based Testing Environment with Optimum Item Response Time. *Eurasia Journal of Mathematics, Science and Technology Education*. 11(6):1457-1472.
- Doyle, A. (2016). *Logical Thinking Definition with Examples*. [online] Retrieved from <https://www.thebalance.com/logical-thinking-definition-with-examples-2059690> [accessed on December 13, 2016]
- Dunn, M. (2013). *What is formal reasoning?* [online]. Retrieved from <http://www.theoryofknowledge.net/ways-of-knowing/reason/what-is-formal-reasoning/> [accessed on December 13, 2016]

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- Ennis, R. (1993). *Critical Thinking Assessment*. [online]. Retrieved from <http://www3.qcc.cuny.edu/WikiFiles/file/Ennis%20Critical%20Thinking%20Assessment.pdf>. [accessed on October, 2016]
- Fuad, N. (2016). Improving Junior High Schools' Critical Thinking Skills Based on Test Three Different Models of Learning. *International Journal of Instruction*. 10(1): 101 – 116.
- Hudgins, B., and Edelman, S. (1988). Children's Self-Directed Critical Thinking. *Journal of Educational Research*. 81(5): 262-273
- Inch, E.S. (2006). *Critical Thinking and Communication: The Use of Reason in Argument*. United States of America: Pearson Education.
- Ip, W., Lee, D., Lee, I., Chau, J., Wotton, Y., & Chang, A. (2000). Dispositions towards critical thinking: A study of Chinese undergraduate nursing students. *Journal of Advanced Nursing*. 32: 84-90.
- Jim, R., Sean, M., and Pead. (2004). *Literature Reviews of E-assessment*. [online]. Retrieved from <http://hal.archivesouvertes.fr/docs/00/19/04/40/PDF/ridgway-j-2004-r10.pdf>. [accessed on October 4, 2016]
- Karag, I. and Bekmezci, S. (2015). Investigating Academic Achievements and Critical Thinking Dispositions of Teacher Candidates. *Journal of Education and Training Studies*. 3(4): 86-92.
- Kivunja, C. (2014). Do You Want Your Students to Be Job-Ready with 21st Century Skills? Change Pedagogies: A Pedagogical Paradigm Shift from Vygotskyian Social Constructivism to Critical Thinking, Problem Solving and Siemens' Digital Connectivism. *International Journal of Higher Education*. 3(3): 81-91
- Lai, E. (2011). *Critical Thinking: A Literature Review*. [online]. Retrieved from <http://www.pearsonassessments.com/research>. [accessed on July 7, 2017]
- Lallanila, M. (2016). *What is the Greenhouse Effect?*. [online] Retrieved from <https://www.livescience.com/37743-greenhouse-effect.html>. [accessed on October, 2016]
- Lambers, H. (2016). *Plant Reproductive System*. [online]. Retrieved from <https://www.britannica.com/science/plant-reproductive-system>. [accessed on October, 2016]
- MacMillan, A. (2016). *Global Warming 101*. [online]. Retrieved from <https://www.nrdc.org/stories/global-warming-101>. [accessed on July, 2017]

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- McMillan, J. H., and Schumacher, S. (2001). *Research in Education. A Conceptual Introduction (5th ed.)*. New York: Longman.
- Maqableh, Masa'deh and Mohammed. (2015). The Acceptance and Use of Computer Based Assessment in Higher Education. *Journal of Software Engineering and Applications*. 8(-): 557-574.
- Mardana, A. (2017). *UNBK Dinilai Efisien dan Meminimalisir Kecurangan* [online]. Retrieved from <http://majalahkartini.co.id/berita/peristiwa/unbk-dinilai-efisien-dan-meminimalisir-kecurangan/>. [accessed on July, 2017]
- Martina and Smith. (2014). Developing Critical Thinking Skills in Undergraduate Nursing Students: The Potential for Strategic Management Simulations. *Journal of Nursing Education and Practice*. 4(9): 155-162.
- McMahon, G. (2009). Critical Thinking and ICT Integration in a Western Australian Secondary School. *Educational Technology and Society*. 12 (4), 269–281.
- Nelson, A. (2013). Impact of Critical thinking on Performance in Mathematics among Senior Secondary School Students in Lagos State. *IOSR Journal of Research and Method in Education*. 3(5): 18-25.
- Paul, R., and Elder, L. (2007). *A Critical Thinker's Guide to Educational Fads*. Santa Rosa, CA: Foundation for Critical Thinking. [online]. Retrieved from: <https://www.criticalthinking.org/>. [Accessed on October 12, 2016]
- Paul, R. and Elder, L. (2006). *The Miniature Guide to Critical Thinking Concepts and Tools*. Dillon Beach, CA: Foundation for Critical Thinking Press.
- Paul, R. and Elder, L. (2010). *Critical Thinking Development: A Stage Theory*. [online]. Retrieved from <http://www.criticalthinking.org/pages/critical-thinking-development-a-stage-theory/483>. [Accessed on August, 2017]
- ProProfs. (2015). *What is Computer Based Assessment*. [online]. Retrieved from <http://www.proprofs.com/c/lms/what-is-computer-based-assessment/>. [accessed on October, 2016]
- Rosen, Y. (2014). Making Student Thinking Visible through a Concept Map in Computer-Based Assessment of Critical Thinking. *Journal of Educational Computing Research*. 50(2): 249-270.
- Rusyati, L., and Firman, H. (2017). Validation of science virtual test to assess 8th grade students' critical thinking on living things and environmental sustainability theme. *AIP Conference Proceedings*. 1848.

- Sanny, A.A. (2015). Computer Based Testing (CBT): An Assessment of Student Perception of JAMB UTME in Nigeria. *Computing, Information Systems, Development Informatics and Allied Research Journal*. 6 (2): 13-28.
- Scriven, M., and Paul, R. (1987). 'Defining Critical Thinking'. [Online]. *8th Annual International Conference on Critical Thinking and Education Reform*. Summer, 1987. Retrieved from <http://www.criticalthinking.org/pages/defining-critical-thinking/766>
- Slavin, R. (2006). *Educational Psychology: Theory and Practice*. Michigan University: Pearson.
- Suherman, E. (2003). *Evaluasi Pembelajaran Matematika*. Bandung: FPMIPA UPI.
- Sumner, T. (2015). *Scientist confirm greenhouse effect of Human's CO2*. [online] <https://www.sciencenewsforstudents.org/article/scientists-confirm-greenhouse-effect-humans-co2>. [accessed on October, 2016]
- Teotonio, I. (2017). *Teaching Kids to Think Critically is Crucial for Their Future*. [online]. Retrieved from <https://www.thestar.com/life/parent/2017/06/04/teaching-kids-to-think-critically-is-crucial-for-their-future.html>. [accessed on July, 2017]
- Thurlow, et. al. (2010). *Computer-based Testing: Practices and Considerations*. (Synthesis Report 78). Minneapolis, MN: University of Minnesota, National Center on Educational Outcomes.
- Tobin and Capie. (1981). The Development and Validation of a Group Test of Logical Thinking. *Educational and Psychological Measurement*. 41(-): 413-423.
- Willis, T. (2004). Affective Dispositions and Cognitive Skills in Critical Thinking: Implications for Measurement, Training, and Team Performance. *Graduate Thesis and Dissertations*. [online]. Retrieved from: <http://scholarcommons.usf.edu/etd/1304>
- Yenilmez, A., Sungur, S. and Tekkaya, C. (2005). Investigating students' logical thinking abilities: The effects of gender and grade level. *Hacettepe Üniversitesi Eğitim Fakültesi Dergisi*, 28, 219-225.

