Southern New Hampshire University

Annotating Your Sources 3-4

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Eng-123

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The book “STEM Education: An Emerging Field of Inquiry” was found while searching the Shapiro Library from SNHU. It was published under Global Education of the 21st Century. The book is filled with all sorts of information related to STEM education it all leads up to why the need is so important. The authors provide many sources starting “A Review of Educational Research” by Akkerman, S.F. and Bakker A. all the way to “Education Leadership” by Vasquez, J. A counterargument could relay the ways technology is destroying today’s society.

When performing the C.R.A.A.P.O. test this reference scored a 40. The information is pretty up to date but has not been updated recently since the book was published in 2018. The original ideas are were all credited to the rightful resources but the authors themselves have no credentials. All the information is relevant and has all been under peer review.

The book seems full of information that can help me with my arguments. It starts with what the argument is about and fills in the gaps with why it’s needed. This will open my eyes to other reasons beyond what I knew why STEM is essential.

The article “Commandant David Berger Speaks on the Importance of Education” by Journalist Christopher Zacher is an article originally sourced from *The US Black Engineer and Information Technology* magazine. The database is referenced as JSTOR Journals. David Berger talks about how without STEM the navy wouldn’t be where it is today. The argument point would be the navy was fine the way it was.

To sum up the article General Berger created programs for his fellow marines that revolve around STEM. He talks about the importance of STEM and how it relates to navy life. His prime example shows how technology advances certainly help with just about anything, but we also need people to have a brief understanding to incorporate these new technologies.

This article received a 41 on the C.R.A.A.P.O. test. The article was published in 2020 making it very recent and up to date. The author was Christopher Zacher but he did not have credentials. The article went through a series of peer reviews before being published. The relevance of this article supports my argument by showing the importance of STEM education is not just for individuals, but it helps the country as well.

An article called “Upper-Secondary School Science Teachers Perspective of The Integrating Mechanisms and Importance of Stem Education” by Almurie, EA, Algarni, NA, Alahmad, NS, is an academic journal entry found on SNHU online Shapiro library. It was published by the Journal of Baltic Science Education. It talks about what teachers feel about incorporating new techniques in the classroom and why it’s needed. The article is supported by research done via a questionnaire to 700 teachers that specialize in different subjects. This entails the importance of STEM in all fields and subjects to be evaluated and not just science. The argument someone may present against it is that since some of the teachers are stuck in the old ways of teaching the results may not be 100% valid.

The information in the article has 3 authors with credentials and it was peer-reviewed. The evidence was substantial giving it a 45 on the C.R.A.A.P.O. test. The argument is well supported by the research done as previously stated. The article will help me with my argument by explaining another point of view.

Citations:

Christopher Zacher,2020, Commandant David Berger Speaks on the Importance of STEM Education, *US Black Engineer and Information Technology,44*(4),

16-17. https://www-jstor-org.ezproxy.snhu.edu/stable/48634889?seq=1#metadata\_info\_tab\_contents

AlMuraie, E. A., Algarni, N. A., & Alahmad, N. S. (2021). Upper-Secondary School Science Teachers’ Perceptions Of The Integrating Mechanisms And Importance Of Stem Education.*Journal of Baltic Science Education, 20*(4),

546-557. http://dx.doi.org/10.33225/jbse/21.20.546

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