

Shannon Betz-Decker
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Article Review- 3

Henriksen, D. d., Mishra, P. p., & Fisser, P. p. (2016). Infusing Creativity and Technology in 21st Century

Education: A Systemic View for Change. Journal Of Educational Technology & Society, 19(3), 27-37.

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<http://eds.a.ebscohost.com.proxy.tamuc.edu/ehost/pdfviewer/pdfviewer?vid=5&sid=5f14dbad-0b4b-422d-868d-3efbcbb800b9%40sessionmgr4007&hid=4210#>

Keywords: Creativity, Technology, Teacher Education, Teacher Professional Development, TPACK, Policy, Assessment

This article jumped out to me because it's talking about 2 aspects which I feel are import in education at this time, creativity and technology, WIN WIN! Plus it hooked me with this great quote, "**Creativity can be learned, but since it is a thinking skill it can only be "learned by doing" or as "learning in action."**"

The article states, "The rapid pace of new technology development has presented a challenge for classroom technology integration (Zhao, 2012). Creativity is deeply connected to issues of technology integration, so these issues of creativity and technology can be considered in tandem." Our advances in technology seem to be motivated by our own creativity, thus the two are working hand in hand.

The article goes on to address several things that most of us are aware of, such as, testing, drill and kill and society norms of education have somewhat driven out creativity as students get older. It's very hard with mandated tests and assignments to feel like we as teachers can be "creative" in our planning but if we want the best for our students we have to make it happen.

When it comes to technology the article states, "Contemporary **technologies often bring new possibilities for people to be creative**. In classroom terms teachers must understand the range of ways in which **technology can present content creatively, and see how this intersects with different pedagogies.**" I completely agree! So how can we do this? The article refers to the TPACK Framework to enable teachers to create balanced lessons which include technology and "novel ideas." It's also noted that, "given the changing world we live it, it becomes critical for us to ask ourselves what it is that today's students need to know in order to succeed... Once we identify these larger purposes and goals, the TPACK framework helps us consider how to achieve them..."

The article then lists, "three stands of influence for approaching creativity in 21st century education," which are:

1. "Teacher education

- develop Teacher Education curriculum that integrates technology and creativity across the program
 - Programs focusing on creativity and technology
 - use a framework that connects creativity and technology to curriculum guidelines
2. Assessment
- Psychometric vs. Behavioral
 - Process vs. Product
 - Individual vs. Group
 - Use alternative forms of assessment
3. Educational policy
- Creativity and technology need to be featured in policy at all levels (macro / meso / micro)
 - Creativity and technology should be embedded across the curriculum
 - A greater push for research to identify models and practices"

In conclusion this was a VERY refreshing article to read. I love the passion the researchers had for creativity and technology being fostered together in education. I would highly recommend this article in its entirety to all educators. It's great that they offered the TPACK framework as a means for lesson development.