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Mishra & Koehler, 2006

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The Mishra & Koehler (2006) article is the first and somewhat definitive presentation of the TPCK framework. The complete reference and abstract are given below, as is a link to the original article [pdf format].

Mishra, P., & Koehler, M. J. (2006). [Technological Pedagogical Content Knowledge: A new framework for teacher knowledge](#). *Teachers College Record* 108 (6), 1017-1054.

Research in the area of educational technology has often been critiqued for a lack of theoretical grounding. In this article we propose a conceptual framework for educational technology by building on Shulman's formulation of "pedagogical content knowledge" and extend it to the phenomenon of teachers integrating technology into their pedagogy. This framework is the result of 5 years of work on a program of research focused on teacher professional development and faculty development in higher education. It attempts to capture some of the essential qualities of teacher knowledge required for technology integration in teaching, while addressing the complex, multifaceted, and situated nature of this knowledge. We argue, briefly, that thoughtful pedagogical uses of technology require the development of a complex, situated form of knowledge that we call Technological Pedagogical Content Knowledge (TPCK). In doing so, we posit the complex roles of, and interplay among, three main components of learning environments: content, pedagogy, and technology. We argue that this model has much to offer to discussions of technology integration at multiple levels: theoretical, pedagogical, and methodological. In this article, we describe the theory behind our framework, provide examples of our teaching approach based upon the framework, and illustrate the methodological contributions that have resulted from this work.

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Punya ...

@FarOutAkhtar A home-made video based on Socha Hai from Rock On. Hope you like it <http://t.co/oF9796vx> 29 days ago

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5 Responses to "Mishra & Koehler, 2006"

Interesting TPACK related discussion | Punya Mishra's Web Says:

February 3rd, 2010 at 12:05 pm

[...] | Charleston, SC for SITE 09 | TPACK in Journal of Teacher Education | TPACK @ AERA, New York | Mishra & Koehler, 2006 [...]

Madhavi Dharankar Says:

February 12th, 2011 at 1:25 am

Respected Authors,

Regards! I was much thrilled to see your work on TPCK as my doctoral work is on the same line. I need this and other related articles of yours on this topic as references in Ph D work. Could you please send me those articles by e-mail? I shall be obliged to you for this kind help.

Wendy Cahill Says:

March 7th, 2011 at 2:27 am

I have been asked to purchase the article: Technological pedagogical content knowledge: A framework for teacher knowledge for a lecturer here at James Cook University, Cairns Australia.

Please advice how this can be done.

Cheers, Wendy

Josh DeSantis - Technology Efficacy = Usefulness – Hurdles Says:

October 15th, 2011 at 8:11 am

[...] decided to use Mishra & Koehler's TPACK model of teacher knowledge to design development that improves the ease of use of the [...]

Writing a Performance Task | Kims Kaleidoscope Says:

October 29th, 2011 at 10:17 am

[...] I'm a computer resource specialist. I'm the "technology expert" (TPACK, Mishra & Koehler, 2006) and my main job in this is to advise the team on the best technology to use for the task. The [...]

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