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Prabhu, Vrunda; Watson, James

Focus on creativity – literacy – numeracy.

Czarnocha, Bronislaw (ed.) et al., The creative enterprise of mathematics teaching research. Elements of methodology and practice – from teachers to teachers. Rotterdam: Sense Publishers (ISBN 978-94-6300-548-7/hbk; 978-94-6300-547-0/pbk; 978-94-6300-549-4/ebook). 75-93 (2016).

Summary: The TR/NYCity model of teaching-research has its origins at Hostos Community College (HCC) in the Mathematics/English-as-a-Second-Language (ESL) linked course teaching experiment, entitled ESL/Math Collaboration Toward Building the Family Model at Hostos CC. In this 11th year of evolving development, a blending of themes has been its hallmark, with mathematics remaining a steady focus. In the teaching experiment above, the question was, – would closely knit coordination of syllabi between the algebra course, with its algebraic language, and intermediate-level ESL, help students better learn English? The hope was the learning algebra with its highly syntactical language in coordination with learning the syntax of the natural language would help in mastering the latter.

Classification: E40 C50

Keywords: creativity; teaching research; algebraic language; language; literacy; numeracy

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