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Virtual manipulatives on the interactive whiteboard: A preliminary investigation.

Aust. Prim. Math. Classr. 13, No. 1, 9-14 (2008).

As part of the project titled "Hands-On Heads-On: The Effective Use of Manipulatives Both Virtual and Physical" being undertaken at Edith Cowan University, there was an investigation into the use of virtual manipulatives and the interactive whiteboard (IWB). Virtual manipulatives may be defined as a virtual representation of a physical manipulative which, through various dynamic processes may help develop mathematical conceptual understanding. This article outlines how virtual manipulatives and IWBs can be used in the classroom. (Contains 3 figures.) (ERIC)

Classification: U50 C70

Keywords: investigations; manipulative materials; educational technology; classroom environment; computer simulation; information technology; teaching methods; technology uses in education; case studies
<http://www.aamt.edu.au/Webshop/Entire-catalogue/Australian-Primary-Mathematics-Classroom>