

## Document details

[< Back to results](#) | 1 of 1
[↗ Export](#)
[⬇ Download](#)
[🖨 Print](#)
[✉ E-mail](#)
[Save to PDF](#)
[☆ Add to List](#)
[More... >](#)
[View at Publisher](#)

Review of European Studies  
Volume 6, Issue 3, 2014, Pages 31-38

## Development of a science module through interactive whiteboard (Article)

 Perinpasingam, P.T.S.<sup>a</sup> ✉, Arumugam, N.<sup>b</sup>, Sathyaperbha<sup>b</sup>, Mylvaganam, G.<sup>b</sup> 🔍
<sup>a</sup>School of Architecture, Buiding and Design, Taylor's University, Subang Jaya, Malaysia<sup>b</sup>Akademi Pengajian Bahasa, Universiti Teknologi Mara, Shah Alam, Malaysia

## Abstract

[View references \(24\)](#)

This study reveals the outcome of the design and evaluation module using Interactive Whiteboard in the teaching and learning of Science in a Year Three classroom. The development process was based on Kristaf and Satran's (1995) notion that information, interactive and presentation designs form the system of interactive learning. Besides, the design model by Dick and Carey (1990) describes that evaluation and the revision processes were directed concurrently. Two instructional technologists and content experts participated in assessing the efficacy of this module. It is concluded that the module supports interactive learning approaches. The module served as a pedagogical tool that seems to be a feasible solution to heightening the inquisitive learning of science and confidence of primary school children.

## Author keywords

Interactive whiteboard    Module development and instructional technology

ISSN: 19187173

Source Type: Journal

Original language: English

DOI: 10.5539/res.v6n3p31

Document Type: Article


Publisher: Canadian Center of Science and Education

## References (24)

[View in search results format >](#)
 All    [Export](#)    [🖨 Print](#)    [✉ E-mail](#)    [Save to PDF](#)    [Create bibliography](#)

- 1 Beeland, W.B. (2002) *Student Engagement, Visual Learning and Technology: Can Interactive Whiteboards Help?*. Cited 38 times. Retrieved August 5, 2012, from [http://chiron.valdosta.edu/are/Artmanscrpt/vol1no1/beeland\\_am.pdf](http://chiron.valdosta.edu/are/Artmanscrpt/vol1no1/beeland_am.pdf)

- 2 Bholá, H.S. (1990) *Evaluating Literacy For Development Projects, Programs and Campaigns: Evaluation Planning, Design and Implementation, and Utilization of Evaluation Result*, 12, p. 306. Hamburg, Germany: UNESCO Institute for Education; DSE [German Foundation for International Development]. Retrieved August 5, 2005, from <http://www.sil.org/lingualinks/literacy/ReferenceMaterials/GlossaryOfLiteracyTerm/WhatIsEvaluaton.htm>

Metrics 

0 Citations in Scopus

0 Field-Weighted Citation Impact

PlumX Metrics 

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

## Cited by 0 documents

Inform me when this document is cited in Scopus:



## Related documents

Children's perceptions of learning with an interactive whiteboard

 Yáñez, L. , Coyle, Y. (2011) *ELT Journal*

Examining students' attitudes and views towards usage an interactive whiteboard in mathematics lessons

 Tatarođlu, B. , Erduran, A. (2010) *Procedia - Social and Behavioral Sciences*

An attitude scale for smart board use in education: Validity and reliability studies

 řad, S.N. (2012) *Computers and Education*

View all related documents based on references

Find more related documents in Scopus based on:

[Authors >](#)    [Keywords >](#)