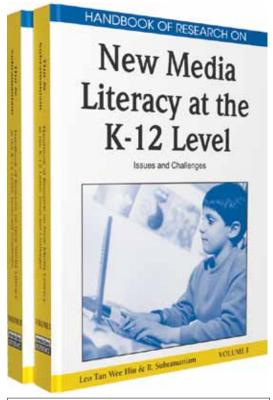
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## Handbook of Research on New Media Literacy at the K-12 Level: Issues and Challenges



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Technological advancements have greatly impacted and shaped what has now become the educational system through the convergence of curriculum and technology – particularly in the expansion of traditional forms of literacy.

The Handbook of Research on New Media Literacy at the K-12 Level: Issues and Challenges provides comprehensive articles on significant issues, methods, and theories currently combining the studies of technology and literacy. Through analysis by international experts of updated and relevant theories and developments, this must-have reference book presents academicians, field researchers, and scholars with a compendium of unsurpassed research into the new media literacy field.

## **Topics Covered:**

- 3-D virtual learning environments
- Characteristics of learning multimedia
- · Children's text messaging
- Digital divide
- Digital media literacy framework
- Early reading development

- Multimodal literacy
- New media literacy
- Problem-based learning
- Teaching and technology
- Technology-enriched classrooms
- Video games to improve literacy

**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Leo Tan Wee Hin has a Ph.D. degree in Marine Biology. He holds the concurrent appointments of President of the Singapore National Academy of Science as well as Professor of Biological Sciences and Director of Special Projects in the Faculty of Science at the National University of Singapore. Prior to this, he was Director of the National Institute of Education and Director of the Singapore Science Centre. His research interests are in the fields of marine biology, ICT in education, science education, museum science, telecommunications and transportation. He has published numerous research papers in international refereed journals.



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