

Research Report for GeSCI Meta-Review of ICT in Education Phase One

-Partial document-

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In response to:

Terms of Reference for GeSCI Request for Proposal

Meta-review of ICT in Education Research

(TOR dated 17 February 2009)

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The full version of this document, as well as Phase Two, are available from:

<http://www.gesci.org/publications.html>

Appendix A: Meta-Review Search Terminology Used in GeSci Study

- I. Educational Management and ICTs
 - a. Cost Effectiveness
 - b. Leadership Effectiveness
 - c. Instructional Leadership
 - d. Technology Integration
 - e. Change Strategies
 - f. Educational Change
 - g. Educational Development
 - h. Information Policy
 - i. Policy Analysis
 - j. Program Effectiveness
 - k. Program Evaluation
 - l. Program Validation
 - m. School Effectiveness
 - n. State Standards
- II. ICT Infrastructure
 - a. Access to Computers
 - b. Equal Access
 - c. Computer-mediated Communication
 - d. Telecommunications
 - e. Rural Areas
 - f. Rural Education
 - g. Distance Education
 - h. Web-based Instruction
 - i. Online courses
 - j. Handheld Devices
 - k. Computer Networks
 - l. Client-Server Architecture
- III. Integration of ICTs into Teaching and Learning
 - a. Instructional Innovation
 - b. Games
 - c. Social Networks (Teacher Education)
 - d. Computer Simulation
 - e. Technology Integration (Effect on Teaching and Learning)
 - f. Gender Differences
 - g. Gender Issues
 - h. Constructivism

- i. Problem Solving
- j. Learning Strategies
- k. Instructional Effectiveness
- l. Handheld Devices (ICT Infrastructure)
- m. Field Trips
- IV. Teacher Education and ICTs
 - a. Preservice Teacher Education
 - b. Preservice Teachers
 - c. Field Experience Program
 - d. Student Teachers
 - e. Mentors
 - f. Beginning Teacher Induction
 - g. Discussion Groups
 - h. Educational Environment
- V. Educational content and ICTs
 - a. Citizenship Responsibility
 - b. Science Activities
 - c. Language Acquisition
 - d. Mathematics Instruction
- VI. General Terms
 - a. Research Needs
 - b. Educational Trends
 - c. Teacher Attitudes
 - d. Developing Nations
 - e. Distance Education