

Case Studies of Innovative Pedagogical Practices Using Technology Second Information Technology in Education Study Module 2 (SITES M2)

**International Coordinating Center: A consortium of U.S., Dutch, and Canadian researchers
Coordinated by the Center for Technology in Learning, SRI International**

Robert Kozma, International Study Coordinator

Description. SITES Module 2 (M2) is an international qualitative study of innovative pedagogical practices that use information and communications technology (ICT). In each participating country, national panels will use common selection criteria, modified by national context, to identify innovative classrooms. National research teams will use a common set of case study methods to collect data on the pedagogical practices of teachers and learners, the role that ICT plays in these practices, and the contextual factors that support and influence them. The International Coordinating Center (ICC) will conduct a cross-national analysis of the cases. Implications will be drawn for both improved policy and classroom practices.

SITES is a study in three modules authorized by the International Association for the Evaluation of Educational Achievement (IEA). Module 2 builds on Module 1 (M1) and contributes to the subsequent Module 3 (M3) of SITES. Conducted in 1997-1999, M1 was a survey of principals and technology coordinators at a sample of schools in 26 countries. The focus of M1 was on the extent to which schools have adopted and implemented pedagogical practices that are considered important to education in the information society. Scheduled for 2000-2002 M3 will be an assessment of teachers and students, focusing on the impact of ICT on the skills and competencies they will need for the information society. The SITES M2 IEA study is being coordinated with a complementary study of technology-based innovative schools sponsored by the Organization for Economic Coordination and Development (OECD).

Goals. The goals of SITES M2 are:

- To identify and provide rich descriptions for innovative, technology-based pedagogical practices that are considered valuable by each country and that might be considered for large-scale implementation or adoption by schools in other countries.
- To provide information to national and local policy-makers that they can use to make decisions related to ICT and the role it might play in advancing their country's educational goals and addressing educational needs and problems.
- To provide teachers and other practitioners with new ideas about how they can use ICT to improve classroom practices.
- To add to the body of research knowledge and theory about the contexts and factors within and across countries that contribute to the successful and sustained use of innovative technology-based pedagogical practices.
- To investigate the measurement quality of M1 indicators and contribute to the development of M3 assessments.

Participation. Currently, countries from North America, Europe, Latin America, Asia, and Africa have expressed an interest in participating in the study. It is expected that approximately 25 countries will ultimately subscribe to the study. Each country will conduct from 4 to 12 case studies, depending on the grade level(s) included. It is expected that the cross-national study will be based on approximately 250 case studies.

Schedule. The SITES M2 study will be conducted from 2000 to 2002. Case selection will be made and case studies conducted in 2000-2001. The ICC will conduct cross-national analysis of the data, write the final report, and disseminate findings in 2001-2002.

For more information: Contact Robert Kozma at robert.kozma@sri.com