

Research Update

Center for Technology in Learning



Cornerstone Mathematics has a Successful Year in England



SRI International is collaborating with the [London Knowledge Lab](#) to expand the use of innovative technology-based mathematics materials in England. The program's pilot year was successful: **Teachers and students were overwhelmingly positive about the experience, and student learning gains matched those of prior studies in the U.S.**

The project, Cornerstone Mathematics, leverages over 20 years of research. Cornerstone Mathematics replaces a small number of units with a set of “peak experiences” that provide a more engaging and meaningful way to interact with mathematics. The project began in summer 2011 with a grant from the [Li Ka Shing Foundation](#). In the next two years, we will recruit 100 schools throughout England to participate in the project, develop additional modules to increase the breadth of student mathematics learning, and develop a technology platform to sustainably support large numbers of schools. The SRI team is also continuing to develop the materials to address the Common Core standards in the U.S. For more information, please visit cornerstonemaths.sri.com.

Denise Glyn Borders to Lead SRI's Education Division

Denise Glyn Borders, Ed.D., has joined SRI International as vice president of the [Education Division](#), a multidisciplinary group of researchers focused on improving education, learning, and outcomes from early childhood through college and into the workforce. Borders will drive strategy and planning for SRI's education research and develop business opportunities that help clients solve complex education challenges. Learn more about [Borders' new role](#).



Tinkering and Making Tap in to Children's Capabilities and Motivate Participation in STEM

Making, tinkering, and related approaches are increasingly seen as powerful ways to engage children in purposeful exploratory activities that tie to basic science and engineering principles. SRI researchers are working with the [California Tinkering Network](#), led by the Exploratorium and funded by the Stephen D. Bechtel Jr. Foundation, to evaluate the



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Latest News

Check out Louise Yarnall's Café Scientifique video, [Using Cognitive Science to Transform Assessment in College General Education](#). Yarnall discusses a study that involved prototyping a new assessment to track how well community college students are learning “big ideas” and applying these ideas to real-world problems.

With support from the U.S. Department of Defense [Advanced Distributed Learning](#) program, SRI artificial intelligence and learning scientists are developing PERLS, the Pervasive Learning System. Principal investigator Michael Freed and his team are designing an app that will sense nearby learning opportunities, alert you to them, and package learning materials into the digital formats that suit your lifestyle: a podcast for driving, a video for home, or augmented reality as you walk down the street.

Don't Miss Our June Research Update Featuring Our Ongoing Khan Academy Evaluation!

Learn about first-year results from our ongoing study of the adoption of the Khan Academy in primary and secondary schools and classrooms in Northern California. We will share what we have learned about how schools and teachers are integrating Khan Academy into classrooms to support math instruction.

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network's efforts to create a sustainable, adaptable, and scalable model for providing educationally rich making opportunities to children attending afterschool and summer programs in low-income communities. SRI is also conducting a developmental evaluation of [Intel's new Start Making](#) program, which is designing maker activities for attracting young people to science and engineering through maker fairs, community-based workshops, afterschool programs, and innovative school initiatives.

[SRI International](#) is an independent, nonprofit research institute. The mission of SRI's Center for Technology in Learning (CTL) is to improve learning and teaching through innovation and inquiry. Much of our work is conducted in educational settings such as classrooms, afterschool programs, and teacher education programs. Visit ctl.sri.com.

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