

Professional Development: The Impact of Integrating Technology in Instruction

Timeline: 2010-2011

Client: Atomic Learning

The Challenge. Schools are under increasing pressure to implement the Common Core Standards and to develop students' career and college readiness skills. One way to achieve these goals is through the effective integration of technology in instruction which requires extensive teacher training and professional development.

The Solution. During the 2010-2011 school year, SEG Measurement conducted a year-long, multi-site study with approximately 1,000 6th, 7th and 8th grade teachers and students in 42 classrooms in Minnesota, Missouri and Texas, to evaluate the impact of teacher technology training using Atomic Learning on student achievement. The study compared the growth in academic skills of whose teachers used Atomic Learning (Treatment Group) to those in classes whose teachers did not use Atomic Learning (Control Group). The study compared student academic growth in the Treatment and Control Groups as well as the growth in Reading Comprehension and Mathematics attained by students in the Treatment Group and Control Group between the beginning and end of the 2010-2011 school year.

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