



SAN LUIS, ARGENTINA'S ALL KIDS ONLINE PROGRAM

In developing nations and under-resourced school systems, textbooks and even paper can be scarce or shared resources. Mobile devices can add dramatic value in even when the devices are used with existing teaching strategies.

All Kids Online is part of a broad, 20-year initiative to transform the society and economy of the rural province of San Luis, Argentina. As in many Latin American schools, San Luis primary-school students previously relied on a copybook as combination textbook, workbook, study guide, notebook, and portfolio. The All Kids Online initiative is equipping all K-6 students in San Luis with an Intel-powered Laptop, and all K-6 teachers with a laptop. The program also includes educational software, mentors, wireless broadband connectivity for homes and schools, and additional classroom technologies.

In a research project funded by Intel,²¹ researchers from the Education Development Center (EDC) observed classrooms at three San Luis primary schools. The research team found that because of All Kids Online, students' classmate PCs had replaced the copybooks and become a daily part of learning and teaching. Simply using the digital resources primarily as copybook replacements facilitated five important changes:

- Teachers managed the classroom more efficiently, giving them more time and allowing them to personalize resources to each student's level.
- Students and teachers could access a wider variety of educational resources, and each student had his or her own set of materials. Students spent more time on task.
- Students took ownership of their learning. They directed more of their own learning, controlling their own pace and taking on more activities as they were ready.
- Students received more frequent feedback. Even simple interactive worksheets helped learners practice and problem-solve, and kept them working longer. Teachers made better use of their time with students, and students could study outside of school.
- Students, teachers, and parents enjoyed more fluid communications, using tools such as chat and ad hoc video conferencing to ask questions or send homework reminders.

By making the teacher's job easier and more effective, these changes are leading to substantial improvements in student learning. They deliver immediate value while advancing San Luis schools toward deeper transformation.



All K-6 students equipped with PC; students **take ownership** of their **learning**

Teachers are more **effective**; immediate value in **student learning**



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