

A study of 1:1 programs

Scope of study

- 997 schools in 49 states
- 11 diverse education success measures (Disciplinary action rate, Dropout rate, high stakes test scores, paper and copying expenses, paperwork reduction, teacher attendance, AP course enrollment, College attendance plans, course completion rates, dual enrollment in college, and graduation rates)
- 22 categories of independent variables

Major Findings

- Proper implementation of technology is linked to education success
- Properly implemented technology saves money
- 1:1 schools that properly implement technology outperform all other schools, including all other 1:1 programs
- A school principal's ability to lead is critical
- Technology –transformed intervention improves learning
- Online collaboration increases learning productivity and student engagement.
- Daily use of technology delivers the best return on investment

<i>Education Success Measure</i>	<i>Properly Implemented 1:1 Schools (%)</i>	<i>All 1:1 Schools (%)</i>	<i>All other Schools (%)</i>
<i>Reduction of Disciplinary action</i>	92	65	50
<i>Increase: High Stake test scores</i>	90	70	69
<i>Reduction: Dropout rate</i>	89	58	45
<i>Increase: Graduation rate</i>	63	57	51

<i>Frequency of Technology Use in Instruction</i>	<i>1:1 schools (%)</i>	<i>4:1 or higher schools (%)</i>
<i>Uses a wide variety of electronic resources</i>	83	46
<i>Uses problem-based learning</i>	75	43
<i>Allows students to control their own learning</i>	75	40

Sample Roll-out Timeline – Informational Only

April 2013 - Draft Charter for digital learning initiative

May thru June 2013 – Conduct Fit-Gap Analysis (instructional and technical)

July 2013 – Finalize Professional Learning Plan

August 2013 thru August 2014 – Begin Professional Learning Plan Implementation

September 2013 – Policy Review

October 2013 – Finalize all technical gaps

December 2013 – Draft RFP

January 2014 – Review RFP proposals

February thru March 2014 – Evaluate proposals (technical and instructional)

April 2014 – Award RFP

May 2014 – Place Order

July 2014 – Receive and Prep the Equipment

August 2014 – Conduct Responsible Use mini-course

September 2014 – Kick-off and Roll-out

December 2014 – Mid-Year Review

June 2015 – End of Year Review RFP