

# INTALEQ YEMEN Project Summary

## INnovations in Technology-Assisted Learning for Educational Quality

### What Is The INTALEQ Project?

INTALEQ is a 20-school initiative in Yemen that is showing strong results in improving high school students' performance in math and science. The innovative public-private partnership program is providing 21<sup>st</sup> century skills to enable the next generation of Yemenis to grow and prosper in the global economy. INTALEQ, which means "step up" or launch in Arabic, uses technology to transform teaching and learning in Yemeni high schools, particularly in math and science. INTALEQ's goal: **Acquisition of 21<sup>st</sup> century skills by Yemeni high school students, so that they are better equipped to find work, live productive lives and contribute to Yemen's development as a stable and prosperous democracy.** INTALEQ is being implemented in Sana'a, Ta'iz, Mukalla and Aden over a 16-month period. The project is: 1) adapting existing, Arabic-language *Intel skool.com* digital math and science materials for Yemen;<sup>1</sup> 2) assisting the Ministry of Education to develop and launch an educational portal to share the new materials; 3) helping teachers and administrators to use those materials and systems to improve classroom instruction and thus help students acquire 21<sup>st</sup> century skills.

### What Is the INTALEQ Project Achieving?

After one semester, students in INTALEQ schools outperformed their counterparts in control schools by over eight points in the project's four target subject areas. The learning gains were statistically significant<sup>2</sup>.

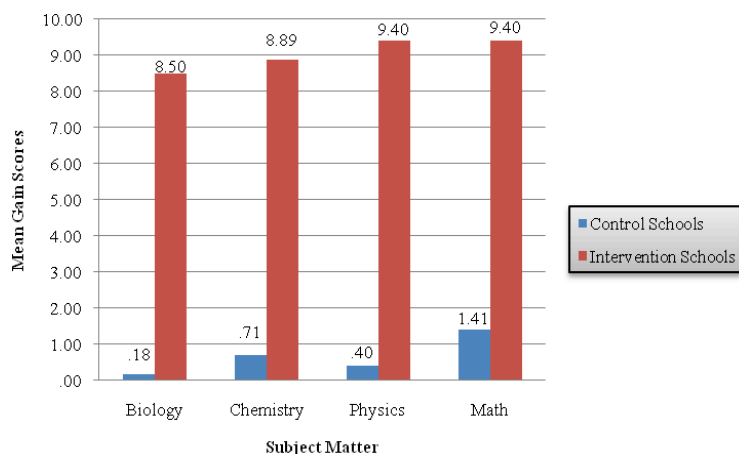
### Why Is INTALEQ Important for Yemen?

Good education that leads to economic growth and prosperity offers Yemeni youth a chance to develop the critical thinking, communication and employability skills that will give them an alternative to the opportunities offered by extremist groups. Assisting the government of Yemen to provide a sound 21<sup>st</sup> century education (see side box) to the next generation of Yemenis serves the interests of both Yemen and the US. INTALEQ Project beneficiaries include high school students, teachers, principals, supervisors and inspectors, as well as the public and private sectors in Yemen. The private sector will benefit from a deeper pool of talented and skilled young people to draw on for employment and the public sector will access models for the improvement of teaching and learning that can be applied to schools and grade levels beyond those targeted by INTALEQ.

### Who are the INTALEQ Partners?

INTALEQ partners are: the *Yemeni Ministry of Education*, the *U.S. Agency for International Development*, the *Haile Saeed Anam Group*, the *Al Awn Foundation*, *Intel*, *Curriki* and *Education Development Center, Inc.*

Funding partners have contributed a combined \$1,442,000 in cash and kind thus far. For further information on INTALEQ, contact Helen N. Boyle, Director of Middle East and North Africa Programs at Education Development Center, Inc. at [hboyle@edc.org](mailto:hboyle@edc.org) or Ameen Al Kaderi, EDC Yemen Office Manager at [aalkaderi@edc.org](mailto:aalkaderi@edc.org) or Susan Ayari, USAID/Yemen at [ayarish@usaid.gov](mailto:ayarish@usaid.gov).



### What are 21<sup>st</sup> Century Skills?

21<sup>st</sup> century skills include:  
Information and communication skills;  
Critical thinking and systems thinking;  
problem; identification, formulation and solution; creativity and intellectual curiosity;  
Interpersonal and self-direction skills like accountability, adaptability; social responsibility and leadership;  
Financial, economic and business literacy;  
entrepreneurial skills to enhance workplace productivity and career options;  
Civic literacy and global awareness.

<sup>1</sup> Intel's skool.com materials for math and science education have won multiple awards and are known for their innovative promotion of the types of critical thinking and problem solving skills described in the box above that are the very essence of 21<sup>st</sup> century skills.

<sup>2</sup> Results have a 95% confidence level and are statistically significant at the 0.01 level.