



The Learning Economy

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The Learning Economy



Role of Educators

“Prepare students for jobs that haven’t been created
...solve problems that may not even yet exist.”

— *former U.S. Education Secretary Richard Riley*

“Give students the *inspiration to bring something extra* to the world.”

— *author Thomas L. Friedman, That Used to Be Us*

**Students will not just take good jobs;
they need to create jobs.**

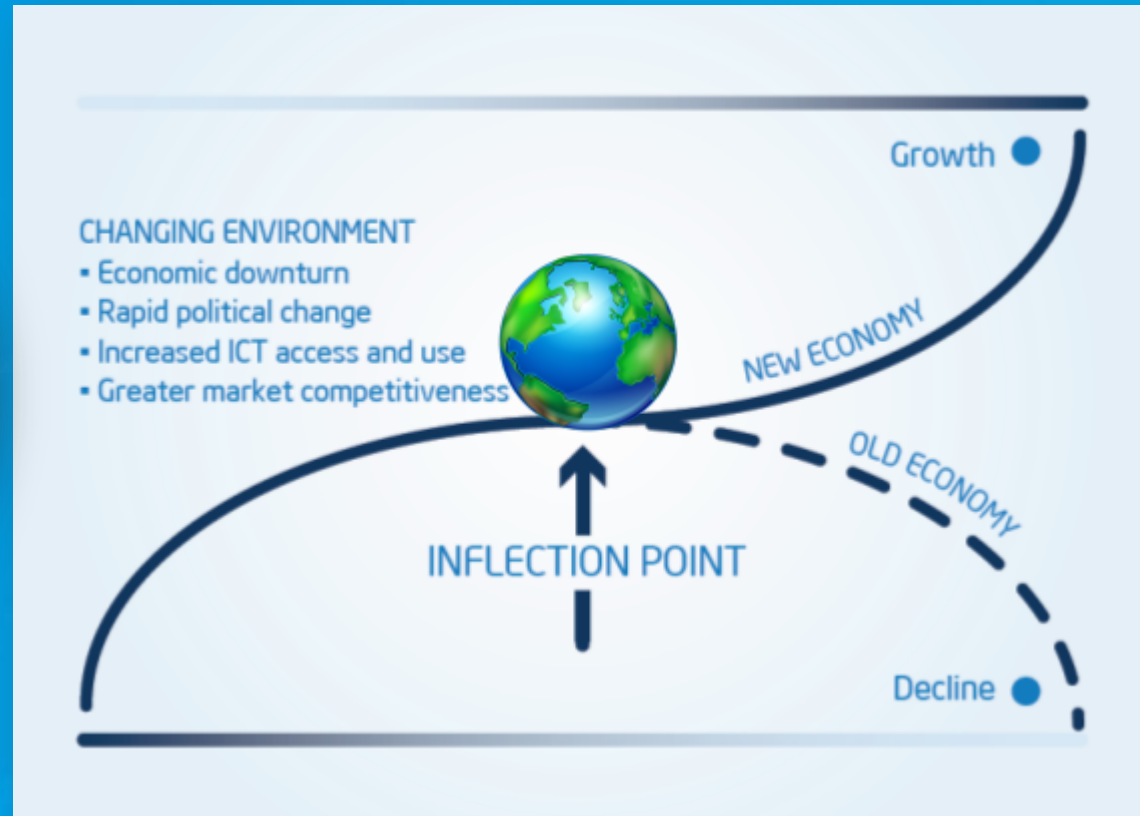
The Learning Economy



Education → Entrepreneurship → Employability

- **Increase Country Competitiveness**
 - enhanced teaching & learning for all
- **Build Required Competencies -- life-long learning**
 - New job skills & re-skilling
- **Boost Economic Development**
 - Grow ICT industry base, jobs & revenue
- **Enhance Citizenship & Social Cohesion**
 - Narrow divide, include rural, sustain locally

The Learning Economy



How we Educate is Key !

Skills for the Innovation Economy:



- Critical thinking
- Collaboration
- Communication
- Problem solving
- Project management
- Technology literacy

Schools must Inspire Innovative thinking

Typical images of Pre-school...



Love of learning
is in all of us...



Play, Passion and Purpose in Learning

Schools have not evolved... They must!



1811

1979

2012



Portugal, Argentina, Singapore, Shanghai, Panama Today!

Our Kids @ Home

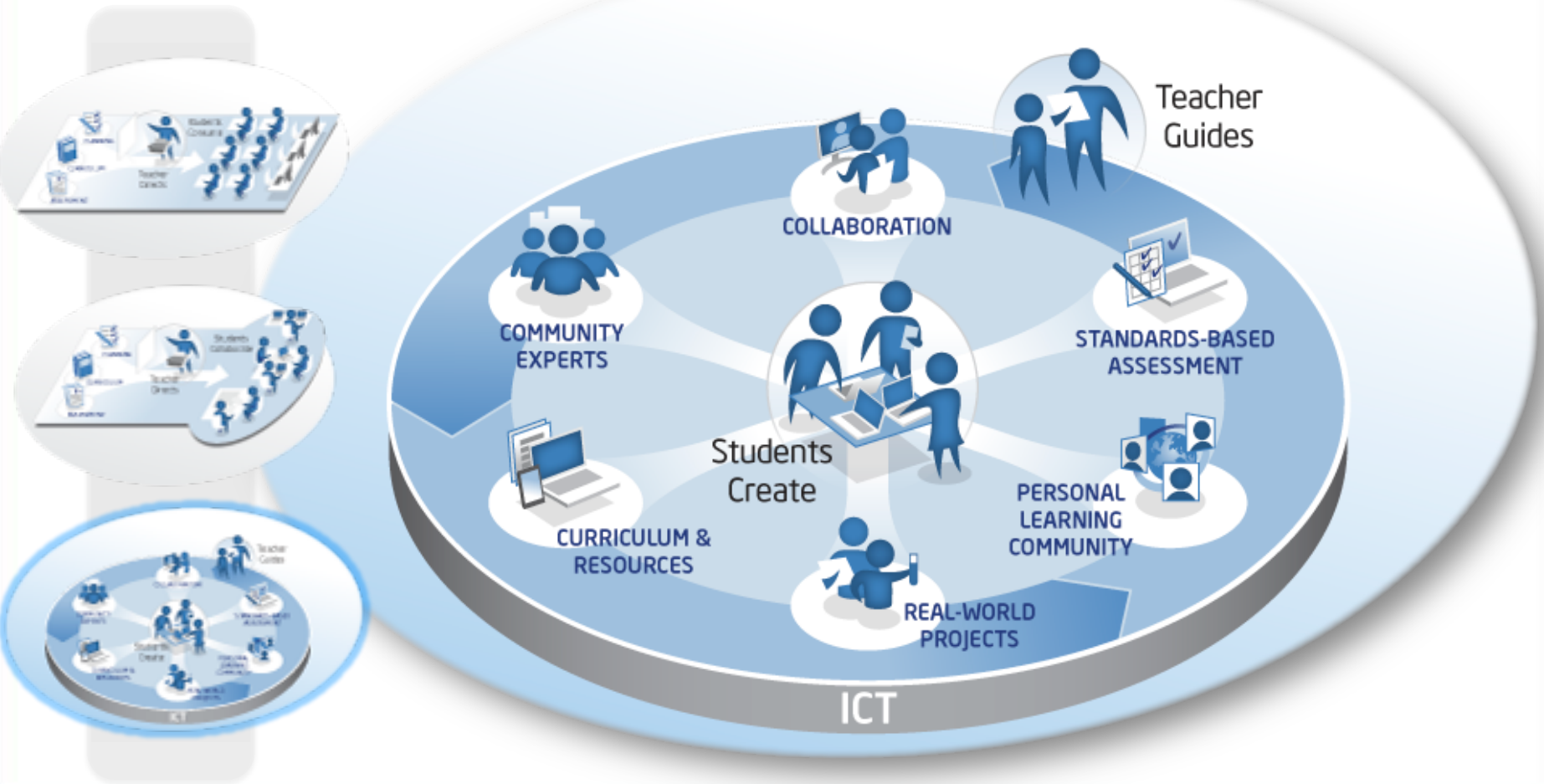


Pervasive Learning Space...



Student-Centered Classroom

Learning anytime, anywhere, any way



Create + Collaborate + Consume



1. Anywhere & Everybody learning

- Mobile Learning
- One to One computing
- One to Many devices

2. Dynamic content

- Personalized Learning
- Teacher & Student Generated Content
- Educational Gaming
- Virtual tutoring

3. Real time calibration enabled by cloud

- Just in time content access
- Real time Assessment
- Manageability and Security
- Education services





Technology can help teachers teach and engage & empower children

Teacher Professional Development is key

Educational Content matters

How we deploy technology for use in school & after-school makes a difference



Transformation Wave... happening Now!



Colorado, USA



Portugal



Bolivia



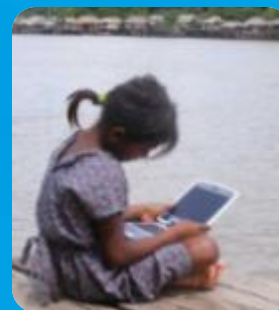
Republic of Georgia



Panama



Argentina



Venezuela

Transformation Wave...

Recent trip to Singapore and PRC





Transformation Wave... happening Now!



Pzalestine 2012



Berlin, June 18, 2012

Intel® Learning Series



- Complete education solution
 - Purpose-built designs, hardware, software, content, IT support, deployment, training
- Based on ethnographic research
 - 2000+ real classrooms, 36 countries
- Localized to meet geographic & cultural needs
- Delivered through the Intel® Learning Series Alliance
- Educational + economic impact
 - Prepares students for knowledge-based society & global economy
 - Builds local learning economies & national competitiveness



Intel® Learning Series Family of Products



Purpose-built Clients

Intel® Studybook



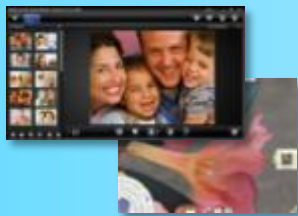
Intel Classmate PC
Convertible



Intel Classmate PC
Clamshell



Software



Classroom
Management



Security



Productivity
Applications

Classroom Server



- Network infrastructure server
- Secure access to Internet
- Centralized storage of software and content



Rural Connectivity Platform

- Enables Internet access where satellite and cable are not an option
- Brings connectivity from cities to outlying rural areas



Economic Impact



PORTUGAL

Magellan:
350 direct jobs,
1500 secondary jobs,
€2.3B in economic activity



BRAZIL



MACEDONIA

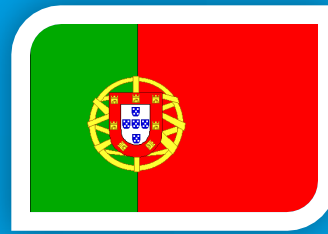


MALAYSIA



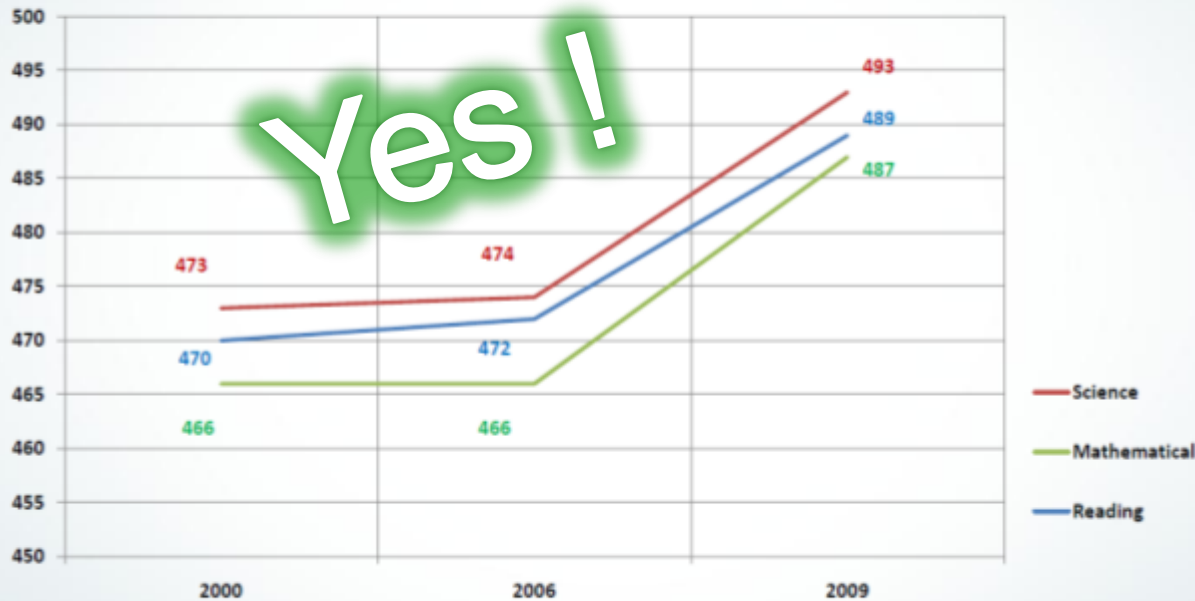
VENEZUELA

Educational Impact?



PISA

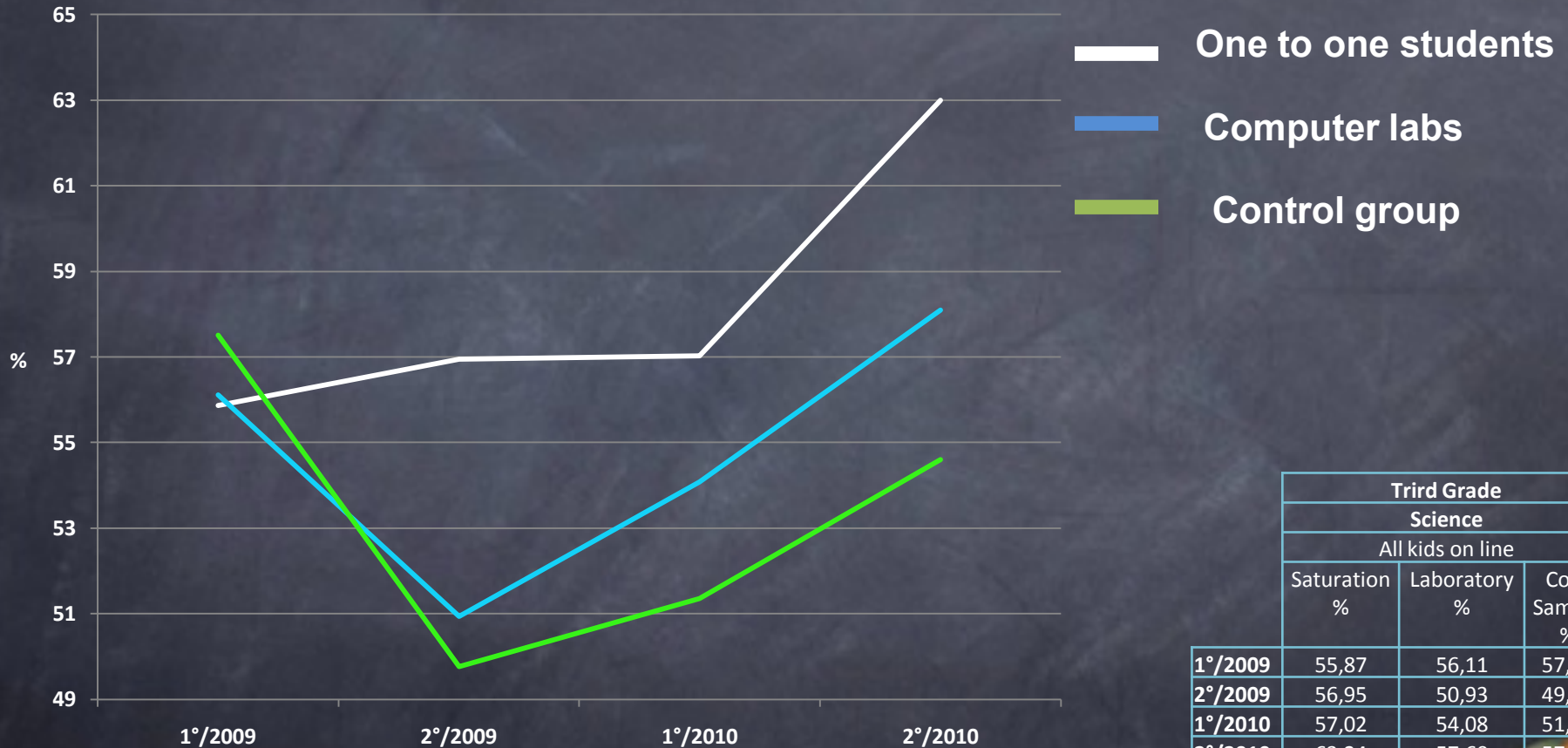
The PISA (Program for International Student Assessment). Portugal was the country of the OECD that presented the best evolution.



A simple idea can change the future of a country

Third grade science

3 yr trend shows improved results for 1:1



Third Grade Science			
All kids on line			
	Saturation %	Laboratory %	Core Sample %
1°/2009	55,87	56,11	57,51
2°/2009	56,95	50,93	49,76
1°/2010	57,02	54,08	51,36
2°/2010	63,24	57,60	57,60

Source: Alicia Bañuelos - San Luis Argentina



Evidence of Impact -- Academics and Researchers

Findings from 4 university and local researchers based on impact studies conducted in regions around the world to understand the successes, challenges, and policy implications of a variety of eLearning programs, and compare them to other programs worldwide.



Economic Development

Job creation,
wage improvement,
local business growth,
infrastructure
development, next-century
workforce preparation,
entrepreneurialism



Education Transformation

1:1 eLearning,
student engagement,
addressing special needs,
teacher satisfaction,
personalized
and comprehensive learning,
universal education,
student retention



Social Inclusion

Digital literacy,
device and broadband
access, knowledge-
society creation

Learning Economy...

Global Lessons



Next Generation of Power Users



Past: Plays & Works



Today: Learns & Collaborates

We must start the journey Now!

Thank You !

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