

February 2011

11th Annual Herzliya Conference, Israel

Online Learning: Leverage for Economic Growth and Alleviating Socio-Economic Polarization

**Bob Wise, President
Alliance for Excellent Education**

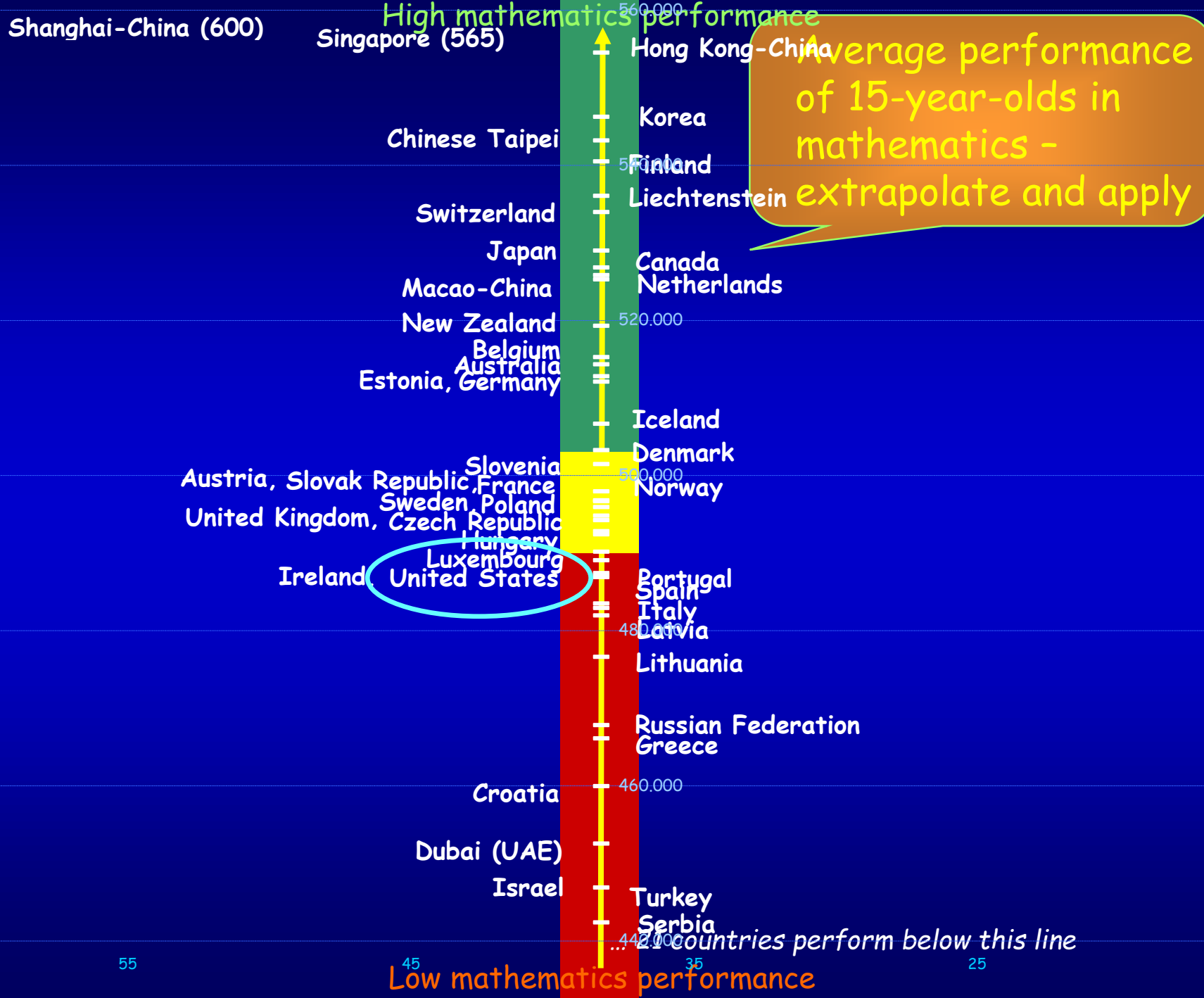
Every Child a Graduate



ALLIANCE FOR
EXCELLENT EDUCATION

**Digital and Online Learning:
Any Time, Any Place, Any
Path, Any PaceTM**





55

45

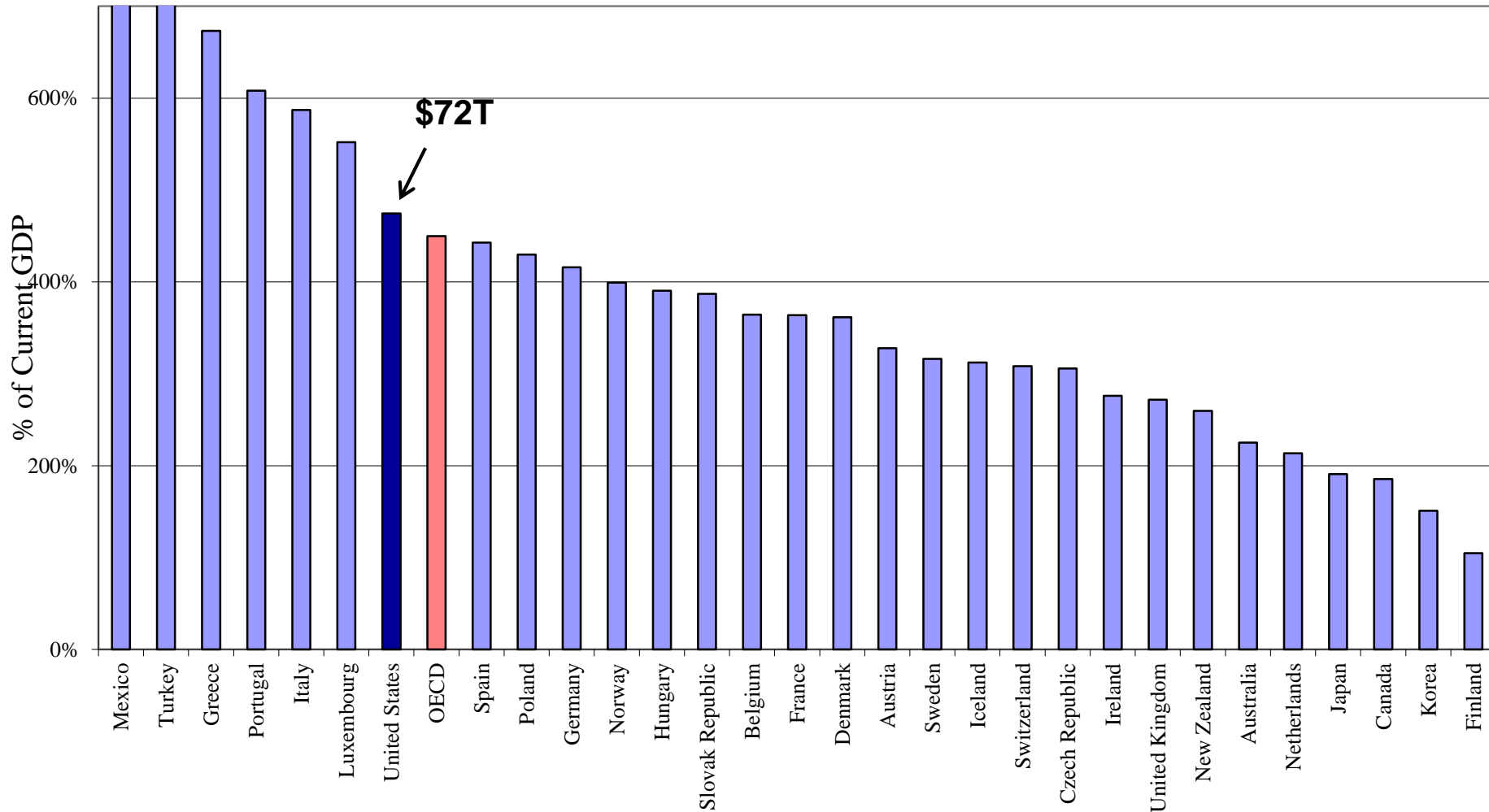
442,000

35

25

... 21 countries perform below this line

Bringing Up the Bottom



Challenges in the U.S. K-12 Education System

Three Looming Crises:

1. Declining State Fiscal Revenues
2. Mounting Teacher Shortages
3. Increased Global Demands for Skilled Workers



...and Finding the Right Teachers



440 high schools

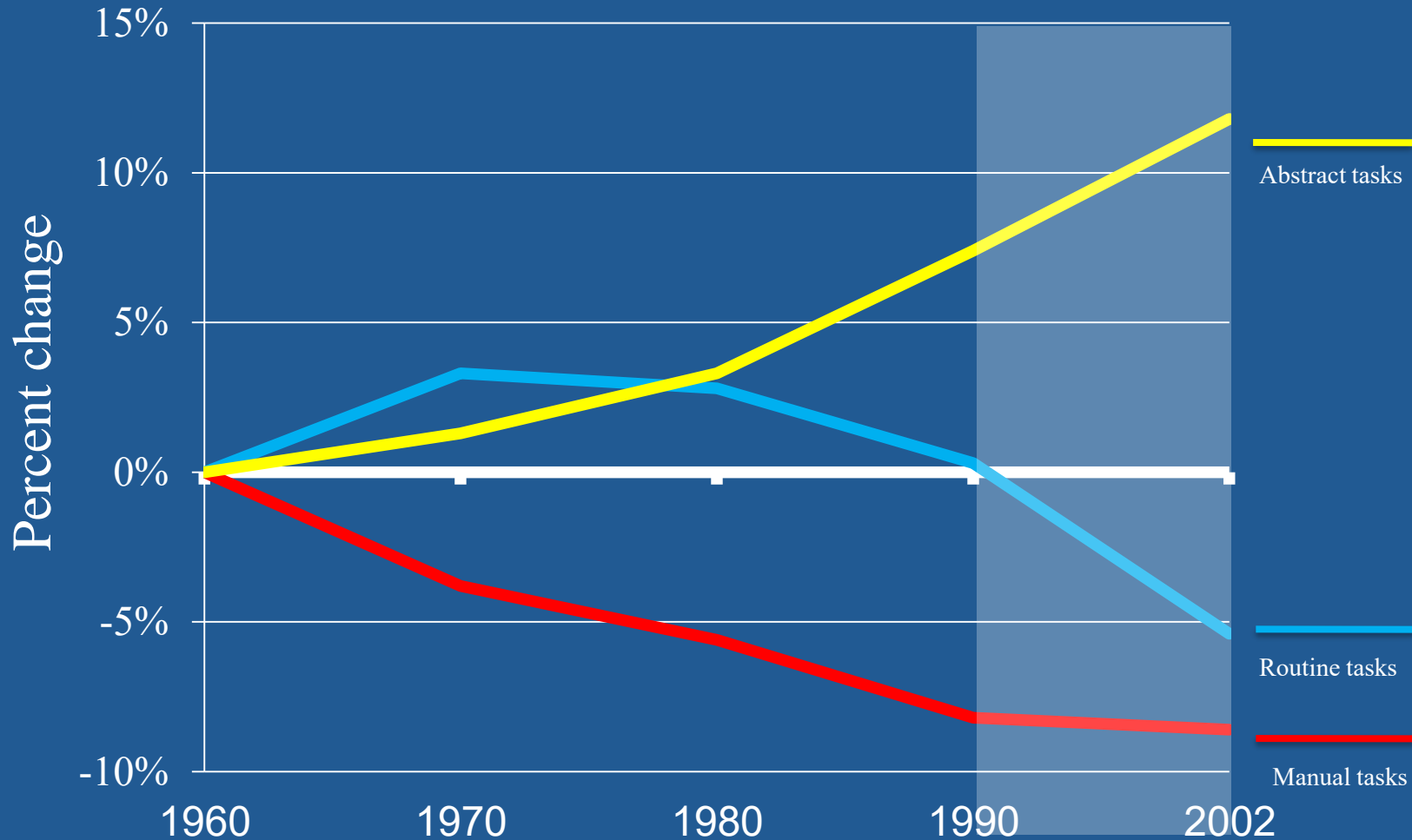


88 qualified
physics teachers



Challenge 3: Increased Global Demands for Skilled Workers...

Tasks carried out by the American workforce 1960-2002

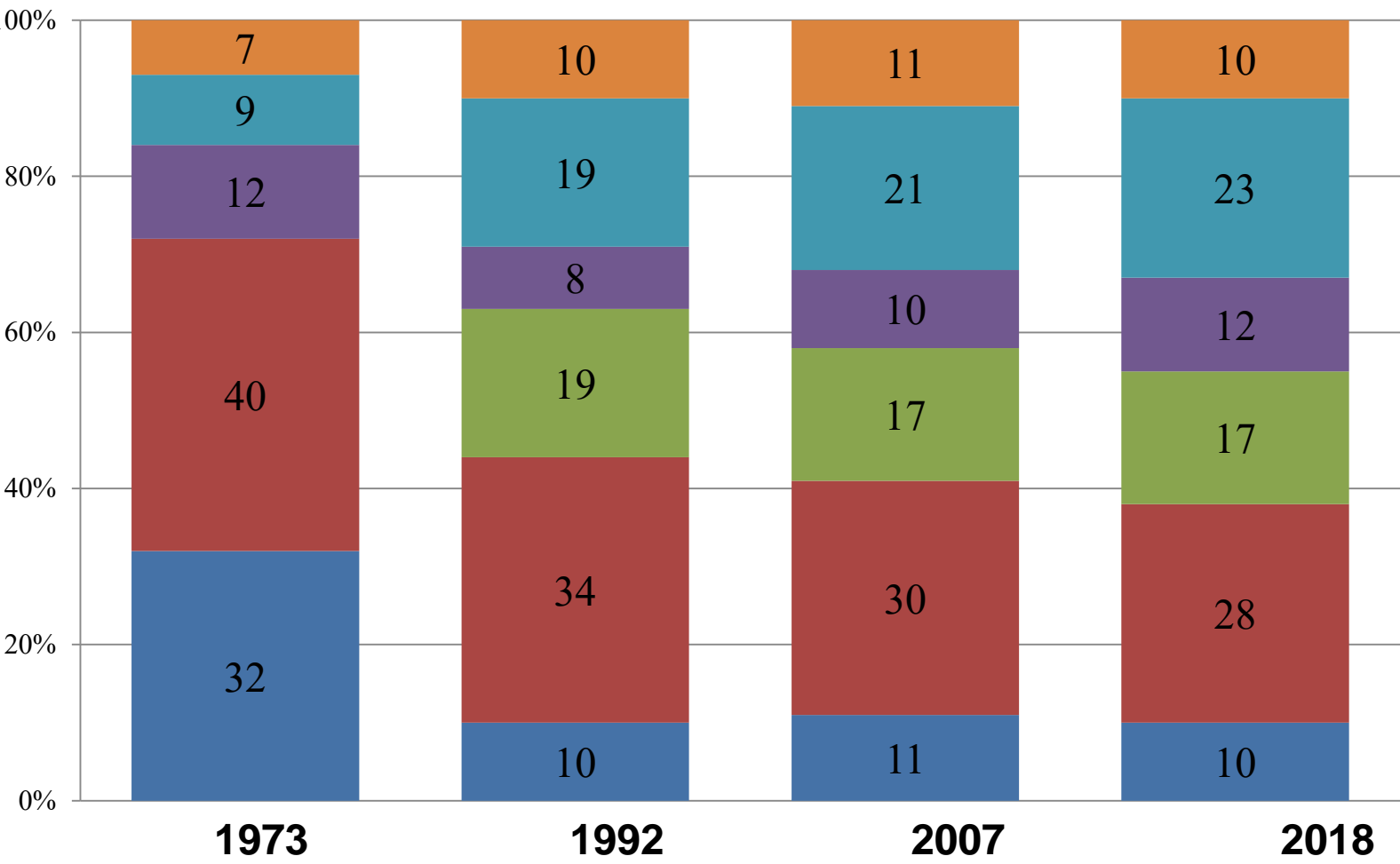


Source: Author, Levy, and Murnane 2003.



There Is Growing Demand For An Increasingly Educated Workforce

Workforce job requirements, by education level



- Graduate degree**
- Bachelor's degree**
- Associate's degree**
- Some college**
- HS diploma**
- HS dropouts**



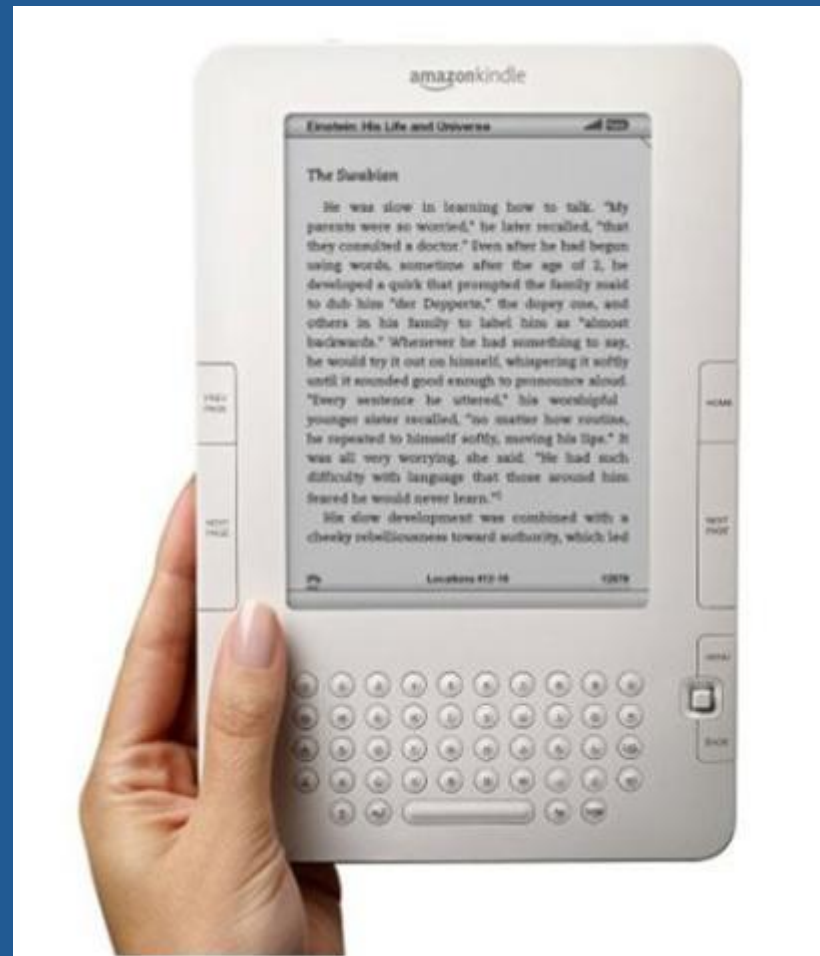
At one time these were cutting edge:



We need to go from this:



To this:



10 Elements of High Quality Digital Learning



DIGITAL LEARNING NOW!

1. Student Eligibility

All students are digital learners.



2. Student Access

All students have access to high quality digital content and online courses.



3. Personalized Learning

All students can customize their education using digital content through an approved provider.



4. Advancement

Students progress based on demonstrated competency.



5. Content

Digital content, instructional materials, and online and blended learning courses are high quality.



6. Instruction

Digital instruction and online teachers are high quality.



7. Providers

All students have access to multiple high quality providers.



8. Assessment and Accountability

Student learning is the metric for evaluating the quality of content and instruction.



9. Funding

Funding creates incentives for performance, options and innovation.



10. Delivery

Infrastructure supports digital learning.



The Challenge for the Nation



Three out of every ten students do not graduate from high school.

About half of those who graduate are not college- and work-ready.



The Choice:

Be boldly innovative

Or badly irrelevant

