

The Forum for America's Ideas

No Time to Lose

◆ How to Build a World-Class Education System State by State

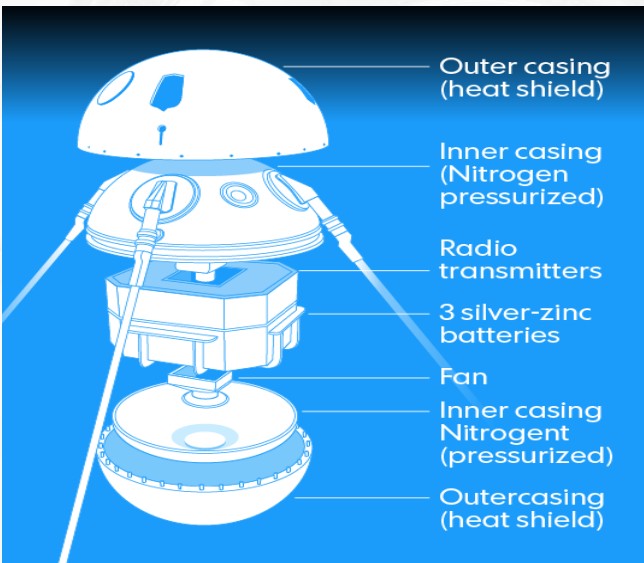


SENATOR JOYCE ELLIOTT


November 20, 2017



NATIONAL CONFERENCE of STATE LEGISLATURES



- Outer casing (heat shield)
- Inner casing (Nitrogen pressurized)
- Radio transmitters
- 3 silver-zinc batteries
- Fan
- Inner casing Nitrogen (pressurized)
- Outercasing (heat shield)



NATIONAL CONFERENCE of STATE LEGISLATURES



NATIONAL CONFERENCE of STATE LEGISLATURES

About NCSL

- Instrumentality of all 50 state and territorial legislatures
- Bipartisan
- Provides research, technical assistance and opportunities to exchange ideas
- Advocates on behalf of legislatures before the federal government

NCSL is committed to the success of state legislators and staff. Founded in 1975, we are a respected bipartisan organization providing states support, ideas, connections and a strong voice on Capitol Hill.



NATIONAL CONFERENCE of STATE LEGISLATURES

International Education Study Group

- Phase I: 22 legislators and 6 legislative staff
- Studied the 10 top performing countries/provinces:
 - (Alberta, Ontario, Estonia, Finland, Hong Kong, Japan, Poland, Shanghai, Singapore, Taiwan)
- Studied with 25 international/state education experts



NATIONAL CONFERENCE of STATE LEGISLATURES

NCSL Legislative Study Group Findings: Good and Bad News

- **Bad news:** Most state education systems are falling dangerously behind the world in a number of international comparisons and on our own National Assessment of Educational Progress, leaving the United States overwhelmingly underprepared to succeed in the 21st century economy.
- **Good news:** The good news is, by studying these other high-performing systems, we are discovering what seems to work. If we get to work right away, we can quickly turn this around as high-performing countries have.



NATIONAL CONFERENCE of STATE LEGISLATURES

International Surveys Sound Alarms

U.S. RANKING ON PISA

The Programme for International Student Assessment (PISA) is a comparative study of 15-year-old students' knowledge in key areas including math, reading and science.

YEAR (COUNTRIES TESTED)	U.S. RANKING		
	READING	MATH	SCIENCE
2000 (32)	15th	19th	14th
2003 (41)	18th	28th	22nd
2006 (57)	NR	34th	28th
2009 (65)	17th	30th	22nd
2012 (65)	24th	36th	28th
2015 (72)	23rd	39th	25th

SOURCE: NATIONAL CENTER ON EDUCATION AND THE ECONOMY, CENTER ON INTERNATIONAL EDUCATION BENCHMARKING, 2017

- 2015 Results: Improved 1 spot in reading, 3 spots in science, and math dropped by 3. **Bad News:** The raw scores actually held steady.
- ETS analysis finds U.S. Millennial generation workers ranked last in 2013 OECD PIAAC survey of worker numeracy, literacy and problem solving in 33 countries

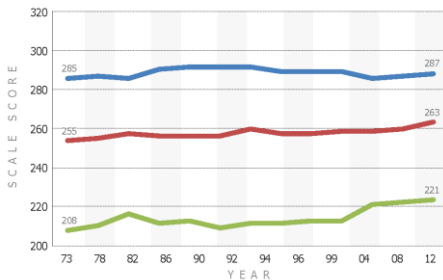


NATIONAL CONFERENCE of STATE LEGISLATURES

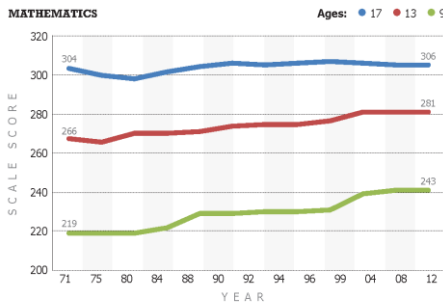
LONG-TERM NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS (NAEP) SCORES

Over the past four decades, high school students in the U.S. have made little progress according to the "Nation's Report Card," administered by the NAEP.

READING



MATHEMATICS



NCSL Graphic | Source: National Center for Education Statistics (2012). Trends in Academic Progress

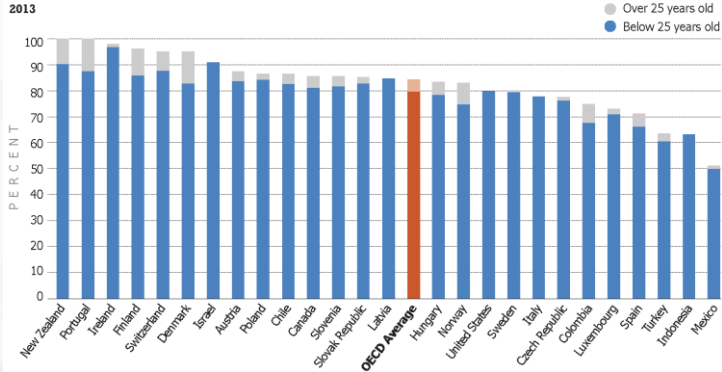
Our Own NAEP Sounds Alarms: Little to No Progress

CONFERENCE of STATE LEGISLATURES

Myth: U.S. Cannot be Fairly Compared to World Class Education Systems

UPPER SECONDARY GRADUATION RATES, 2013

The OECD reports that the U.S. graduation rate is 80 percent, lower than most other high-performing countries. This dispels the assertion that other high-performing countries educate only their elite.



NCSL Graphic | Source: OECD (2015), Education at a Glance 2015: OECD Indicators, OECD Publishing. http://dx.doi.org/10.1787/eag-2015-en_p_48

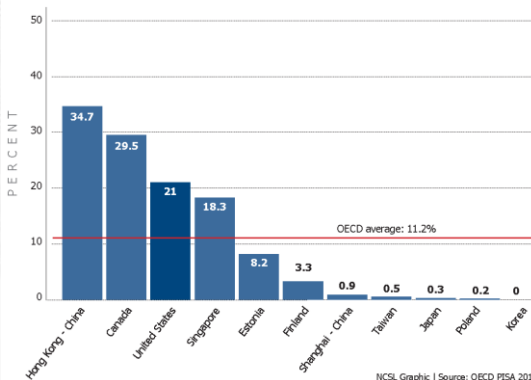


NATIONAL CONFERENCE of STATE LEGISLATURES

Myth: U.S. Cannot be Fairly Compared to World Class Education Systems

PERCENT OF STUDENTS WHO ARE IMMIGRANTS

Europe and Asia have experienced an upsurge in immigration over the past several decades, and Asian countries have significant cultural, linguistic, ethnic and religious diversity.



NCSL Graphic | Source: OECD PISA 2012



NATIONAL CONFERENCE of STATE LEGISLATURES

Common Element #1:

Children come to school ready to learn, and extra support is given to struggling students so that all have the opportunity to achieve high standards.



NATIONAL CONFERENCE of STATE LEGISLATURES

Common Element #2:

A world-class teaching profession supports a world-class instructional system, where every student has access to highly-effective teachers and is expected to succeed.



NATIONAL CONFERENCE of STATE LEGISLATURES

Common Element #3:

A highly-effective, intellectually rigorous system of career and technical education is available to those preferring an applied education.



NATIONAL CONFERENCE of STATE LEGISLATURES

Common Element #4:

Individual reforms are connected and aligned as parts of a clearly planned and carefully designed comprehensive system.



NATIONAL CONFERENCE of STATE LEGISLATURES

Action Steps for States (not U.S.)

- ✓ Build an Inclusive Team and Set Priorities.
- ✓ Study and Learn from Top Performers.
- ✓ Create a Shared Statewide Vision.
- ✓ Benchmark Policies.
- ✓ Get Started on One Piece.
- ✓ Work Through “Messiness.”
- ✓ Invest the Time.



NATIONAL CONFERENCE of STATE LEGISLATURES

Urgent Call to Action: Begin Now, No Time to Lose!

“As state policymakers, it is our responsibility to provide our citizens with a world-class education. We cannot let another generation settle for anything less. Our future workforce, national defense, economic vitality and democratic foundation depend on our ability and willingness to get this done.

If we assemble the best minds in policy and practice, implement what we know works, and commit ourselves to the time, effort and resources needed to make monumental changes, we can once again be among the best education systems in the world. If they can do it, so can we. But there’s no time to lose.”



NATIONAL CONFERENCE of STATE LEGISLATURES

**Senator Joyce Elliott
Arkansas State Senator
District 31**



www.ncsl.org



NATIONAL CONFERENCE *of* STATE LEGISLATURES