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THE ECONOMICS OF FEDERAL EDUCATION POLICY REFORM

Gregory F. Rehmké
EconomicThinking.org

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Choose "Education" for K-12 presentations.
Free with code: UIL2017

FACULTY
Greg Rehmké is program director of Economic Thinking and a member of the Mackinnon Center Board of Scholars. He has more than 30 years of experience in leading high school debate programs and workshops.

Welcome to the Economic Thinking Online 2017-2018 ...
Federal K12 Education Reform

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For over twenty years Greg Rehmké has been a speaker at numerous state, regional, and national conferences, presented economic commentary at the Kansas State Fair, Democratic Debates, and given topic presentations at debate camps on the continent of debate topics, including National Center Debate Workshops.

Federal government funding and regulation of education have increased significantly over the last fifty years. Federal aid supports for elementary secondary and vocational education increased from \$4.5 billion in 1965 to \$40.3 billion in 2016 (in constant 2016 dollars).

Other Federal K12 funding comes from the Dept. of Agriculture budget: \$22 billion in 2016 for school lunches and related programs.

The 2017-18 NSDGA resolution calls for increasing federal funding and/or regulation of elementary and/or secondary education in the United States.

The Trump administration supports charter schools and school choice, but so did the Obama and Bush Administrations. Public charter schools operate within school districts but have additional flexibility to offer targeted or specialized programs for students. Private charter schools, active in some states, receive state funding through vouchers. Efforts to expand charter schools are controversial, as critics see them as draining funds, reducing energy and high-achieving students from existing public schools.

Another area of controversy are national testing and curriculum mandates by the federal government, from No Child Left Behind to the Bush Administration to Common Core in the Obama Administration.

A wide range of debate courses, from Khan Academy and other providers have "flipped" some subjects with course content watched outside of class ahead of discussion and "homework" with teachers in school.

Economic Thinking Online presentations present key economic principles relevant to the resolution and reform proposals. Outline other links to relevant education reform videos, articles, studies and websites.

For Economic Thinking Online workshops, see www.economicthinking.org. Part of the Federal K12 offers ET workshop is available now (for states or for presentations). Additional presentations will be available as and requested.

Additional education articles available at EconomicThinking.org. For authors or more information contact Greg Rehmké: grhmk@econ.com

Economic Thinking Online Workshops
Gregory Rehmké creates programs for Economic Thinking and has written and spoken widely on the economics of national debate topics. Over five thousand high school students have completed Economic Thinking Workshops.

The Economics of Increasing Federal Education Funding and/or Regulation

Policy Debate – 2017-2018 Topic

Resolved: The United States federal government should substantially increase its funding and/or regulation of elementary and/or secondary education in the United States.

Policy Debate – 2017-2018 Topic

Resolved: The United States federal government should substantially increase its funding and/or regulation of elementary and/or secondary education in the United States.

►► United States students do not rank well compared to their peers from other countries. Achievement gaps also exist between children from different ethnic groups and between affluent and low-income students. Are the schools at fault, or are other issues to blame? What changes in funding, regulations, standards, or support for our schools will bring better results? Do we need more teachers, higher teacher pay, uniform teacher standards, and/or smaller class sizes? Will more money for technology improve teaching? Do we need more flexibility to employ and develop different types of schools? Do we need more flexibility within our public schools? What will bring up graduation rates and help United States students compete internationally? How can we prepare and train the future United States workforce? This resolution will provide a balanced field to discuss these important education issues. The affirmative teams will have the ability to critically examine everything from charter schools to online programs to for-profit schools. There is flexibility to argue for or against K-12 in traditional schools versus more specialized schools. Each area of the country has substantially different standards and rules. This topic allows students to examine those differences and how the federal government can improve education across the board. Negative ground includes arguments from traditional policy options such as federalism, States CP, other agent counterplans, solvency deficits as to whether the affirmative is affecting a large enough scope to solve, spending DAs, politics scenarios, etc. Critical literature is also applicable to the wide variety of presumptions within our government and education systems.

<https://www.speechanddebate.org/wp-content/uploads/2017-2018-Policy-Debate-Topic-Synopsis.pdf>

* "Achievement gaps also exist between children from different ethnic groups and between affluent and low-income students." ...

* "Do we need more teachers, higher teacher pay, uniform teacher standards, and/or smaller class sizes?" ...

* "How can we prepare and train the future United States workforce?" ...

* "The affirmative teams will have the ability to critically examine everything from charter schools to online programs to for-profit schools."

<https://www.speechanddebate.org/wp-content/uploads/2017-2018-Policy-Debate-Topic-Synopsis.pdf>

Policy Debate – 2017-2018 Topic

Resolved: The United States federal government should substantially increase its funding and/or regulation of elementary and/or secondary education in the United States.

Are Smaller Schools Better Schools?

SHARE ARTICLE | *Reforming public education may be as simple as creating smaller schools. The results of two recent studies indicate that small schools may be the remedy for lots of what is wrong with public education. Small schools can reduce the negative effects of poverty, reduce violence, and increase parent involvement and student accountability.*

education world

“uniform teacher standards, and/or smaller class sizes”

How about smaller schools?

The separate studies credit small schools with reducing the negative effects of poverty on student achievement, reducing student violence, increasing parent involvement, and making students feel accountable for their behavior and grades.

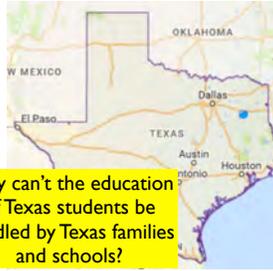
Small Schools: The Myths, Reality, and Potential of Small Schools
By STUART GRAUER and CHRISTINA RYAN

<https://medium.com/communityworksjournal/small-schools-the-myths-reality-and-potential-of-small-schools-76a566c42f6e>

http://www.educationworld.com/a_issues/issues108.shtml

"The affirmative teams will have the ability to critically examine everything from charter schools to online programs to for-profit schools."

- 🎓 **charter schools**
- 🎓 **online programs**
- 🎓 **for-profit schools**



Why can't the education of Texas students be handled by Texas families and schools?

Texas population: 28 million
Texas public school students: 5,359,127

History and Economics of Federal Education Funding and Regulations

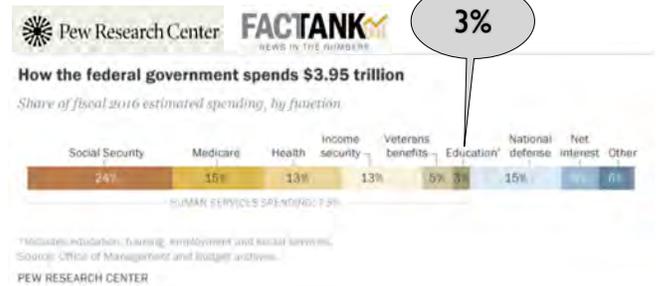
- * Federal elementary and secondary education funding now.
- * What education programs receive the most federal funding?
- * How have these programs changed over time? What reforms are proposed?
- * What education programs would benefit from increased federal funding or regulation?
- * What are the downsides of current and increased federal K-12 education funding?

Federal Education Funding: An Overview

- 🎓 How much does the Federal government spend on education each year?
- 🎓 What are the major categories of spending? How much is spent on K-12 education?
- 🎓 How have federal programs, policies, and funding influenced K-12 education?
- 🎓 What reforms could stretch federal dollars and improve educational outcomes?

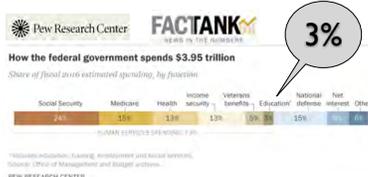
Federal Education Policy: An Overview

- 🎓 How much does the Federal government spend on education each year?



Federal Education Policy: An Overview

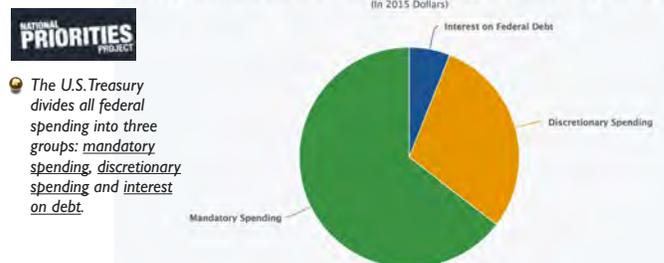
- 🎓 How much does the Federal government spend on education each year?



Education aid and related social services were about \$114 billion, or less than 3% of all federal spending.

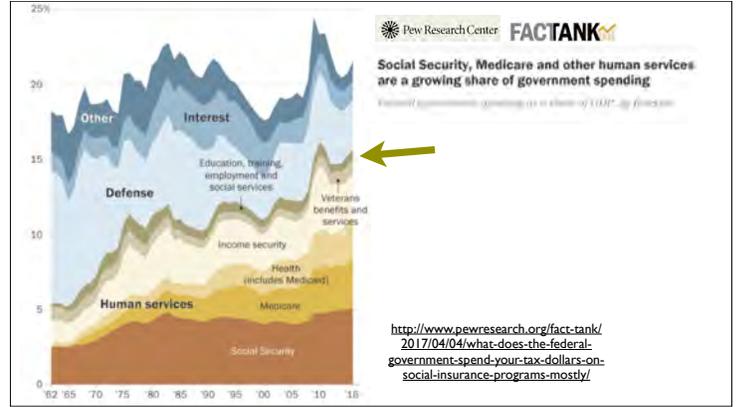
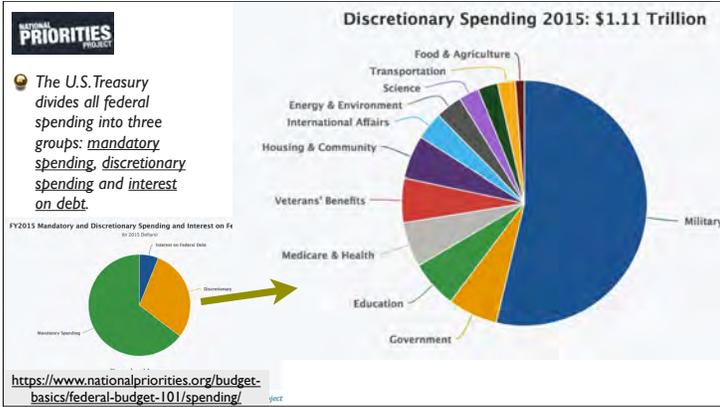
- 🎓 But, \$3.95 trillion is total spending not total discretionary spending...
- 🎓 The U.S. Treasury divides all federal spending into three groups: **mandatory spending, discretionary spending and interest on debt.**

FY2015 Mandatory and Discretionary Spending and Interest on Federal Debt



<https://www.nationalpriorities.org/budget-basics/federal-budget-101/spending/>

Source: OMB, National Priorities Project



Federal Education Policy: An Overview

- How much does the Federal government spend on **K-12** education each year?
- Since 2002, federal funding for education has increased by 36%, from **\$50 billion to \$68 billion**
- It peaked in 2009 at \$97 [b]illion...
- Title I Funding increase[d] since 2002... from \$10.4 billion to **\$14.9 billion**...
- Special education [at] **\$11.9 billion** – an increase of nearly 60% since 2002.

Federal Education Funding: Where Does the Money Go?

ESEA Title I Grants to Local Educational Agencies

Federal Education Policy: An Overview

- Pell Grants: \$22 Billion (higher ed)**
- ESEA Title I Grants: \$14.9 billion**
- Special Education: \$11.9 billion**

Pell Grants - Discretionary Appropriation

ESEA Title I Grants to Local Educational Agencies

Major Federal Program	Change	Change over 2015-16 school year
Title I	+3.4%	\$500M increase. Now funded at \$14.9 billion
Title II	Level	Funded at \$2.3 billion
Title III	Level	Funded at \$737 million
Striving Readers	+18.7%	Increase of \$30M. Now \$190M
School Improvement Grant	-11%	Cut \$55M. Now \$450 million
Special Education (IDEA)	+3.6%	\$415M increase. Now funded at \$11.9 billion
Investing in Innovation	Level	Funded at \$120 million
Charter Schools Grant	+31.6%	\$80M increase. Now funded at \$333 million
Head Start	+6%	\$570M increase. Now funded at \$9.1 billion
Career and Tech - Perkins	Level	Funded at \$1.1 billion
21st Century CLC	+1.3%	Increase of \$15M. Now \$1.1 billion
Preschool Development Grant	Level	Funded at \$250 million

Pearson

FY 2016 Federal Education Budget Increases by 2%

<http://www.pearsoned.com/education-blog/2016-federal-education-budget-increases/>

- Title I: \$14.9 billion
- Special Education (IDEA): \$11.9 billion
- Head Start: \$9.1 bil.
- Title II: \$2.3 billion

Notes on Economics and Federal Education Funding and Regulation

Policy Debate – 2017-2018 Topic

Resolved: The United States federal government should substantially increase its funding and/or regulation of elementary and/or secondary education in the United States.

- Economics can provide a set of tools to better understand public policy. Sometimes called the *Economic Way of Thinking*.
- All economies have *incentive problems and information problems*.
- For education policy reform: what are incentives for students, teachers, parents and administrators?
- For education policy reform: who has the information on best reform programs?

We don't know a lot about best education reforms...

Managing a school or a classroom is a challenge.

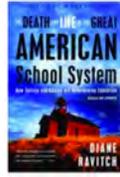
Successful teachers are likely to know the most.

What reforms would best locate & learn from successful schools & classrooms?

Federal K-12 Education Reforms

- Debates over expanding school choice and state funding for new charter schools is in the news.
- But looking back to 2000, major debates on U.S. education...
- “Broken Promises: What the Federal Government Can Do To Improve American Education.” (Brookings Institution, March 1, 2000)
- Expanded education bureaucracy at local, state, and federal levels.

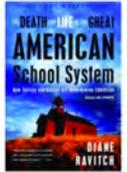
Federal programs typically travel first to the 50 state departments of education, which send them to local school districts, then to administrators at school sites, and finally, perhaps, to classroom teachers. At each stop, money is drained off to support a bureaucracy.



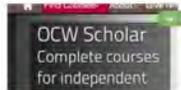
<http://economicthinking.org/2017/08/23/what-the-federal-government-can-do-to-improve-u-s-education/>

Federal K-12 Reforms, continued

- The public's desire to improve public schools...does not justify expanding the federal government's role in education.
- ...most evaluations of the major federal categorical programs suggest that they are failing to make a dent in the problems they were designed to solve. ...
- Congress has been...unwilling to overhaul or discontinue any education program, regardless of its lack of effectiveness.
- Every federal program can mobilize a devoted constituency on its behalf, and even the smallest programs have kept their federal funds flowing.



<http://economicthinking.org/2017/08/23/what-the-federal-government-can-do-to-improve-u-s-education/>

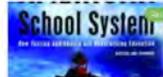


EDUCATION POLICY | 11/11/11
Where Do Federal Education Dollars Go?

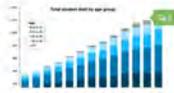
EDUCATION POLICY | 11/11/11
Special Education: "90% have no cognitive impairment"?



<http://economicthinking.org/category/federal-education-policy/>



EDUCATION POLICY | 11/11/11
What the Federal Government Can Do To Improve U.S. Education



EDUCATION POLICY | 11/11/11
Federal Higher Ed. Debt: Almost \$1.5 Trillion

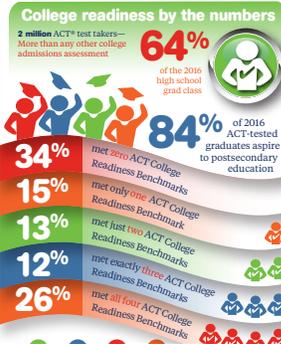


EDUCATION POLICY | 11/11/11
Informal K-12 and Higher Education: U.S. and Developing World



EDUCATION POLICY | 11/11/11
ENGAGEMENT & POLICY REFORM | 11/11/11
Poverty to Prosperity through Education and Entrepreneurship

The Condition of College and Career Readiness 2016



Second Presentation

THE ECONOMICS OF FEDERAL EDUCATION POLICY REFORM

The Informal Education Revolution

Gregory F. Rehmké
EconomicThinking.org

ANNOUNCING THE MACKINAC CENTER
HIGH SCHOOL DEBATE
WEB RESOURCE CENTER
MACKINAC.ORG/DEBATE



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Education Innovation from Around the World and Relevance for U.S. Reforms



Policy Debate – 2017-2018 Topic
Resolved: The United States federal government should substantially increase its funding and/or regulation of elementary and/or secondary education in the United States.



- * Hundreds of thousands of kids drop out of public high school every year.
- * Of those who do graduate from high school, almost a third are “not prepared academically for first-year college courses,” according to a 2013 report from the testing service ACT.
- * The World Economic Forum ranks the US just 49th out of 148 developed and developing nations in quality of math and science instruction.
- * “The fundamental basis of the system is fatally flawed,” ...



<https://www.wired.com/2013/10/free-thinkers/>

Sugata Mitra’s famous 1999 Hole in the Wall Experiment

- * In the late 1990s and during the 2000s, Mitra experimented with giving children access to computers in India.
- * Without saying anything to them, the children learned a variety of surprising things—from how DNA replicates to English.



https://www.ted.com/talks/sugata_mitra_the_child_driven_education

Sugata Mitra’s Next Two TED Talks

https://www.ted.com/talks/sugata_mitra_shows_how_kids_teach_themselves



https://www.ted.com/talks/sugata_mitra_build_a_school_in_the_cloud



The Innovation Education Revolution

- * “JOSÉ URBINA LÓPEZ Primary School sits next to a dump just across the US border in Mexico...”
- * Teacher Sergio Juárez Correa discovers TED video featuring an education experiment in India.
- * Then he discovers one of his students, 12-year-old Paloma Noyola Bueno...



<https://www.wired.com/2013/10/free-thinkers/>

Sugata Mitra: Challenging Traditional Education with Technology

- * If you allow the educational process to self-organize, then learning emerges. It's not about making it happen. It's about letting it happen.
- * The School in the Cloud is like a sixth sense. It's a combination of a human and tech, a composite entity.
- * This kind of learning will drive classrooms and education as we know it into museums.



<http://blog.lenovo.com/en/blog/challenging-traditional-education-with-technology>

Five Finalists Global Learning XPrize

- * ...challenges innovators around the world to create scalable solutions that will enable children to teach themselves basic reading, writing and arithmetic within 15 months.
- * The five finalist teams will begin field testing their education technology solutions this November in Tanzania.



Online Learning: Top 5 Federal Policy Issues

- * Base accountability on individual student growth models to support student-centered, competency-based learning.
- * Support performance-based systems of assessments.
- * Support federal research for high-quality online learning.
- * Support human capital development through redesigned pre-service/in-service training for online and blended learning.
- * Ensure reliable and ubiquitous student access to the Internet and quality learning materials.



<https://www.inacol.org/resource/online-learning-top-5-federal-policy-issues/>

Entrepreneurs, Enterprises, & Education in the Developing World (and Inner Cities)

- * James Tooley's research in India and Africa for book, *The Beautiful Tree*.
- * Informal schools vs. state regulators in the developing world.
- * Informal education across the U.S.: Unschooling, homeschooling, and more "outside-the-box" experiences.



<http://economicthinking.org/2017/08/24/informal-k-12-and-higher-education-u-s-and-developing-world/>

Third Presentation **THE ECONOMICS OF FEDERAL EDUCATION POLICY REFORM**

Magnets, Charters, Vouchers, Tax Credits, and the School Choice Debate

Gregory F. Rehmke
EconomicThinking.org

ANNOUNCING THE MACKINAC CENTER HIGH SCHOOL DEBATE WEB RESOURCE CENTER
MACKINAC.ORG/DEBATE

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Education Entrepreneurs

- Last segment discussed and schools for poor families in Mexico & around the world
- In Mexico (Wired's "The Next Steve Jobs") featured innovative teacher in public school.
- Sugata Mitra researched poor students with no school, just access to computers and Internet.
- James Tooley (*The Beautiful Tree*) researched schools for the poor in India and Africa.
- Other examples include Jamie Escalante of Garfield H.S. in East Los Angeles, played by in the movie *Stand and Deliver* by Edward James Olmos.

BASED ON AN INCREDIBLE TRUE STORY

HOW 4 MEXICAN IMMIGRANT KIDS AND THEIR CHEAP ROBOT BEAT MIT

Look Inside! **SPARE PARTS**

OSCAR LOPEZ, CURTIS PINAVEGA, AND TOMMY

WE BUILT THE COOL ROBOT THAT BEAT MIT

Spore Parts: Four Undocumented Teenagers, One Ugly Robot, and the Battle for the American Dream Paperback
—December 2, 2014
By John H. Johnson — Foreword
★★★★☆ — 2015 Caldecott Medal

<https://www.wired.com/2014/12/4-mexican-immigrant-kids-cheap-robot-beat-mit/>

Finding and Sharing Best Practices

- Long debate over school choice. Should students have the right to attend other than state-assigned schools? (including religious schools and homeschooling?)
- Current debate on expanding funding for Charter Schools.
- Wealthy families have a choice of schools. They can pull their children from public school to attend religious or private schools.
- Economist Milton Friedman proposed vouchers: state funding paying for students to attend private schools.
- Andrew Coulson advocated Tuition Tax Credits (tuition at private schools refunded by reduced state taxes)
- The oldest school voucher program was created in Milwaukee in 1990 with a singular focus on African-American students living in poverty.

The Washington Post
Democracy Dies in Darkness

New charter schools debate: Are they widening racial divides in public education?
By Henry Rotman

EDUCATION WEEK
PDK® Phi Delta Kappa *Advocate/Editor*

A Critical Look at the Charter School Debate
By Margaret S. Neuman, Phi Delta Kappa

The British philosopher John Stuart Mill remarked, "In all intellectual debates, both sides tend to be correct in what they affirm and wrong in what they deny." Nowhere in the swirling arguments about improving K-12 education in the United States is his notion truer than when applied to charter schools. Maligned

New charter schools debate: Are they widening racial divides in public education?
By Henry Rotman

<https://www.washingtonpost.com/local/education/new-charter-schools-debate-are-they-widening-racial-divides-in-public-education/>

The Washington Post
What the public isn't told about high-performing charter schools in Arizona

<https://www.washingtonpost.com/news/answer-sheet/wp/2017/03/30/what-the-public-doesnt-know-about-high-performing-charter-schools-in-arizona/>

nprEd Lessons On Race And Vouchers From Milwaukee
By Margaret S. Neuman, Phi Delta Kappa
<http://www.npr.org/sections/ed/2017/05/16/523612949/lessons-on-race-and-vouchers-from-milwaukee>

Wired In the black community, a division over charter schools
http://www.wnyc.org/story/in-the-black-community-a-division-over-charter-schools/

Free To Choose TV School, Inc. A Personal journey with Andrew Coulson
Episode 2: The Price of Excellence
Full Program
http://www.freetochoose.tv/program.php?id=school_inc_1&series=school_inc

WSJ Test Scores Don't Lie: Charter Schools Are Transformative
Our state's Hispanic students in Central Harlem support the city's public schools by a wide margin.
<https://www.wsj.com/articles/test-scores-dont-lie-charter-schools-are-transformative-1503528384>

School Choice in Harlem

- ...grew up in Harlem in the 1960s-'70s. My brother and I attended a failing school where we were the only white students
- Thirty years later...living in Harlem and ready to send my own son to school, those same schools were still abysmally low-performing.
- In 2006, when I opened my first charter school in Harlem, the district schools were still failing.
- Central Harlem...number of students meeting rigorous, Common Core math standards has more than doubled since 2013—from 1,690 to 3,703. Students attending charter schools account for 96% of that growth.
- Black and Hispanic students from Central Harlem...Success Academy schools outperform white students across the city by 33 points in math and 21 points in reading; low-income students outperform the city's affluent students by 38 and 24 points in math and reading respectively.

Test Scores Don't Lie: Charter Schools Are Transformative
Our state's Hispanic students in Central Harlem support the city's public schools by a wide margin.
<https://www.wsj.com/articles/test-scores-dont-lie-charter-schools-are-transformative-1503528384>

Fourth Presentation

THE ECONOMICS OF FEDERAL EDUCATION POLICY REFORM

Education on the Job and Online: Alternatives for Federal Reform

Gregory F. Rehmkne
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Federal Education Funding as Foreign Aid

- * Easterly worked 20 years as development economist for the World Bank, then wrote *The Elusive Quest for Growth* and later wrote *The White Man's Burden*.
- * William Easterly and *the Planners vs. the Searchers*.
- * Local enterprises and entrepreneurs have local knowledge & are *searchers* looking to solve problems.
- * Distant and visiting *planners* come with preconceived notions about the local economy and community.
- * Similar problems with federal education *planners* and their programs. Better to empower local *searchers*.

The Ideology of Development

The failed ideologies of the last century have come to an end. But a new one has risen to take their place. It is the Ideology of Development... used to promise a solution to all the world's ills. But like Communism, Fascism, and the other failures, Developmentalism is a dangerous and deadly failure.

ASIAN DEVELOPMENT REVIEW

Planners versus Searchers in Foreign Aid
WILLIAM EASTERLY

<http://foreignpolicy.com/2009/10/13/the-ideology-of-development/>

https://williamasterly.files.wordpress.com/2010/08/49_easterly_plannersversusssearchersinforeignaid_prp.pdf

Education Reforms Economics

- 🍷 Economics turns on *incentive* and *information* challenges.
- 🍷 Local *searchers* have incentives and information.
- 🍷 Education planners and reformers--academics or state and federal officials--have limited information about local students, teachers, and communities.
- 🍷 No one knoww the best way to manage a restaurant. Instead, society has thousands trying new foods and ways to shape, cook, and promote meals.
- 🍷 State and federal education reform should encourage this discovery process, should encourage innovative teachers, schools, and education entrepreneurs.



Transforming High School Through Self-Directed Learning

By Guest Blogger Kerry McDonald 08/23/2017

★...with encouragement from local mayor...to create a new public (non-charter) high school in this city just outside of Boston... entirely focused on the principles of self-directed learning.

★ Resnick says: "We think the future of learning doesn't look anything like school. It looks much more similar to work: much more ambiguous, much more interdisciplinary."

★ Inspired by the writing of self-directed learning pioneers like John Holt (*How Children Learn*, 1967) and Ivan Illich (*Deschooling Society*, 1970), Resnick and his team envision a school in which in-depth, project-based learning--propelled entirely by students...

<http://educationnext.org/transforming-high-school-through-self-directed-learning/>

HIGH SCHOOL WILL NEVER BE THE SAME

THURSDAY SEPT 8 • 8/7C

LEARN MORE

TEXT RETURN TO 33333 FOR A LOOK AT THE FUTURE OF HIGH SCHOOLS AND A FREE GUIDE AND APP.

CBS FOX

<https://xqsuperschool.org/>

<https://xqsuperschool.org/whoweare>



No grades, no timetable: Berlin school turns teaching upside down

the-guardian

Pupils choose their own subjects and motivate themselves, an approach some say should be rolled out across Germany

The Berlin teenager's self-confidence is largely the product of a unique educational institution that has turned the conventions of traditional teaching radically upside down.

At Oberländer's school, there are no grades until students turn 15, no timetables and no lecture-style instructions. The pupils decide which subjects they want to study for each lesson and when they want to take an exam.

<https://www.theguardian.com/world/2016/jul/01/no-grades-no-timetable-berlin-school-turns-teaching-upside-down>



...he managed to talk Germany's national rail operator into handing them some free tickets. So impressed was the management with his chutzpah that they invited him back to give a motivational speech to 200 of their employees. Anton, it should be pointed out, is 14 years old.



After decades of pushing bachelor's degrees, U.S. needs more tradespeople

BY MARY KRUPNICK, THE TECHNIER REPORT

<https://www.facebook.com/attn/videos/1481545225214265/>

High schools and colleges have struggled for decades to attract students to job-oriented classes ranging from welding to nursing.

They've tried cosmetic changes, such as rebranding "vocational" courses as "career and technical education," but students and their families have yet to buy in...

<http://www.pbs.org/newshour/updates/decades-pushing-bachelors-degrees-u-s-needs-tradespeople/>



In Germany, learning a trade is just as valuable as a college education. -- Mike Rowe

Education and Employment

The internships are also part of a larger turnaround effort at ChiTech centered on project-based learning. The school [90%... free or reduced-price lunch, and 14%...homeless], was founded in 2009 to teach skills [for] the booming tech sector.

...the district gave ChiTech a year to turn things around. As part of the deal, they partnered with **High Tech High**, a San Diego-based charter-school network and a national leader in project-based learning.

<https://www.theatlantic.com/education/archive/2017/08/how-student-internships-saved-a-chicago-school/537642/>

How Student Internships Saved a Chicago School

Once on the verge of closing, Chicago Technology Academy has turned itself around with a "real-world" educational initiative.

VIDEO SERIES AUG 22, 2017



HIGH TECH HIGH

<https://www.hightechhigh.org/>

Politics, Markets & America's Schools

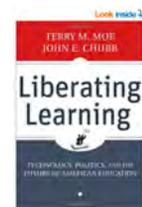
- Teachers vs. administrators in U.S. schools.
- Research by John Chubb and Terry Moe, and their 1990 Brookings Institution book.
- Comparing NYC public & Catholic schools
- Public Choice theory and institutional resistance to education reform.

USNews, News

The Complex History of School Choice

There's no single reason people want more choice in education...

<https://www.usnews.com/opinion/knowledge-bank/articles/2017-07-25/the-history-of-school-choice-is-complicated>



YouTube Search

The Children of Waiting For "Superman"

Waiting for Superman Official Trailer

http://www.oprah.com/oprahshow/the-children-of-waiting-for-superman_1

1,531,249 views

Education Research and Innovation



Our failing schools. Enough is enough! | Geoffrey Canada
262,011 views
<https://www.youtube.com/watch?v=vY2I2xfDBcE>

TED
Published on May 8, 2013



SPREADING THE MODEL
<http://hcz.org/spreading-the-model/>



Geoffrey Canada
President

Inadequate accreditation:
America's looming education crisis



The New Diploma Mills

Bushing to boost graduation rates, more school districts are relying on "online credit recovery"—a form of instruction that may be selling students short.

By Zolt Klein

http://www.slate.com/articles/news_and_politics/schools/2017/05/u_s_high_schools_may_be_over_relying_on_online_credit_recovery_to_boost.html



• *"The Big Shortcut," a striking eight-part series in Slate, reveals the broad scope of our public education system's abuses of online credit recovery courses to boost graduation rates.*

• *...should be doing a better job is accrediting agencies...with a mission of ensuring quality control and academic integrity in our schools.*

• *...online credit recovery, whereby schools hand out dubious credits to students who click through watered down online courses. Yet some of these agencies appear to be not only missing in action, but complicit in this burgeoning scandal.*

<https://ledexcellence.net/articles/inadequate-accreditation-americas-looming-education-crisis>

Debate: Central @SlateDebate · 10w · 1.1M views

"Debate: Should non-public education be funded by federal tax money?"
The SoHo Forum
Published on Aug 7, 2017

Debate: Should non-public education be funded by ...
Bob Rowson vs. Samuel Abrams Resolution: "Parents should have the choice to opt out of public schools and redirect the taxpayer tuition money for their child..."

July 11, 2017

"Parents should have the choice to opt out of public schools and redirect the taxpayer tuition money for their children to other approved schools or educational options."

Bob Rowson of ChoiceMedia.TV vs. Samuel Abrams of Columbia University

	Pro	Con	Change
Yes	10.0%	20.0%	10.0%
No	20.0%	10.0%	10.0%
Unvoted	70.0%	70.0%	80.0%

<https://www.youtube.com/watch?v=Y47gTuHkn8E>

intelligence² DEBATES

For the motion

Gary Mirra
Professor, College of Education, Western Michigan University

Julian Vasquez Heilig
Professor, Department of Early Childhood Education, University of Illinois at Chicago

Against the motion

Jeanne Allen
Founder & CEO, The Center for Education Reform

Gerard Robinson
Retired Fellow, AEI is a former Florida Commissioner of Education

<http://www.intelligencesquaredus.org/debates/charter-schools-are-overrated>

intelligence² DEBATES

EMBRACE THE COMMON CORE

Do New Common Core Tests Set the Bar Too High?
Clip: Michael Petrilli, editor of Education Next and President of the Fordham Institute, and Allister Frederick Hess debate national "cut scores" on Common Core tests.

Does Common Core's Focus on "Close Reading" Make Sense?
Clip: Former Assistant Secretary of Education Carmel Martin, Michael Petrilli, President of the Fordham Institute, and Washington Post blogger Carol Brink debate the studies backing "close reading."

<http://www.intelligencesquaredus.org/debates/embrace-common-core>

MACKINAC CENTER FOR PUBLIC POLICY

HIGH SCHOOL DEBATE
2017/2018

- <http://mackinac.org/debate>
- Greg Rehmke - grehmke@gmail.com

Fifth Presentation

THE ECONOMICS OF FEDERAL EDUCATION POLICY REFORM

Self-Directed Education, Social Mobility, and Employment

Gregory F. Rehmke
EconomicThinking.org

ANNOUNCING THE MACKINAC CENTER HIGH SCHOOL DEBATE WEB RESOURCE CENTER
MACKINAC.ORG/DEBATE

FACULTY
Greg Rehmke is program director of Economic Thinking and a member of the Mackinac Center Board of Scholars. He has more than 30 years of experience in leading high school debate programs and workshops.

The Mackinac Center is a nonprofit, research and education institute headquartered in Midland, Mich. We believe that free, vigorous and civil debate is critical to progress in a society.

Policy Debate – 2017-2018 Topic
Resolved: The United States federal government should substantially increase its funding and/or regulation of elementary and/or secondary education in the United States.



FROM THE MAGAZINE
A New Kind of Catholic School
The Cristo Rey network applies lessons from the best charter schools to provide opportunities for low-income students.
Charles Upton Smith
Summer 2017 Education

network, Cristo Rey New York combines a rigorous college-prep curriculum, a culture of high expectations, the support of a nurturing school community, and a unique work-study experience, in which students spend one day a week laboring in corporate settings.

- 👉 Cristo Rey high school opened in Chicago's low-income, Latino neighborhood of Pilsen, in 1996, it included a work-study program designed to help students cover part of their tuition.
- 👉 Soon, however, the school discovered that **providing work experience brought benefits beyond money**: test scores rose, as did the percentage of students applying to college.
- 👉 More than 20 years later, with 32 schools nationwide enrolling 11,000 students, Cristo Rey is America's largest

<https://www.city-journal.org/html/new-kind-catholic-school-15326.html>

Five Finalists Global Learning XPrize

- * ...increase the learning of children, with limited access to schooling, within the 15-month field-testing period.
- * ...design...is easy to use and engaging for children, so they can operate it alone and/or in self-organized groups.
- * Creation of open source software...

Sugata Mitra: Challenging Traditional Education with Technology

<https://learning-xprize.org/>

A \$15 MILLION GLOBAL COMPETITION TO EMPOWER CHILDREN TO TAKE CONTROL OF THEIR OWN LEARNING

GLOBAL LEARNING XPRIZE FIVE FINALISTS ANNOUNCED

GLOBAL LEARNING XPRIZE FINALISTS



VIDEOS ARTICLES PLAYLISTS EXPERTS PODCAST EDGE

Some Schools Are Abolishing Homework In Favor Of Reading, And That's A Good Thing

PHOTO'S 2017: © EUDORA ZAREVA



- 👉 research that shows that homework does not improve achievement for younger students,
- 👉 but time free from school type activities is important for their development. ...
- 👉 In Finland...students have consistently been amongst the top performers... homework is not considered an important tool for academic success...

<http://bigthink.com/design-for-good/why-reading-to-a-kid-about-anthing-is-better-than-homework>

Recess & Outdoor Education

The Washington Post
Health & Science

Recess: It's important. Does your child get enough of it?

Yet, up to 40% of U.S. school districts have reduced or eliminated recess time for kids.

- Out of school free Physical activity has also been linked to better academic performance, and many kids use their recess time to run around. But even those who choose to rest or socialize get a boost from recess, suggests a burgeoning field of

https://www.washingtonpost.com/national/health-science/recess-its-important-does-your-child-get-enough-of-it/2015/11/09/ab610866-8180-11e5-9afb-0c971713d0c_story.html

the guardian Tuesday 3 October 2017

How to improve the school results: not extra maths but music, loads of it

A Bradford primary school wants the world to know its newfound SATs success is down to giving all children up to six hours of music a week.

- 👉 at Feversham...headteacher, Naveed Idrees, has embedded music, drama and art into every part of the school day, with
- 👉 ...up to six hours of music a week for every child, and with remarkable results.
- 👉 Seven years ago Feversham was in special measures and making headlines for all the wrong reasons.
- 👉 Today it is rated "good" by Ofsted and is in the top 10% nationally for pupil progress in reading, writing and maths, according to the most recent data.



<https://www.theguardian.com/education/2017/oct/03/school-results-music-bradford>

REPORT

A counterintuitive approach to improving math education: Focus on English language arts teaching

Susanna Loeb · Thursday, April 6, 2017

BROOKINGS

...research on the long-term effects of teachers finds that English teachers have at least as much of an effect as math teachers.

...same study following 2.5 million students found that an English teacher who raises students' reading test scores by the same amount as a math teacher raises students' math test scores has an impact on long-term life outcomes approximately 1.7 times that of the math teacher.

<https://www.brookings.edu/research/a-counterintuitive-approach-to-improving-math-education-focus-on-english-language-arts-teaching/>

Want Change In Education? Look Beyond The Usual Suspects (Like Finland)

October 4, 2017 · 6:02 AM ET



- In the slums of Bogota, Colombia, children play with special board games, dominoes and dice games that can teach them math and reading in a matter of months.
- Youth volunteers in the community help bring the games to younger children.
- ...part of a distinct global effort underway right now to identify important innovations in education and to help them spread.

<http://www.npr.org/sections/ed/2017/10/04/554316261/want-change-in-education-look-beyond-the-usual-suspects-like-finland>

COMPETENCY-BASED EDUCATION: Meeting the Needs of Each Student



- Competency-based education...system of instruction...students advance to higher levels of learning as soon as they demonstrate mastery of concepts and skills regardless of time, place or pace.
- A traditional, time-based education...advances students based on their age, regardless of what they..learned.
- This outdated model limits student achievement in two fundamental ways: it holds back students who could be excelling more quickly,
- and it pushes students forward who are not yet ready, leaving them with gaps of knowledge, skill and understanding that must be filled later.

<http://www.excelined.org/competency-based-education/>

High School preparation for higher education?

- More jobs require a higher education degree
- 23% of 17-20 year olds taking the Armed Forces Qualification Test do not earn a qualifying score. - Education Trust, Shutout of the Military: Today's High School Education Doesn't Mean You're Ready for Today's Army, 2010
- 74% Of ACT-tested high school graduates fail to score "college ready" in English, reading, math and science. - ACT, Condition of College & Career Readiness, 2014
- \$7 Billion is spent by first-year college students to learn what they should have been taught in high school. J. Scott-Clayton, P. M. Crosta, and C. R. Belfield, "Improving the Targeting of Treatment: Evidence from College Remediation," Washington, DC: the National Bureau of Economic Research, 2012

Lennie Jarratt - education@heartland.org

Center for Transforming Education

A PROJECT OF THE HEARTLAND INSTITUTE

Asia Education Models

- China: Higher test scores, harder work.
- China/US (Confucius Institutes)
- South Korea (from Schools, Inc.

For NCFCAs debaters, from China topic to higher education topic... "Confucius Institutes are an official agency of the Chinese government,..."
<http://www.nybooks.com/daily/2017/04/28/should-the-chinese-government-be-in-american-classrooms/>



Should the Chinese Government Be in American Classrooms?

While the rapid spread of Confucius Institutes in the US has been impressive, in recent years their unusual reach in the American higher education system has...

NYBOOKS.COM

