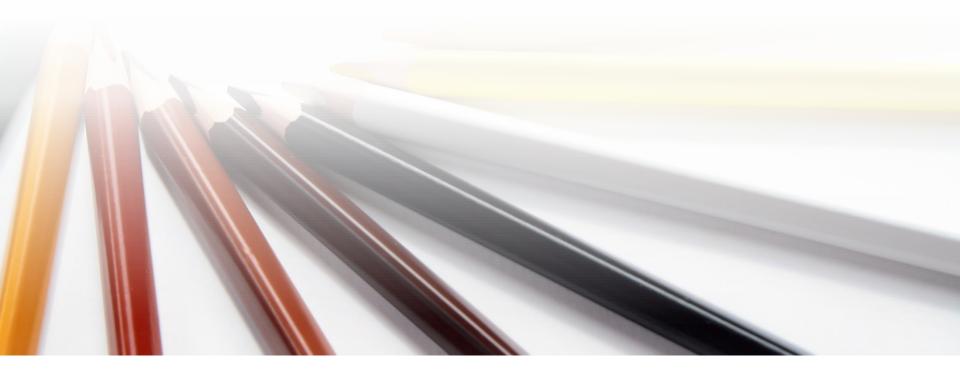




Ongoing Research

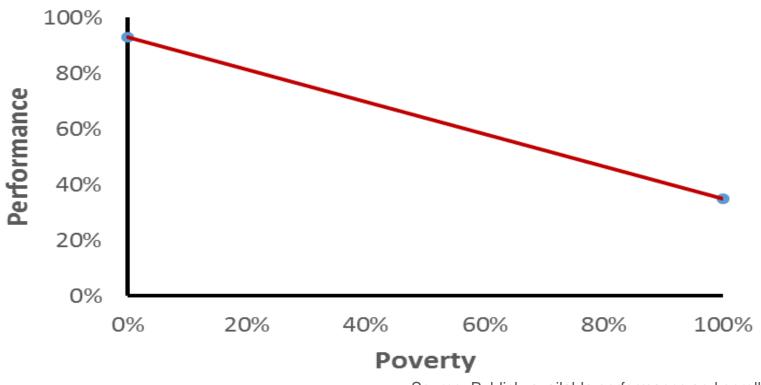
Good to Great



Ongoing Research

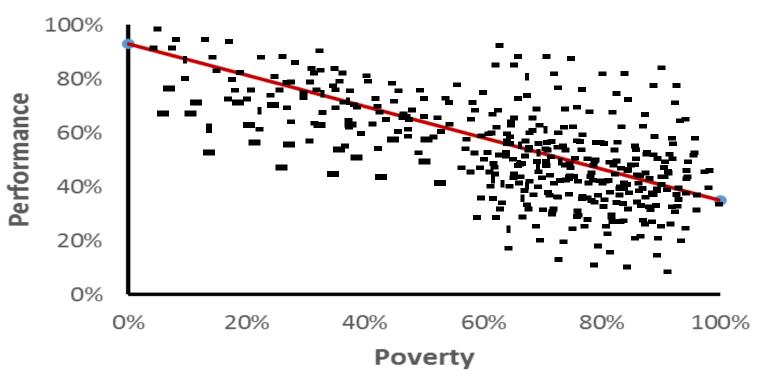
- 1. Good to Great
- 2. High Poverty/High Performance

Nation's Most Rapidly Improving Schools



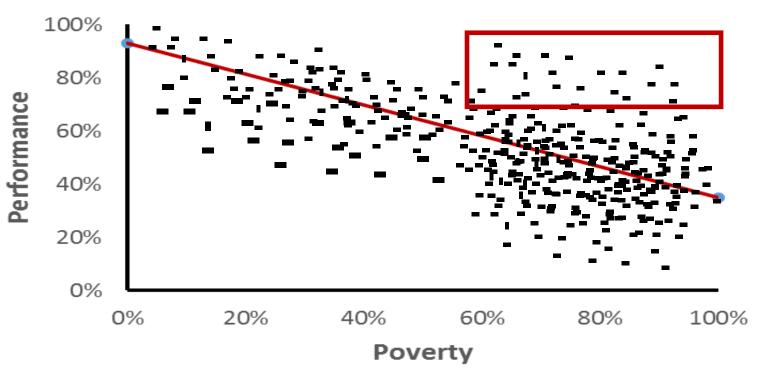
Source: Publicly available performance and enrollment data

Nation's Most Rapidly Improving Schools



Source: Publicly available performance and enrollment data

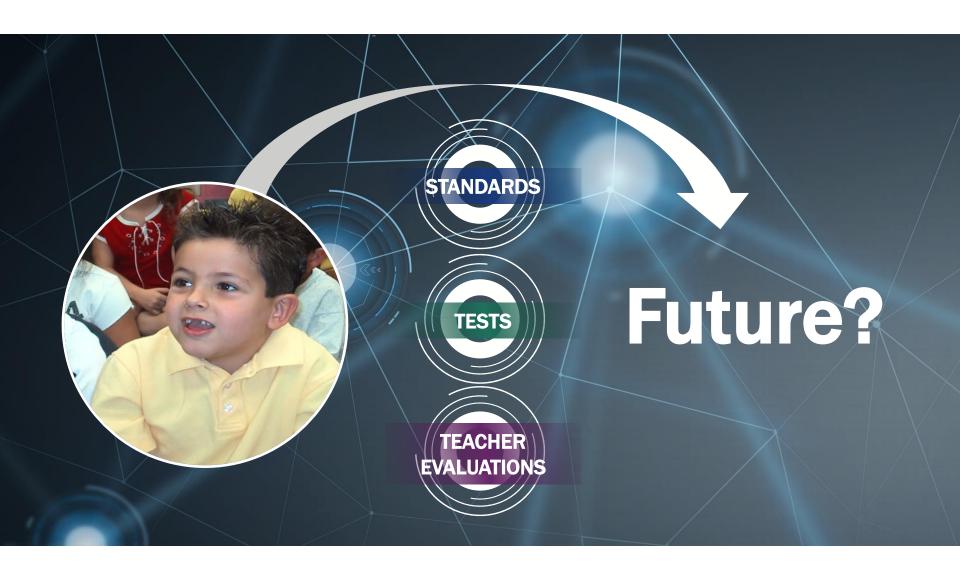
Nation's Most Rapidly Improving Schools

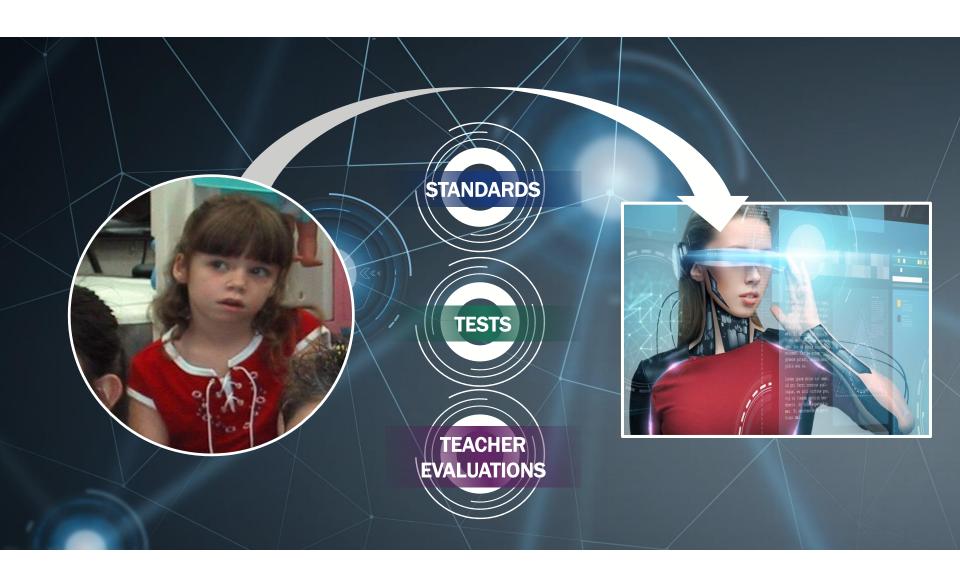


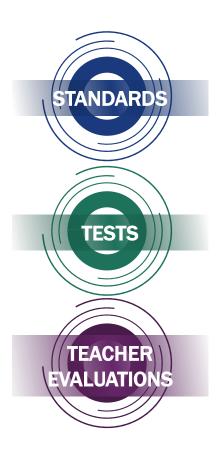
Source: Publicly available performance and enrollment data

Culture Trumps Strategy









WHY

WHY - WHAT

WHY – WHAT - HOW

1. Culture Trumps
Strategy

1. Culture Trumps
Strategy

2. It is More than Content

1. Culture Trumps
Strategy

2. It is More than Content

3. Actionable Data

1. Culture Trumps
Strategy

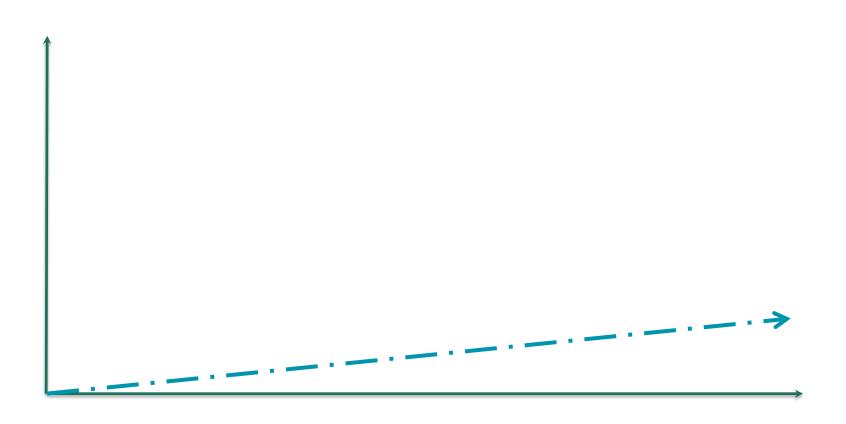
2. It is More than Content

3. Actionable Data

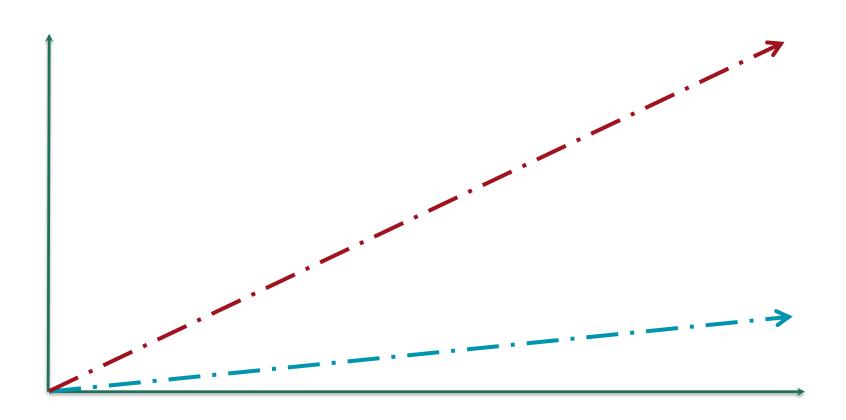
4. It is not a series of "Events"

WHY

Rate of Change



Rate of Change

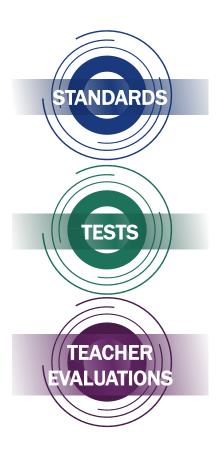




1st Industrial Revolution

1st Industrial Revolution 2nd Industrial Revolution

Industrial Revolution transformed both the expectations and model of public education



1st Industrial Revolution 2nd Industrial Revolution 3rd Industrial Revolution

Web 1.0 - Informational Web

Web 1.0 - Informational Web Web 2.0 - Relational Web

Web 1.0 – Informational Web Web 2.0 – Relational Web Web 3.0 – Anticipatory Web

"Harvard Yanks Acceptance Letters Over Offensive Facebook Posts"

-Fortune

"Colleges Eyeing Social Media—Big Time"

-South Coast Today

"They Loved Your G.P.A. Then They Saw Your Tweets."

-The New York Times

"One in Ten Young People Have Been Rejected For Jobs Because of Their Social Media History"

-Business Insider

5 Largest Companies

2007

- 1. Exxon Mobil (\$540B)
- 2. General Electric (\$463B)
- 3. Microsoft (\$355B)
- 4. Citigroup (\$331B)
- 5. Bank of America (\$290B)

2017

- 1. Apple (\$794B)
- 2. Google (\$593B)
- 3. Microsoft (\$506B)
- 4. Amazon (\$429B)
- 5. Facebook (\$414B)

Source: S & P Dow Jones Indices

1st Industrial Revolution 2nd Industrial Revolution 3rd Industrial Revolution 4th Industrial Revolution



4th Industrial Revolution













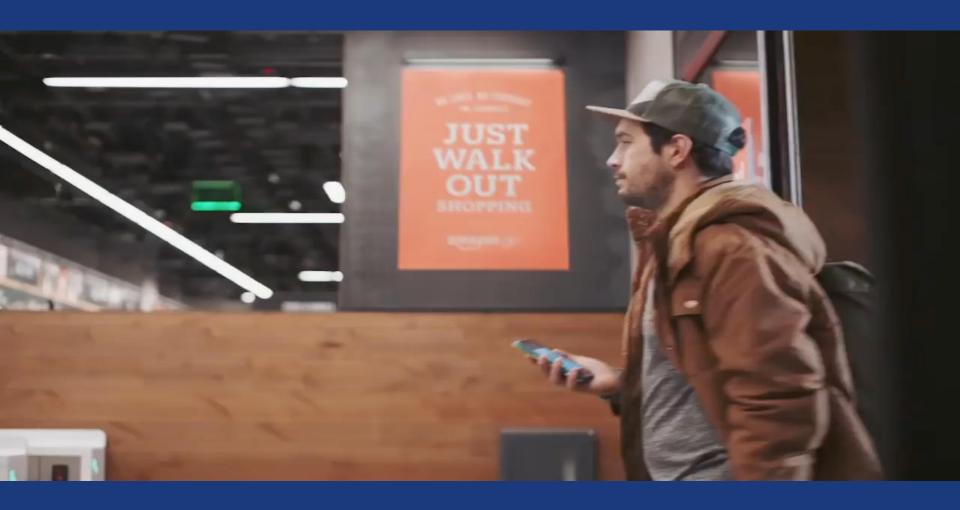




Driverless Cars

40% of cost of a car today is electronics. It will soon be 60%.







Engine Part



1. Concept



- 1. Concept
- 2. Design Team



- 1. Concept
- 2. Design Team
- 3. Build Machine Tool



- 1. Concept
- 2. Design Team
- 3. Build Machine Tool
- 4. Build Prototype



- 1. Concept
- 2. Design Team
- 3. Build Machine Tool
- 4. Build Prototype
- 5. Test



- 1. Concept
- 2. Design Team
- 3. Build Machine Tool
- 4. Build Prototype
- 5. Test

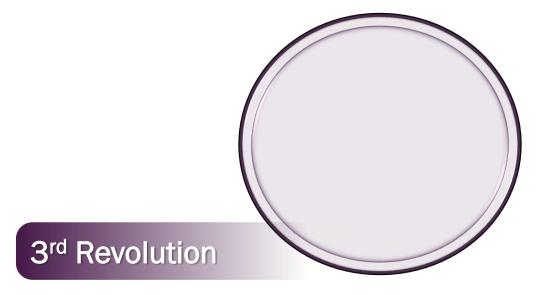
- Engine Part
- 2 Years
- Now

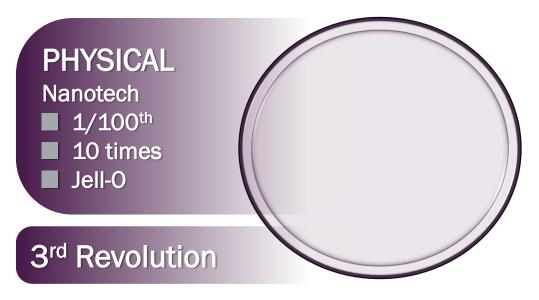
- 3-D computer-aided software
- 3-D printer using steel chips

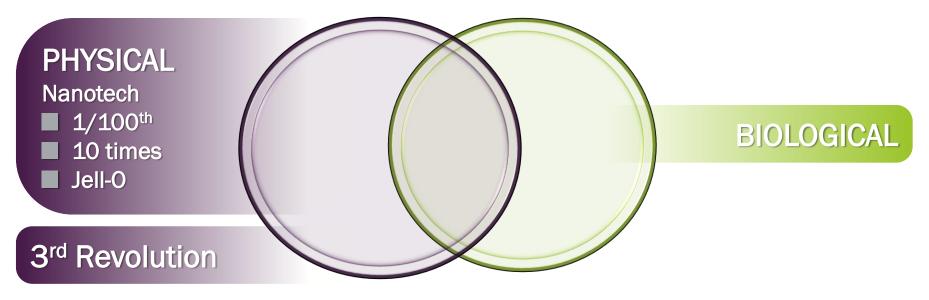
- Engine Part
- 2 Years
- Now

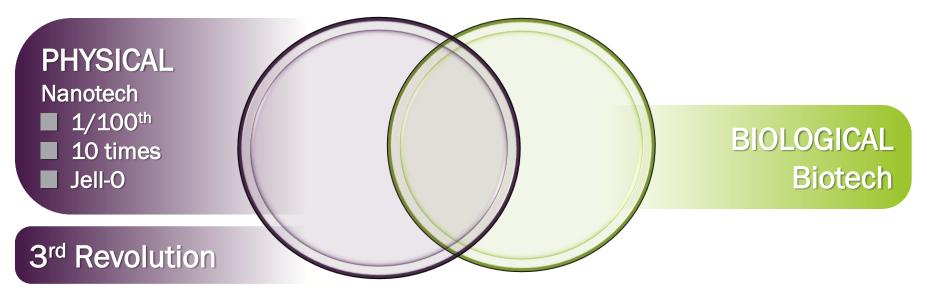
- 3-D computer-aided software
- 3-D printer using steel chips

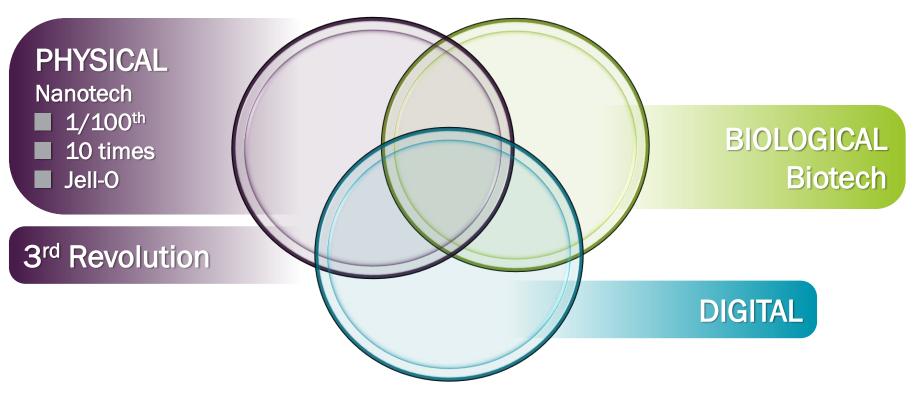
From 2 years to 2 days











Health Care

Precision Medicine

Customization of health care with medical decisions, practices, and products tailored to the individual patient



Precision Medicine



Sequencing of the human genome



Improved technologies for biomedical analysis



New tools for using large datasets



traverse the digestive tract and circulatory system to pinpoint and later *treat* medical issues.

Schools

If you can write an algorithm for a task, the job is gone.

Paid for Unique Knowledge

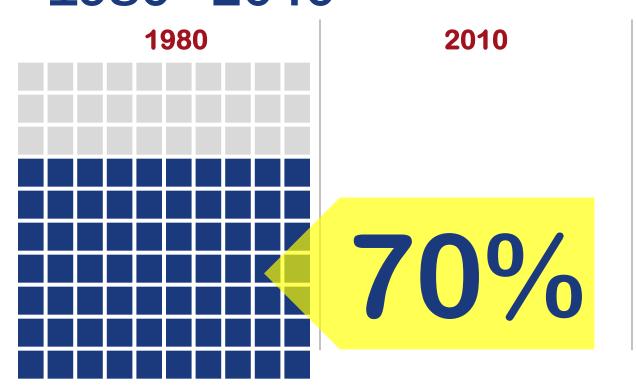
- Lawyers
- Accountants
- Stock Brokers
- Doctors

In the immediate future...



Source: NY Fed Calculations, U.S. Census Bureau

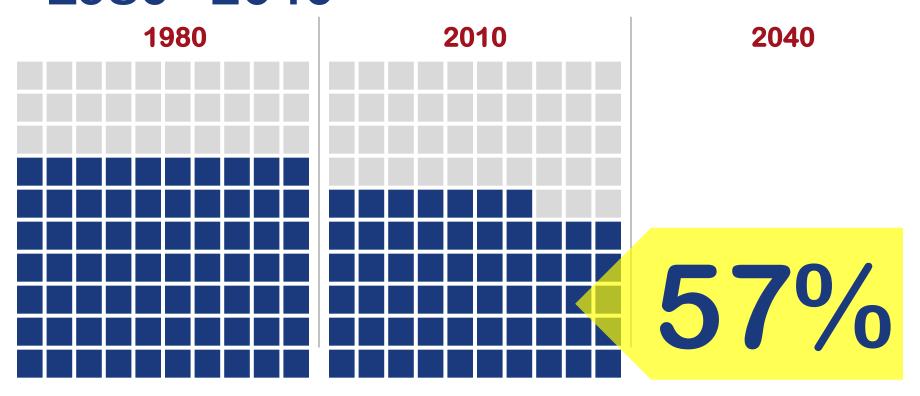
Middle-Level Skilled Jobs 1980 - 2040



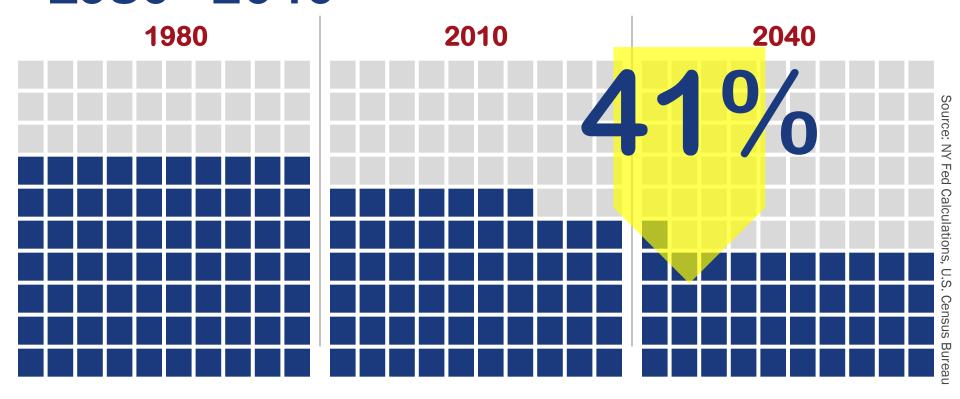
2040

Source: NY Fed Calculations, U.S. Census Bureau

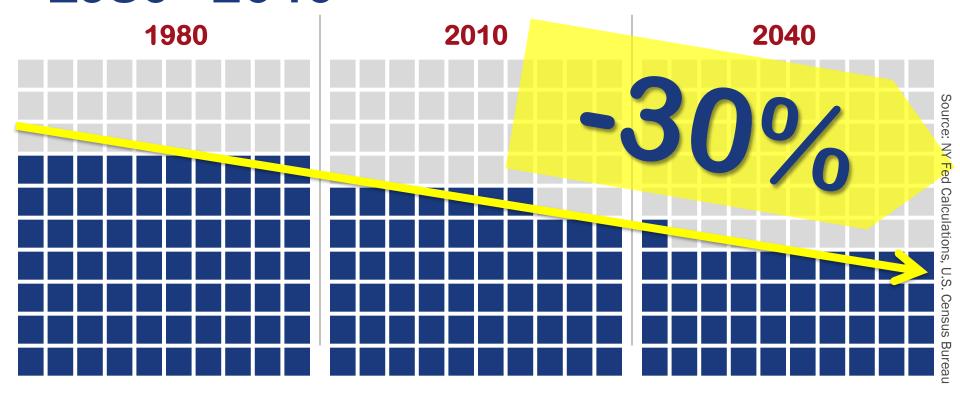
Middle-Level Skilled Jobs 1980 - 2040



Middle-Level Skilled Jobs 1980 - 2040

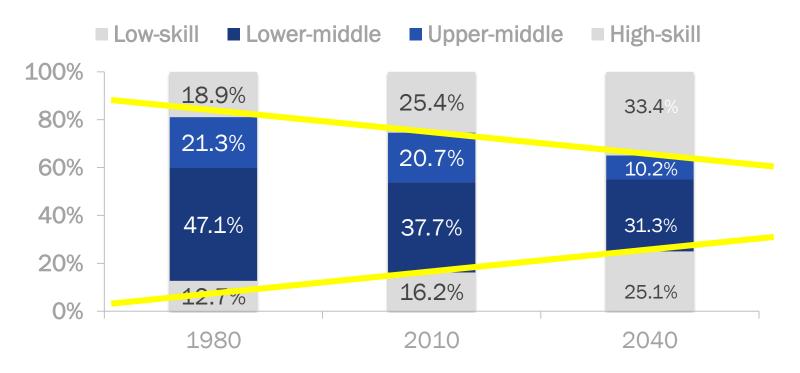


Middle-Level Skilled Jobs 1980 - 2040



Job Shares by Skill Group

1980 - 2040



5 Largest Companies

2007

- Exxon Mobil
- 2. General Electric
- 3. Microsoft
- 4. Citigroup
- 5. Bank of America

<u>2017</u>

- 1. Apple
- 2. Google
- 3. Microsoft
- 4. Amazon
- 5. Facebook

2027

Bio/Nano/Info Technology

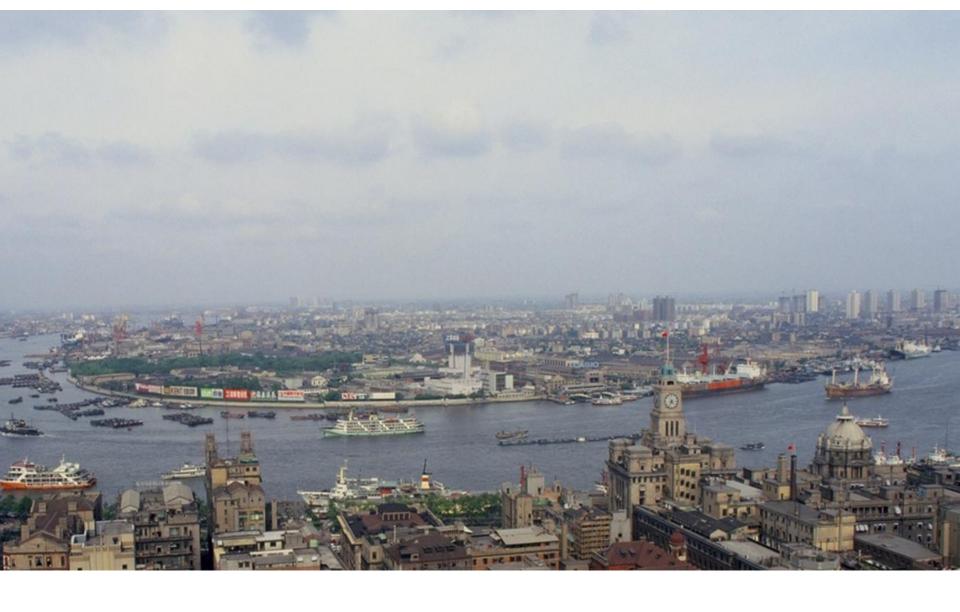
Source: S & P Dow Jones Indices

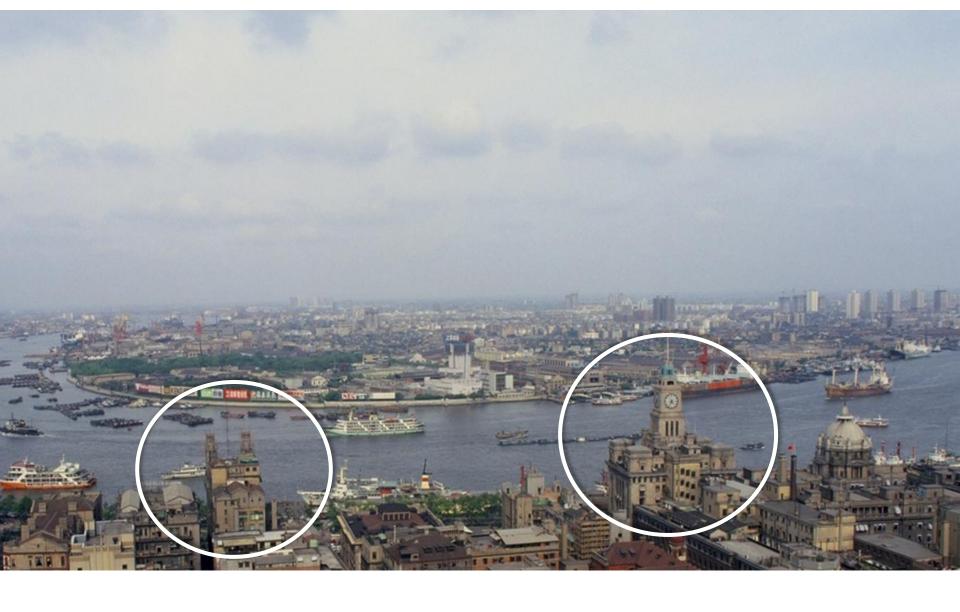
The rate of change caused by technology is faster than larger organizations can adapt to.

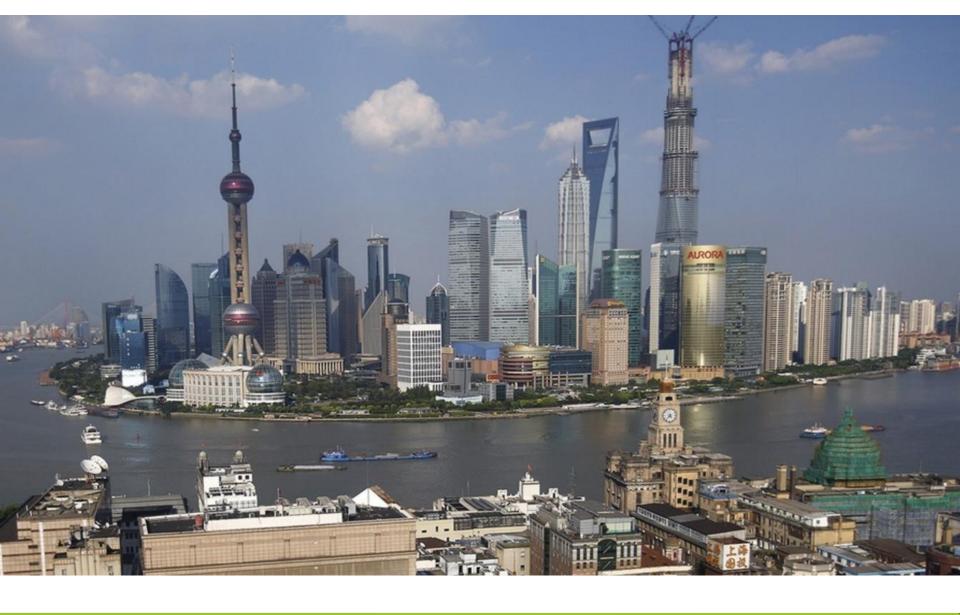


Entrepreneurs are more effective in this changing environment than large/bureaucratic organizations

Work to Worker















Six billion of the 7 billion people on Earth have a mobile phone. More than those who have access to toilets.

Source: * Industries of the Future

Developing nations do not need to be freed from the structures of the past.

The internet has reduced the barriers of time and distance.

The internet has reduced the barriers of time and distance everywhere except education.



College Dropout Rate 2016

First to Second Year

34.8%

Four-Year Colleges

44.5%

Two-Year Colleges

Source: http://www.air.org/sites/default/files/downloads/report/AIR-CALDER-Understanding-the-College-Dropout-Population-Jan14.pdf



Average Graduation Rate 2016
1983-2016

36.6%

Four-Year Colleges in 5 years

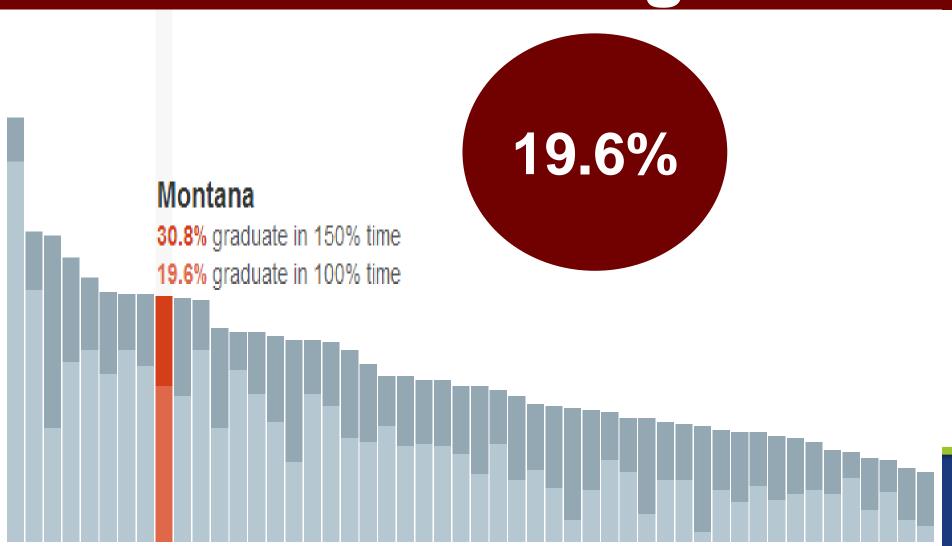
29.1%

Two-Year Colleges in 3 years

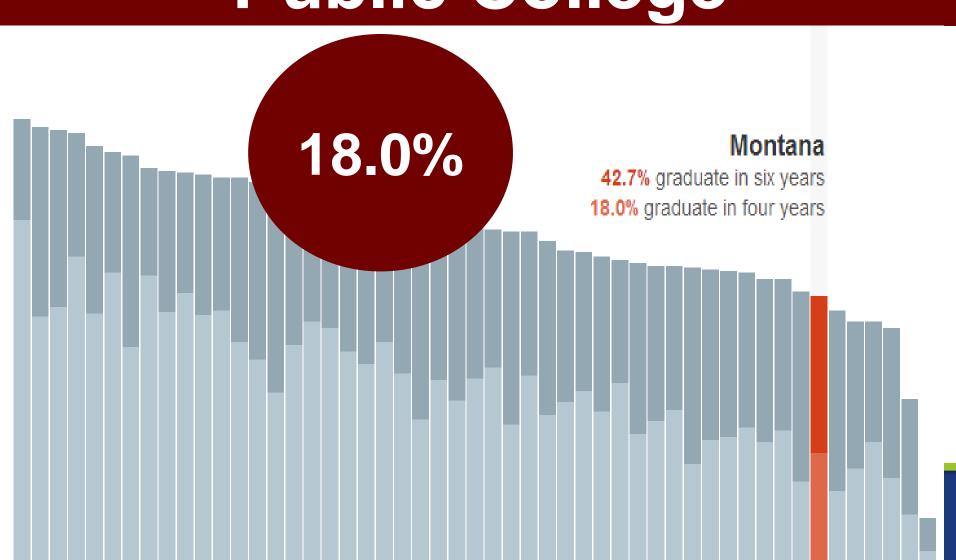
Source: http://www.air.org/sites/default/files/downloads/report/AIR-CALDER-Understanding-the-College-Dropout-Population-Jan14.pdf



Montana Two-Year Public College



Montana Four-Year Public College



Your Major Matters A LOT

2-Year College Graduates

OCCUPATION	STARTING	AVERAGE
Management Info Systems	\$45,100	\$72,100
Electrical and Chemical Engineers	\$45,100	\$69,800
Occ. Health and Safety	\$50,300	\$68,200
Diagnostic Medical Specialist	\$50,200	\$66,800
Computer Programmer	\$42,300	\$65,300

4-Year College Graduates

OCCUPATION	STARTING	AVERAGE
Human Development	\$35,900	\$48,000
Athletic Trainer	\$34,800	\$46,900
Social Worker	\$33,000	\$46,600
Recreation and Leisure	\$32,200	\$45,300
Child and Family Studies	\$30,300	\$37,200

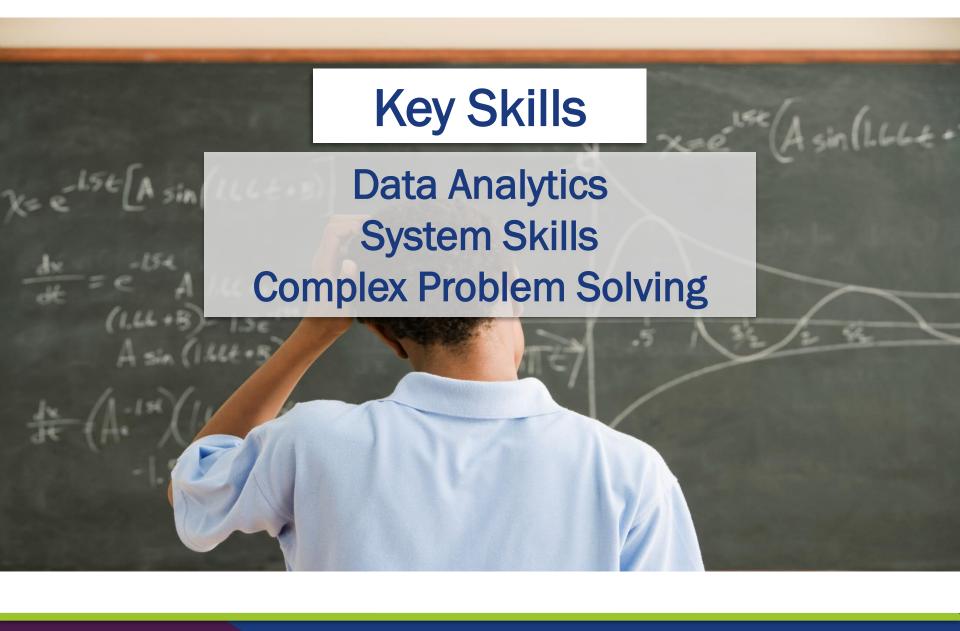
4-Year College Graduates

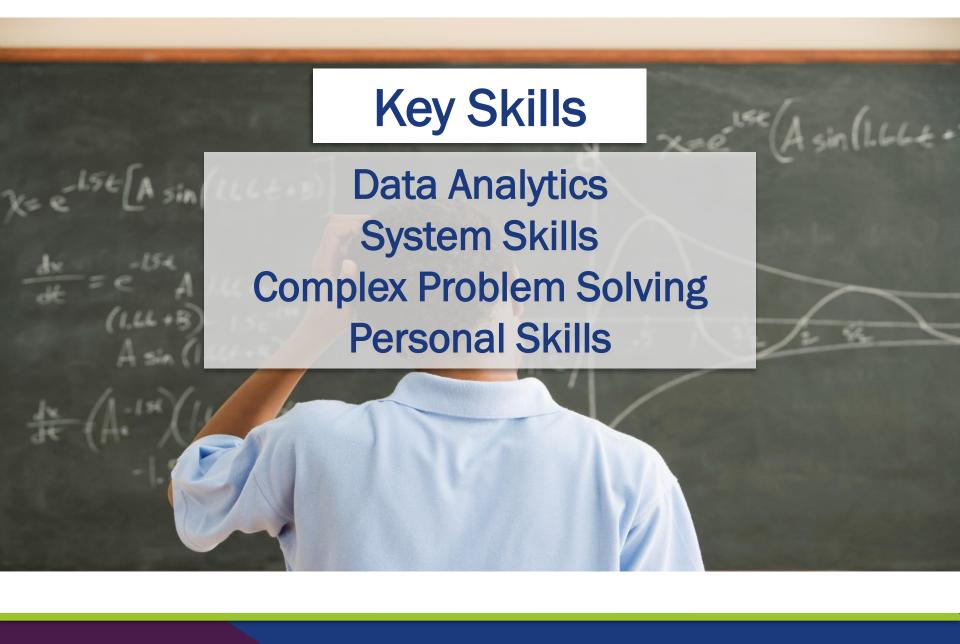
OCCUPATION	STARTING	AVERAGE
Petroleum Engineer	\$103,000	\$160,000
Actuarial Math	\$58,700	\$120,000
Nuclear Engineer	\$67,600	\$117,000
Chemical Engineer	\$68,200	\$117,000
Aerospace Engineer	\$62,800	\$109,000











Source: Future of Jobs Report, World Economic Forum

1. Complex Problem Solving



















1. Complex Problem Solving

2. Critical Thinking



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others
- 6. Emotional Intelligence



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others
- 6. Emotional Intelligence
- 7. Active Listening



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others
- 6. Emotional Intelligence
- 7. Active Listening
- 8. Service Orientation



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others
- 6. Emotional Intelligence
- 7. Active Listening
- 8. Service Orientation
- 9. Negotiation



















- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others
- 6. Emotional Intelligence
- 7. Active Listening
- 8. Service Orientation
- 9. Negotiation
- 10. Cognitive Flexibility



















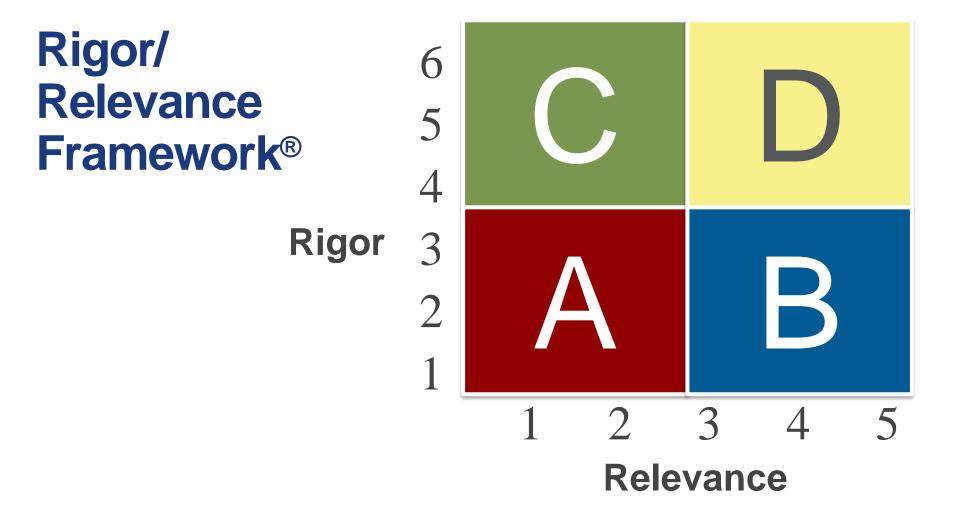
WHAT



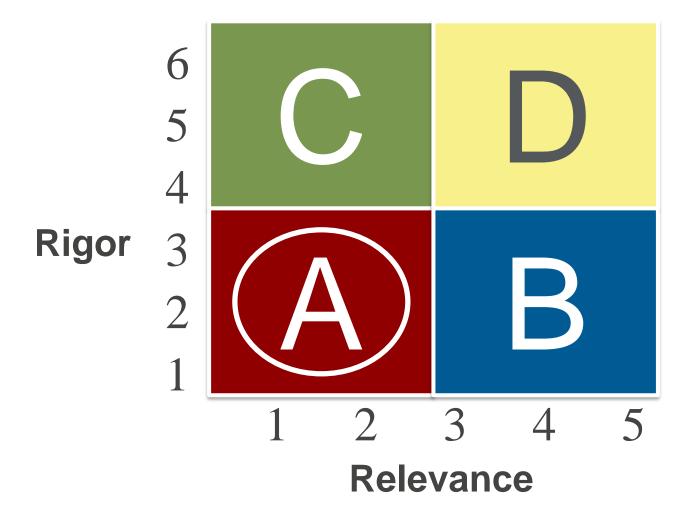
- 1. Knowledge in one discipline
- 2. Application within discipline
- 3. Application across disciplines
- 4. Application to real-world predictable situations
- 5. Application to real-world unpredictable situations

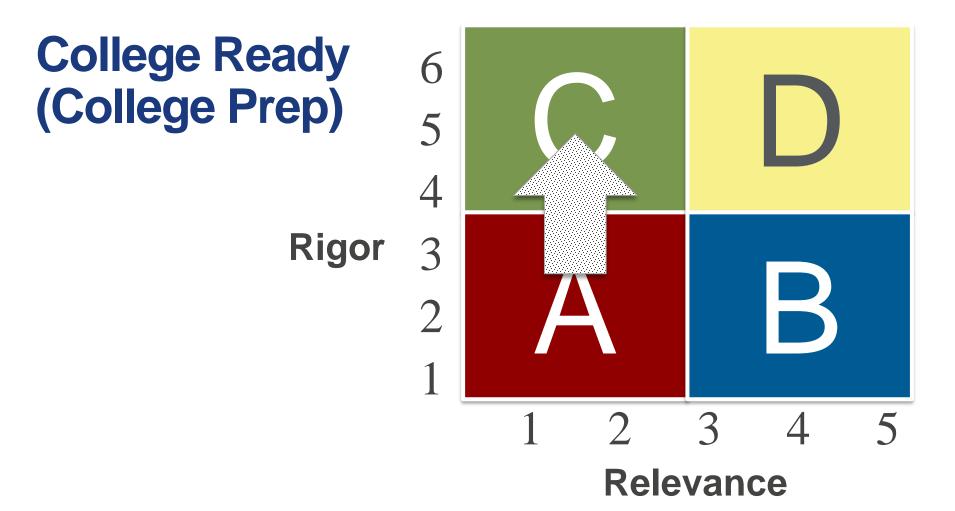
Knowledge Taxonomy

```
Creating
Evaluating
Analyzing
Applying
                     3
Understanding
Remembering
```

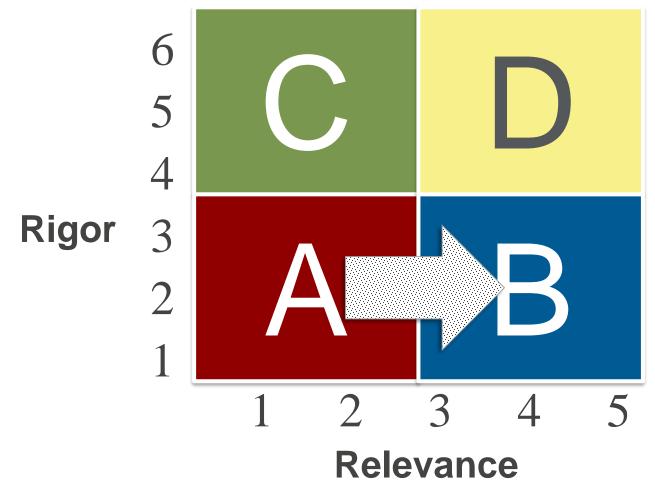


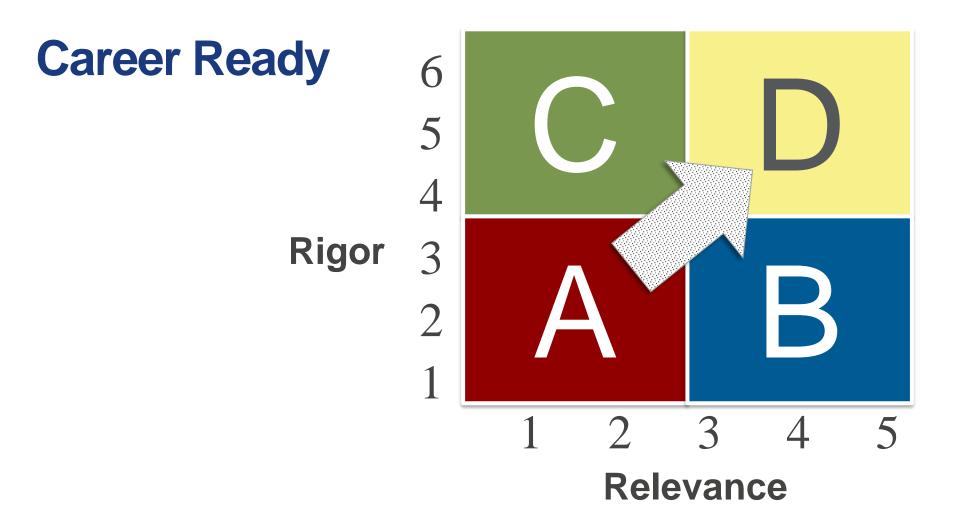
Levels

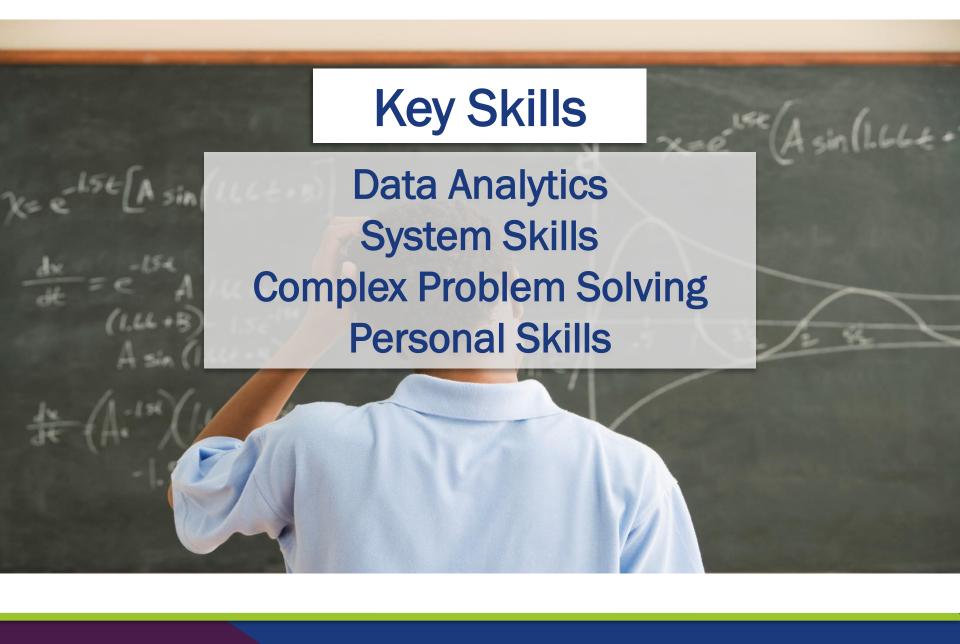




Job Ready (CTE)







- 1. Complex Problem Solving
- 2. Critical Thinking
- 3. Creativity
- 4. People Management
- 5. Coordinating with Others
- 6. Emotional Intelligence
- 7. Active Listening
- 8. Service Orientation
- 9. Negotiation
- 10. Cognitive Flexibility











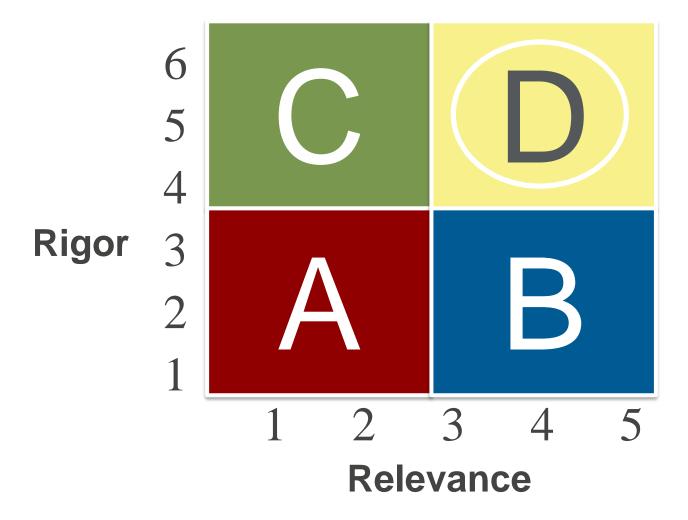


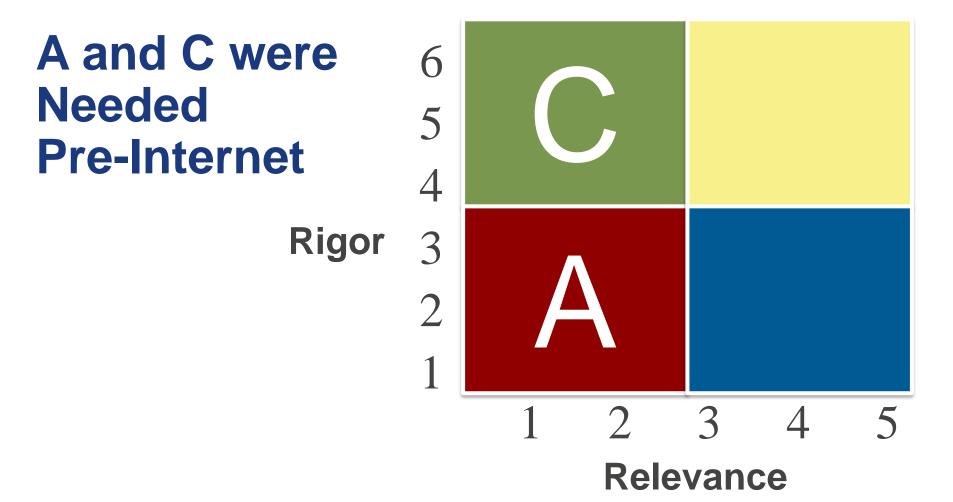


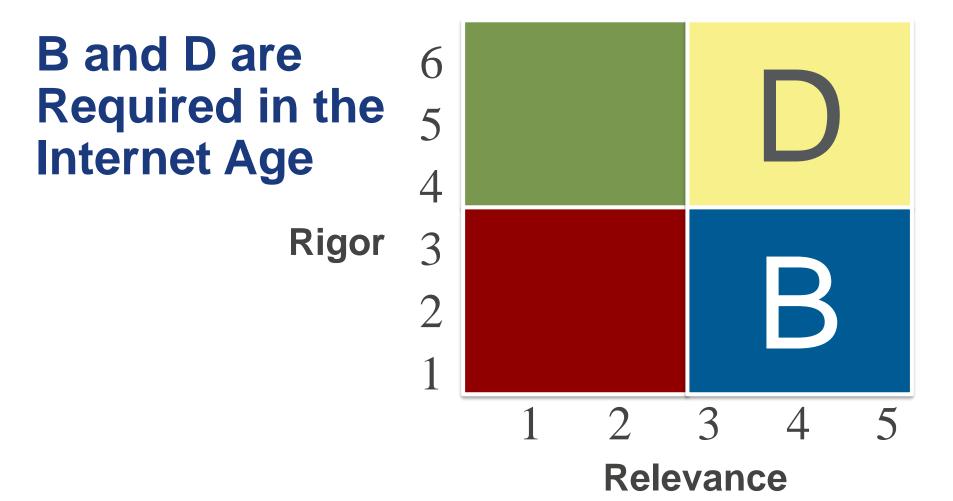




Levels







Regulated, Certified, Tenured, and Rigor Contracted Relevance Make all children all they are capable of being, BUT it is about more than standards and tests.

Personal Skills

- Responsibility
- Contemplation
- Initiative
- Perseverance
- Optimism
- Courage

- Respect
- Compassion
- Adaptability
- Honesty
- Trustworthiness
- Loyalty



It all begins with the focus on the students, not the standards.

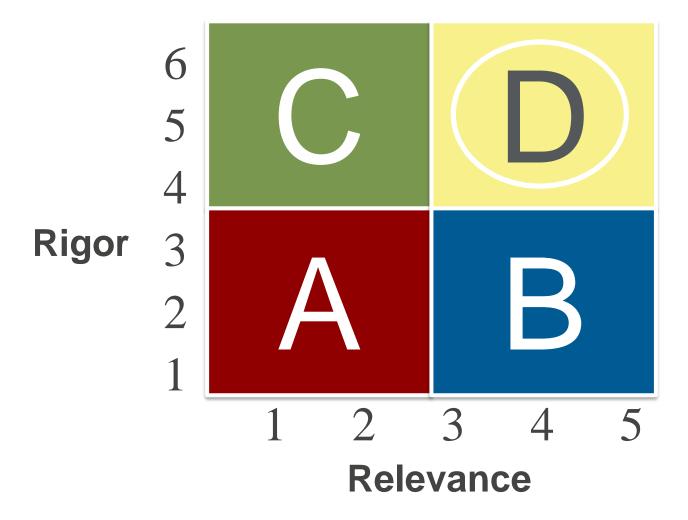




HOW

Effective use of Data

Levels

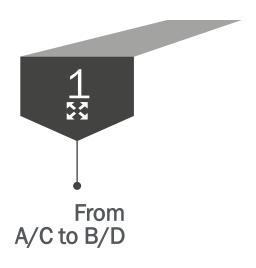


The achievement of RIGOR begins with RELATIONSHIPS and is anchored in RELEVANCE.

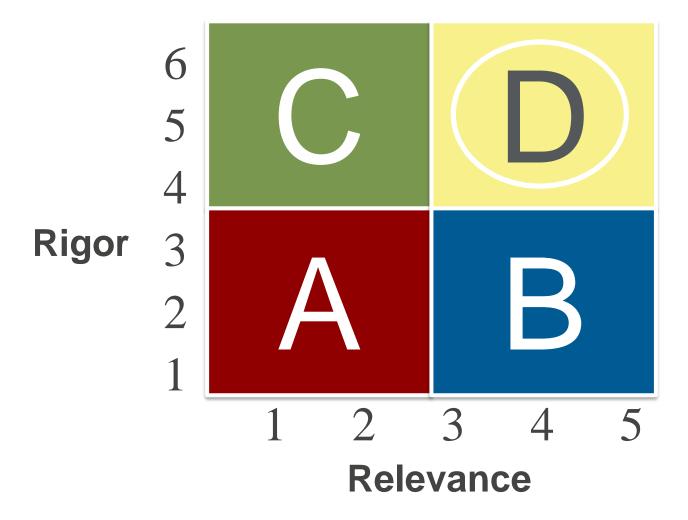
Quad D does require a fundamental shift in both instructional focus and methodology.

Seven Interrelated Fundamental Shifts

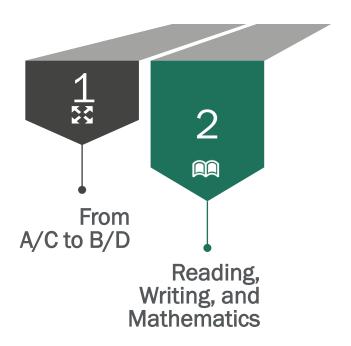
Seven Interrelated Fundamental Shifts



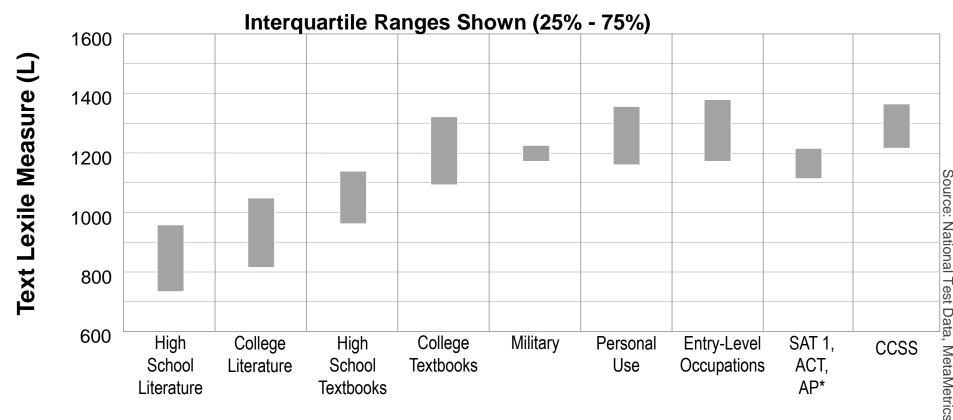
Levels



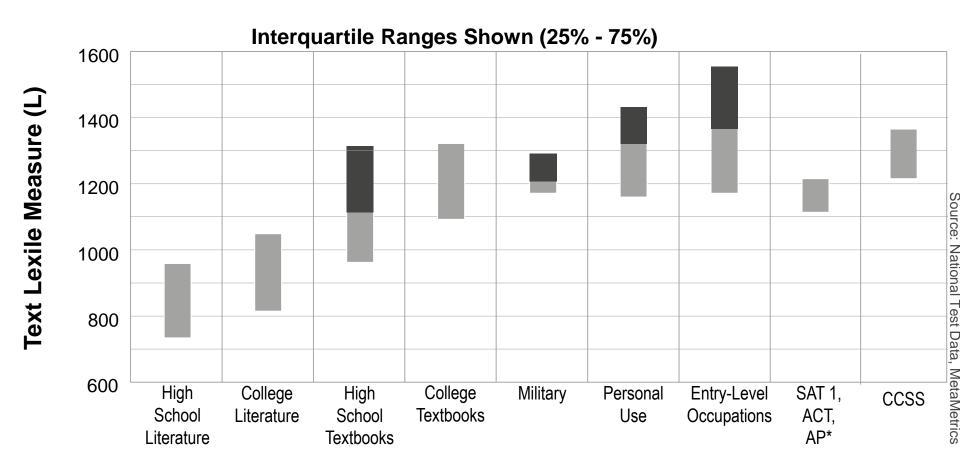
Seven Interrelated Fundamental Shifts

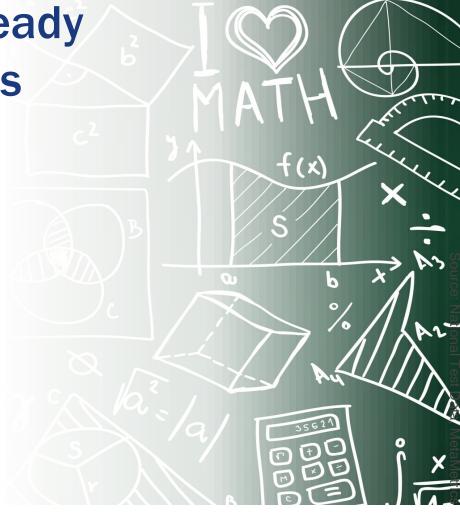


Reading Study Summary



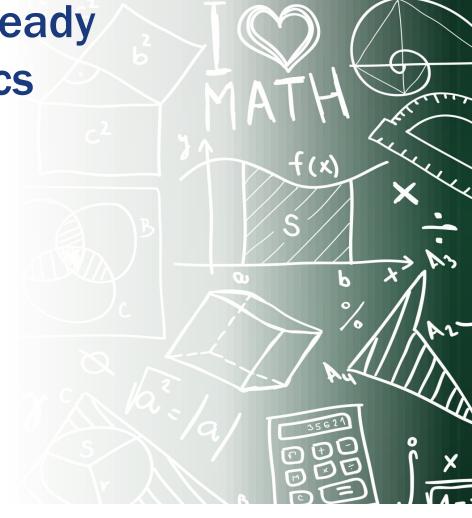
Reading Study Summary



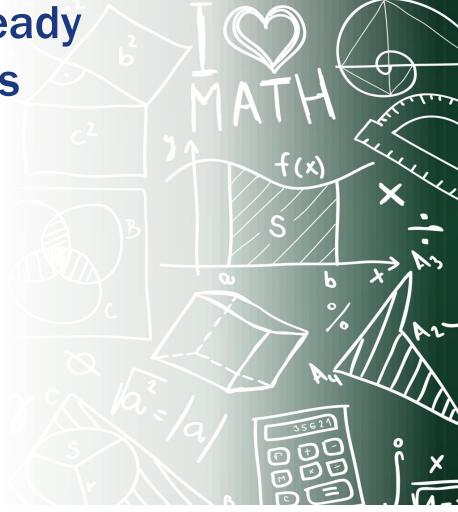


Existing Curriculum

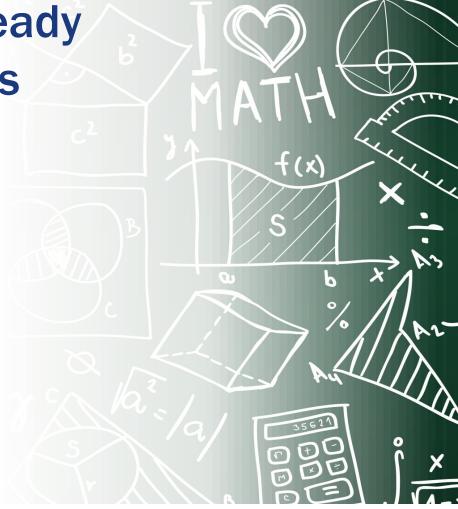
Algebra I



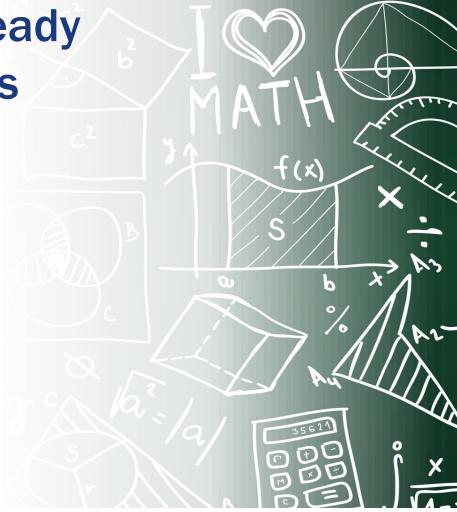
- Algebra I
- Geometry



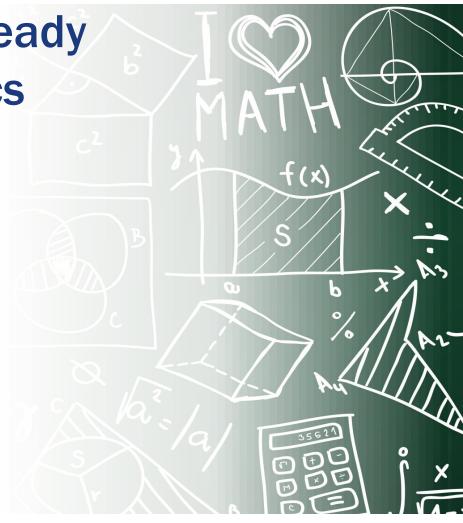
- Algebra I
- Geometry
- Algebra II



- Algebra I
- Geometry
- Algebra II
- Pre-Calculus



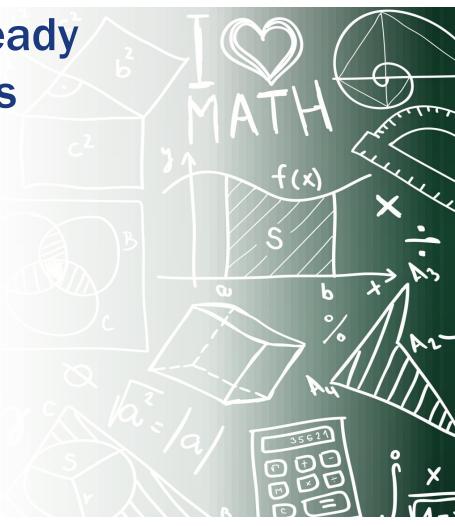
- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus



Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce



Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

Workplace Ready

Proportional Relationships

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions
 - Expressions

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions
 - Expressions
 - Equations

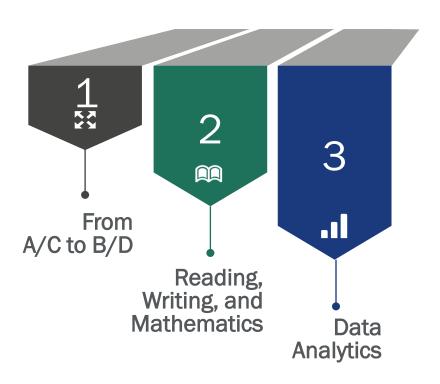
Mastery of middle school math at the Quad B/D levels

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

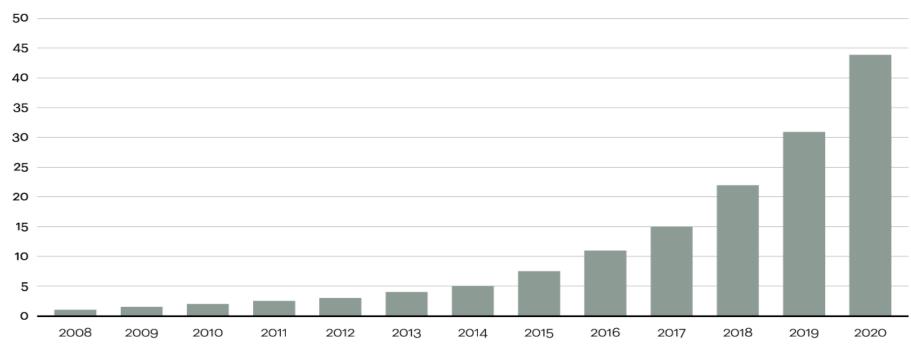
5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions
 - Expressions
 - Equations

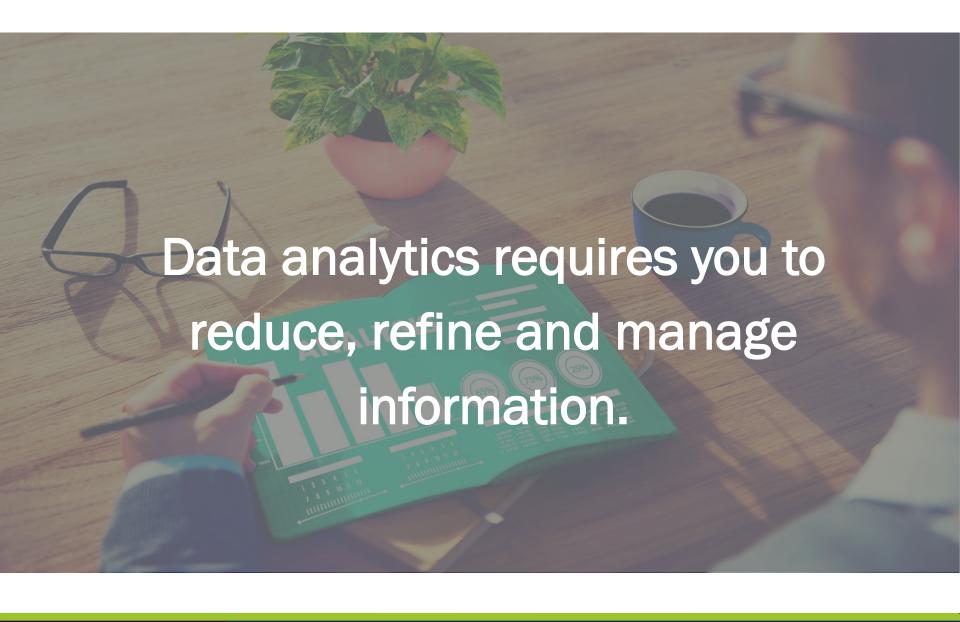


Data is growing at a 40 percent compound annual rate, reaching nearly 45 ZB by 2020

Data in zettabytes (ZB)



Source: Oracle, 2012



Data Analytics



Like a Microscope: Examine smaller details than we can quickly observe (your personal shopping habits).

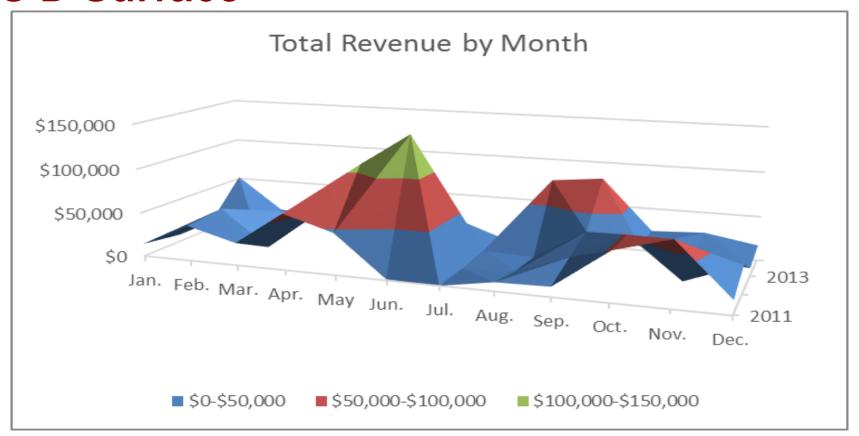
AND

Like a Telescope: See things in large scale showing connections not recognized before (people who buy one product and then buy another).

Data Analytics



3-D Surface



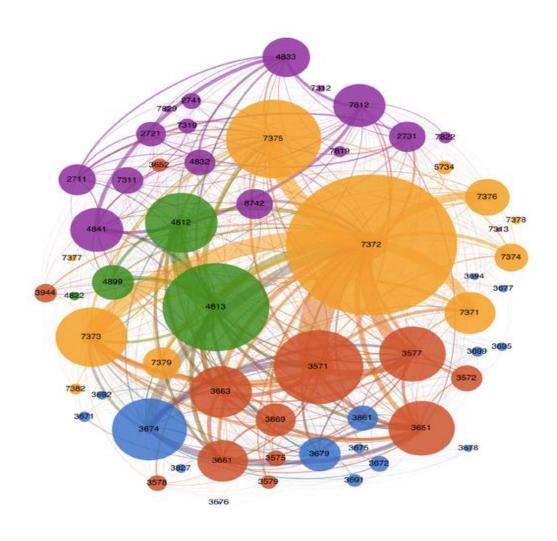
Radar **Units** January **60** February December 50 40 November 30 March 20 Trees 0 **Flowers** October April Bulbs Herbs September May August June July

Big Data

A graphic visualization of the mobile industry.

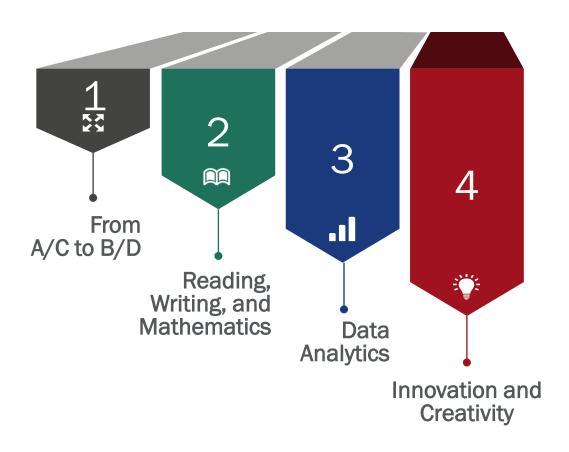
Source:

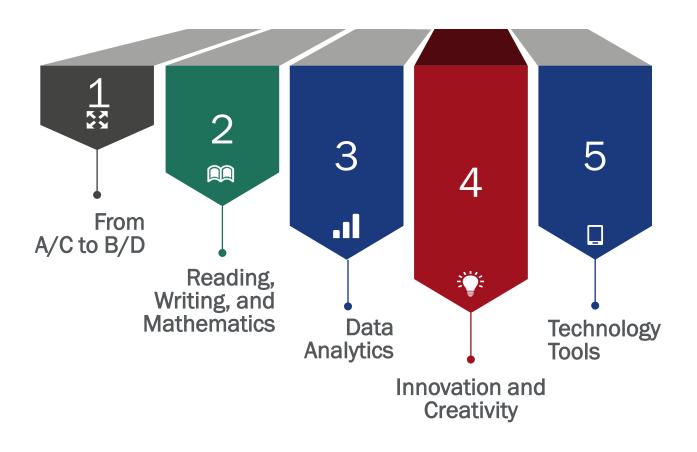
http://bits.blogs.nytimes.com/2014/09/20/making-big-data-think-bigger/?_r=0



DATA ANALYTICS IS INTERDISCIPLINARY

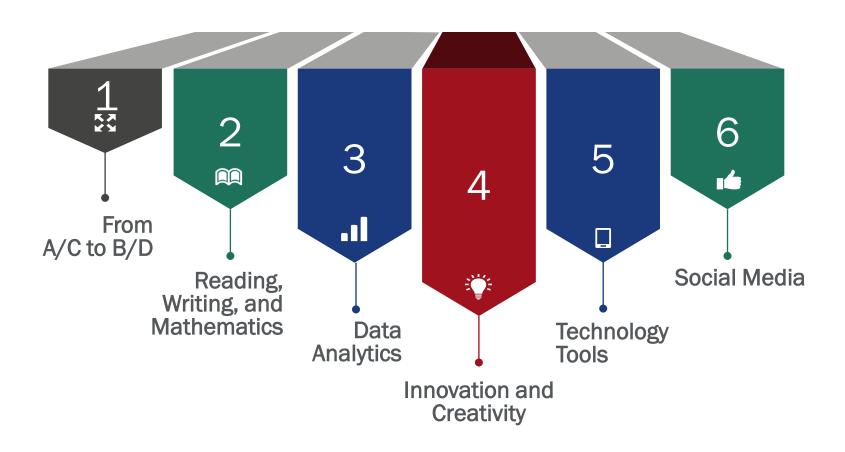
But that is not how we are organized, certified, tenured, or contracted.











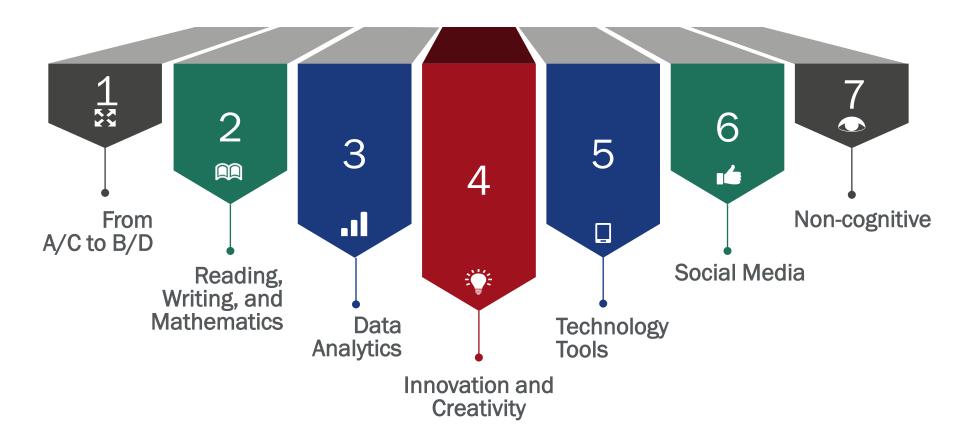
Social Issues



Sex Education

Drug Addiction

Social Media Education



Personal Skills

- Responsibility
- Contemplation
- Initiative
- Perseverance
- Optimism
- Courage

- Respect
- Compassion
- Adaptability
- Honesty
- Trustworthiness
- Loyalty

Fundamental Shift in Instruction

Fundamental Shift in Instruction

Open Educational Resources

Open Educational Resources



Scope and Sequence



Open Educational Resources



Text to Digital



Open Educational Resources



Text to Digital



Virtual to Augmented Reality

Google Cardboard





Augmented Reality





Open Educational Resources



Text to Digital



Virtual to Augmented Reality



Gamification





Engaging





Engaging

Personalized





Engaging

Personalized

Built on Growth Model



Tied to Standards



Open Educational Resources



Text to Digital







Virtual to Augmented Reality



Gamification

Florida, Michigan, Virginia and Alabama require one online course as a graduation requirement. Idaho requires two.



Open Educational Resources



Text to Digital



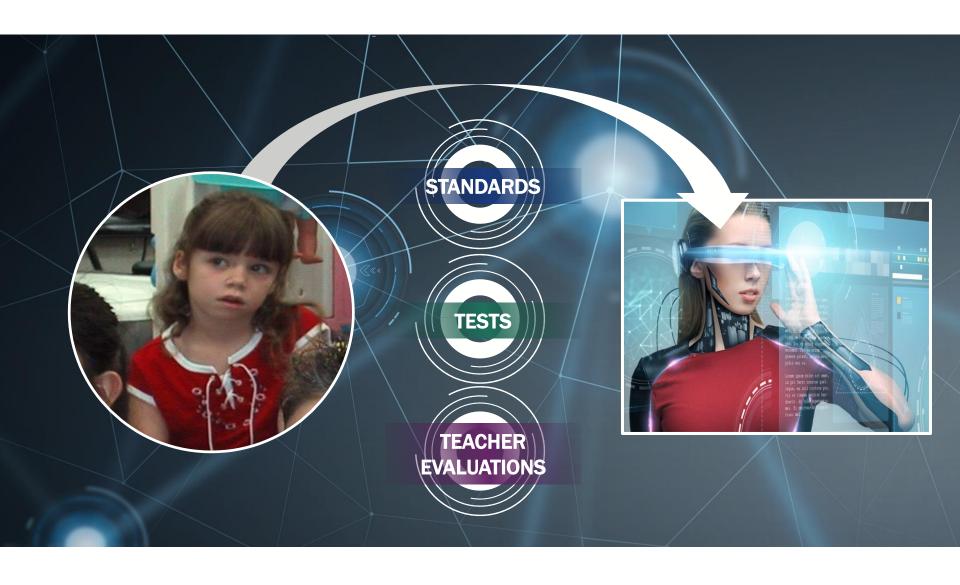




Virtual to Augmented Reality



Gamification



Let's help every teacher become successful at making all students all they are capable of being.

It all begins with the teacher.

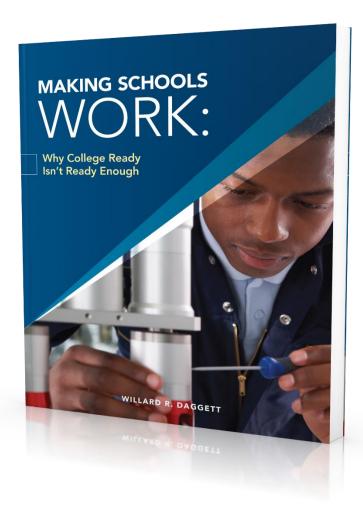


The achievement of RIGOR begins with RELATIONSHIPS and is anchored in RELEVANCE.



Let's help every teacher become successful at making all students all they are capable of being.

WHY-WHAT-HOW



Begin With the End in Mind

Foundation Learning

(Achievement in the core subjects of English language arts, math and science, and others identified by the school)

Foundation Learning

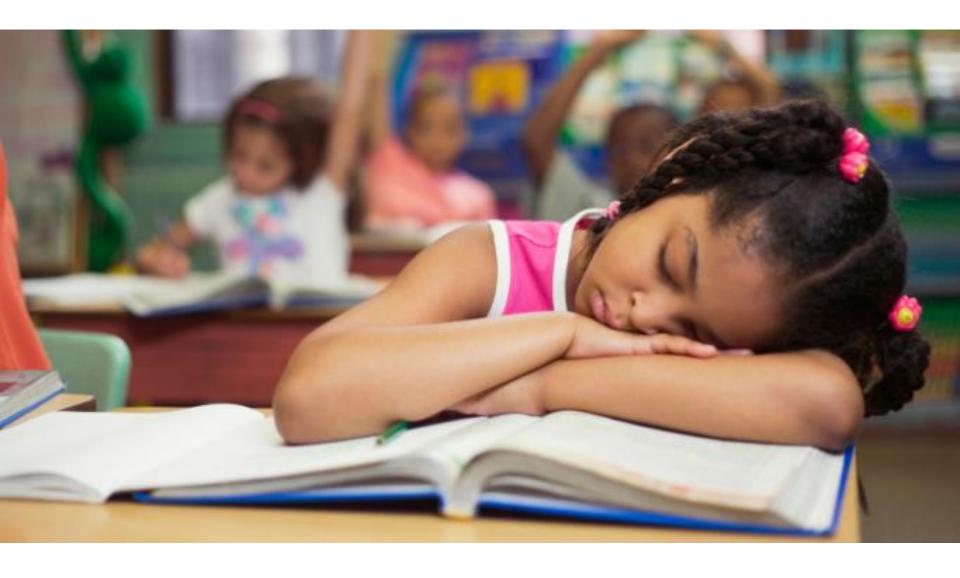
Stretch Learning

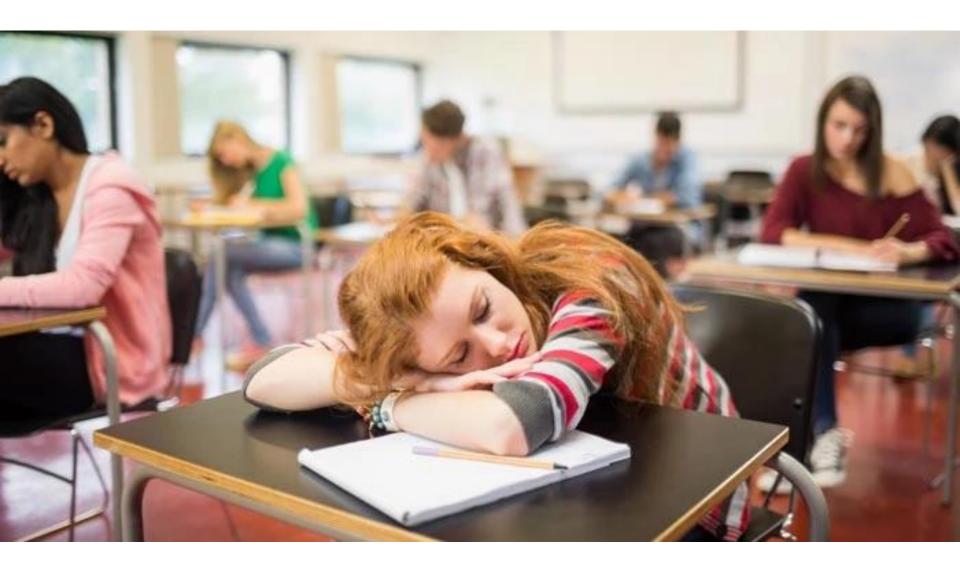
(Achievement in the core subjects of English language arts, math and science, and others identified by the school)

(Demonstration of rigorous and relevant learning beyond the minimum requirements)

Foundation Learner Stretch Learning Learning Engagement (The extent to which (Achievement in the (Demonstration of students are motivated core subjects of rigorous and relevant and committed to learning beyond the English language learning; have a sense minimum arts, math and of belonging and science, and others requirements) accomplishment; and identified by the have relationships with school) adults, peers, and parents that support learning)









Foundation	Stretch	Learner	Personal Skill
Learning	Learning	Engagement	Development
(Achievement in the core subjects of English language arts, math and science, and others identified by the school)	(Demonstration of rigorous and relevant learning beyond the minimum requirements)	(The extent to which students are motivated and committed to learning; have a sense of belonging and accomplishment; and have relationships with adults, peers, and parents that support learning)	(Measures of personal, social, service, and leadership skills and demonstrations of positive behaviors and attitudes)

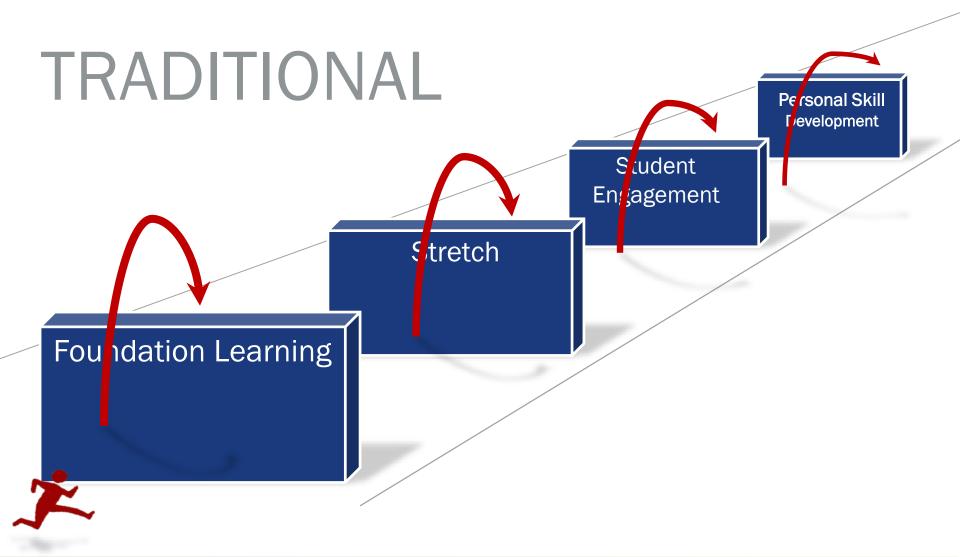
Personal Skills

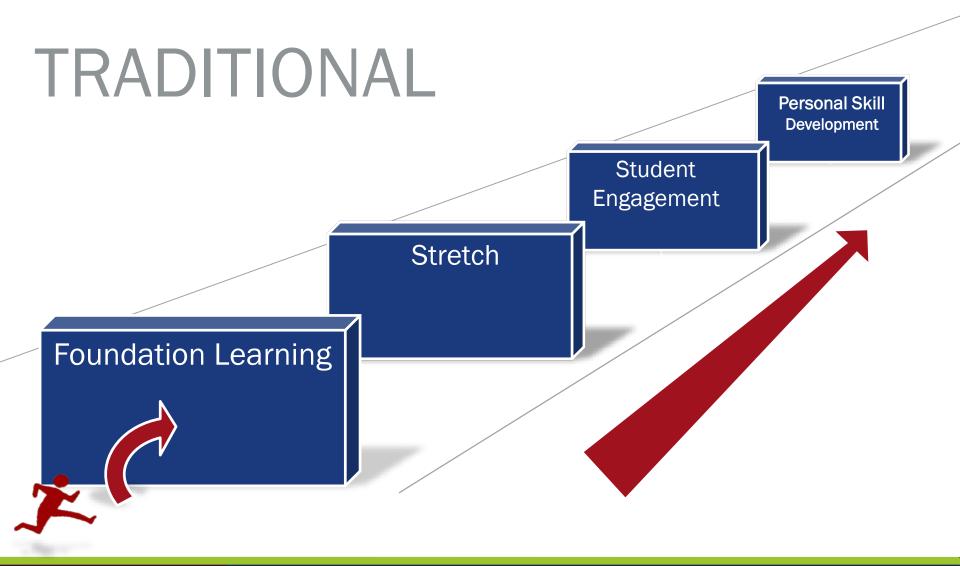
- Responsibility
- Contemplation
- Initiative
- Perseverance
- Optimism
- Courage

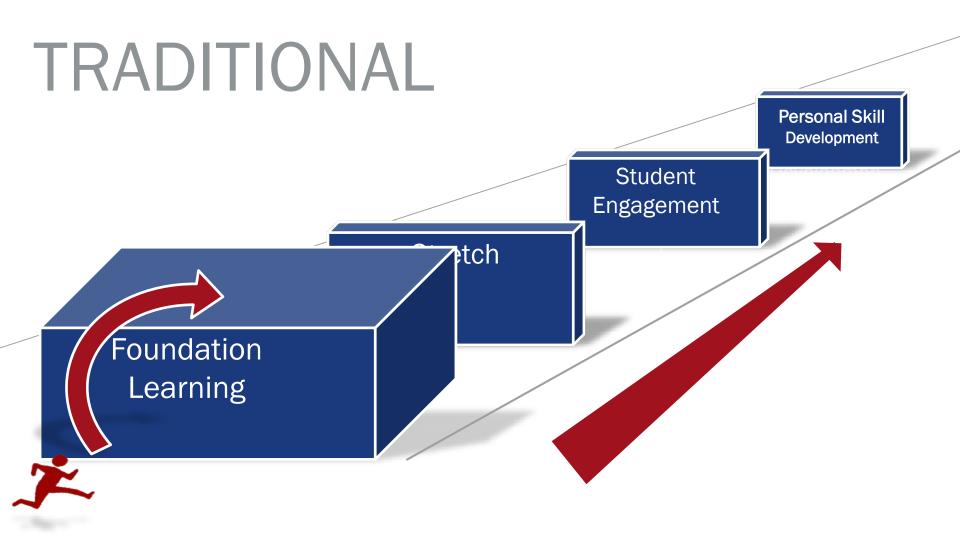
- Respect
- Compassion
- Adaptability
- Honesty
- Trustworthiness
- Loyalty

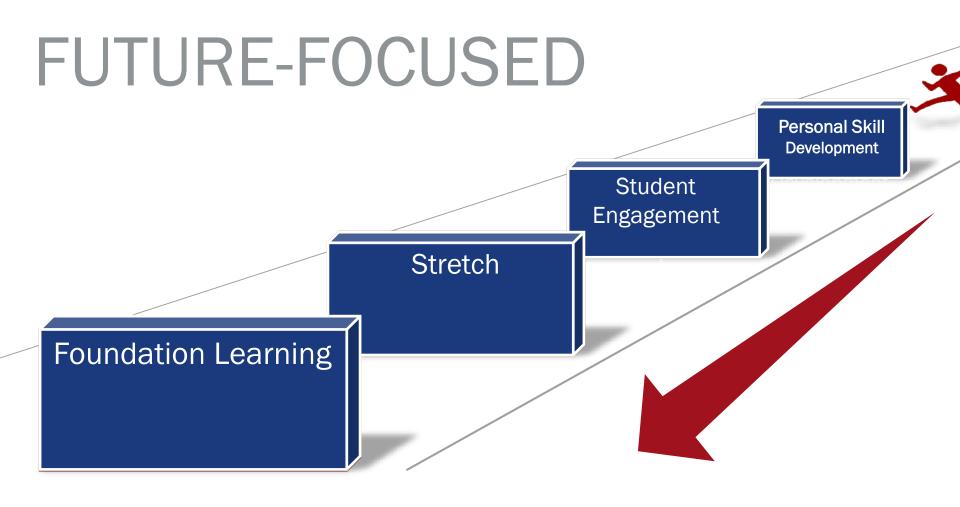


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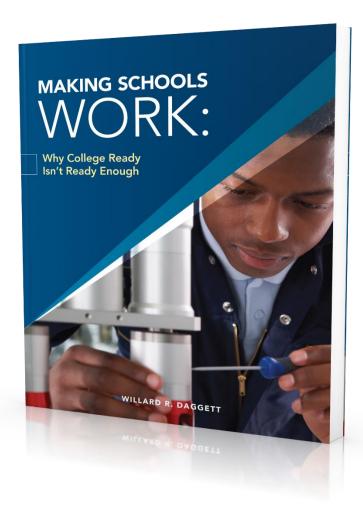










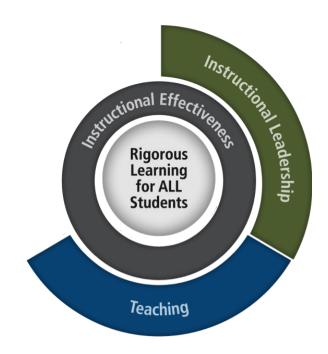


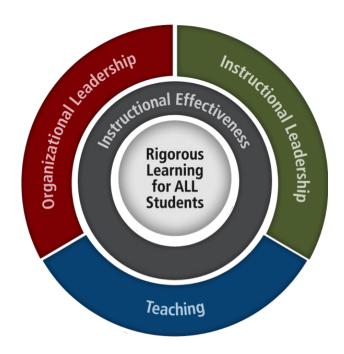
Systemwide

Rigorous Learning for ALL Students









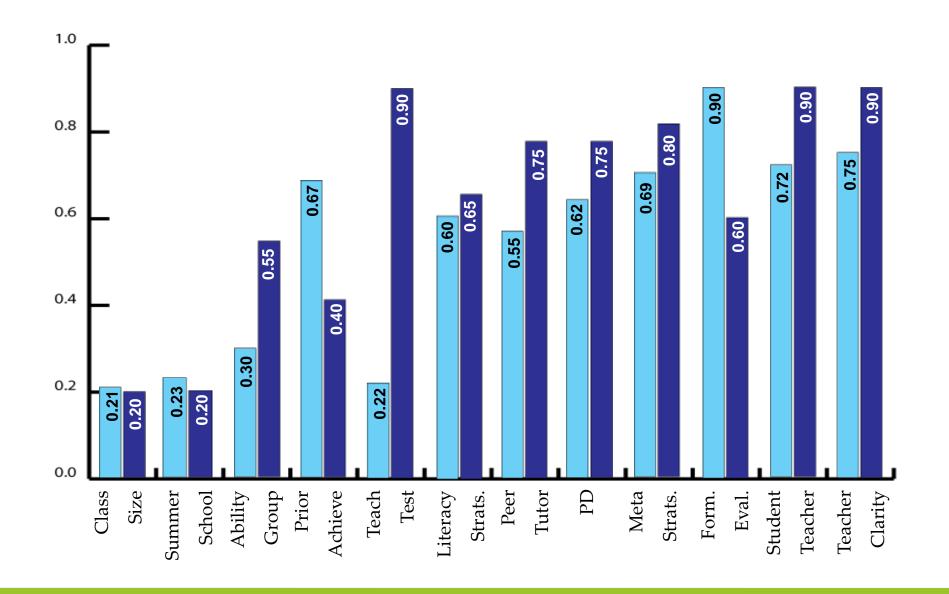
Focus



Hattie's Research

Focus





Greatest Impact

Culture of
High
Expectations

Relevance of Instruction

Strong Relationships

Findings

Teachers are our greatest hope



20-Day Plan











Life Expectancy

Birth	Female	Male
1950	71.1	65.6
1960	73.1	66.6
1970	74.7	67.1
1980	77.4	70.0
1990	78.9	72.0
2000	79.5	73.9
2010	81.4	75.5

Source: International Monetary Fund

45 Million, Growing to 80 Million by 2030

Today's 30-year-old is yesterday's 20-year-old.

Retirement Savings - Less than \$10,000



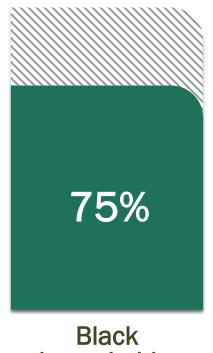
White households

Sources: *Time*, May 18, 2015 National Institute on Retirement Security

Retirement Savings - Less than \$10,000



households



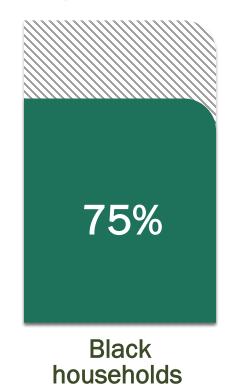
households

Sources: Time, May 18, 2015 National Institute on Retirement Security

Retirement Savings - Less than \$10,000



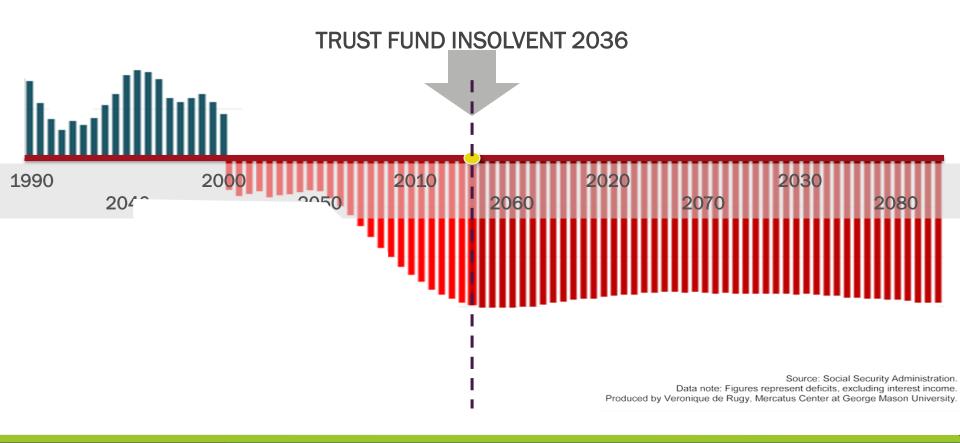
households



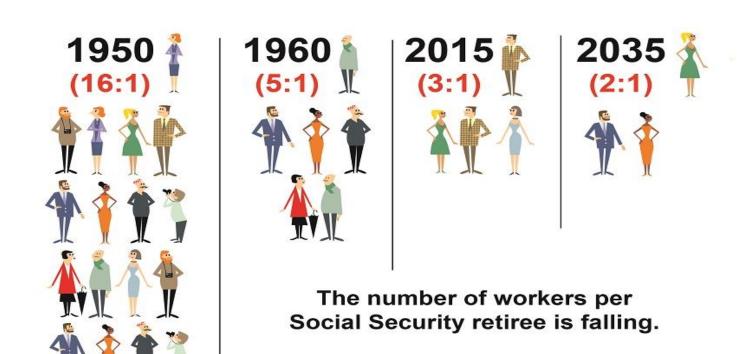


Sources: *Time*, May 18, 2015 National Institute on Retirement Security

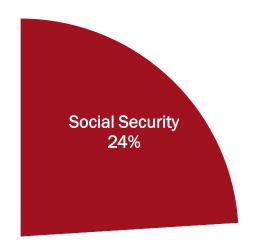
Social Security Solvency

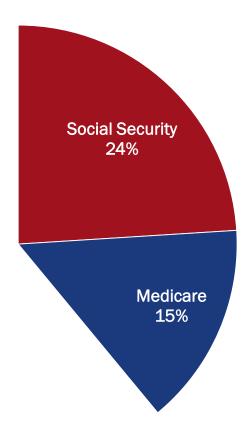


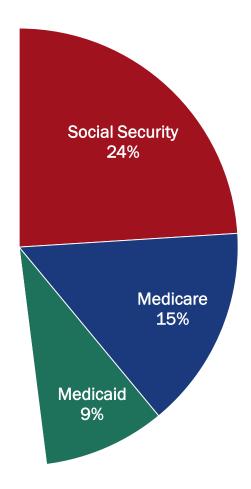
The Population is Aging

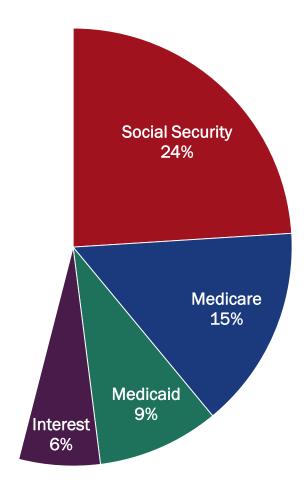


Source: 2016 Social Security Trustees Report

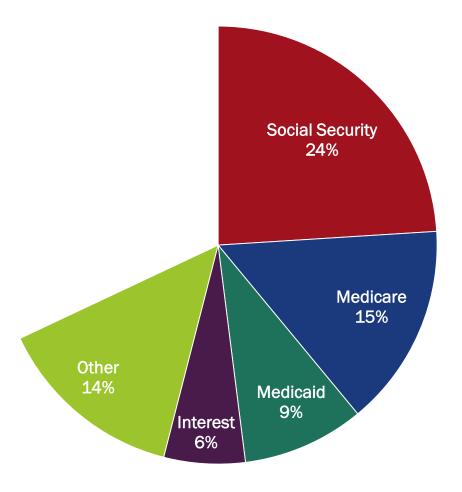




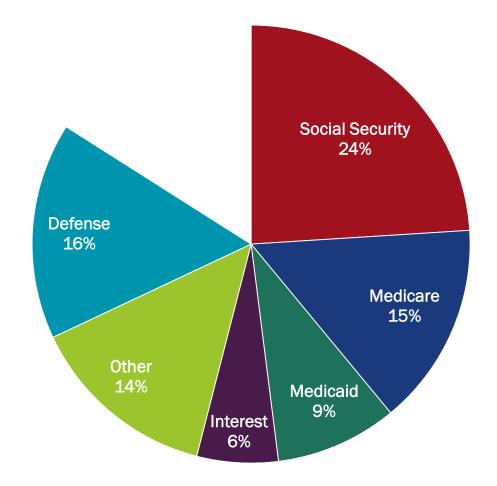




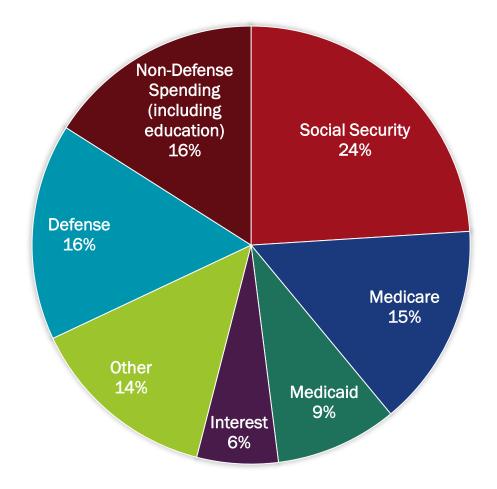
Federal Budget



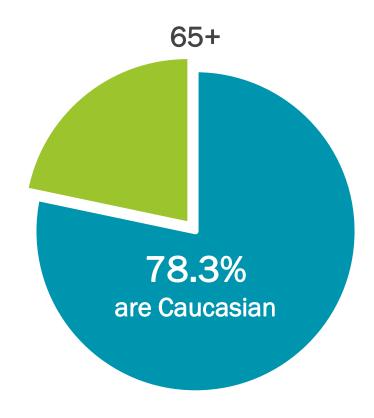
Federal Budget



Federal Budget

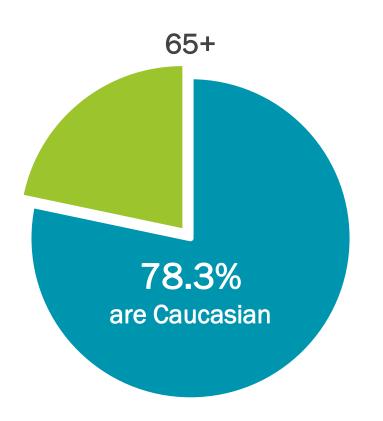


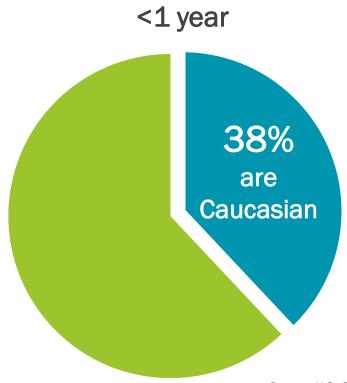
Changing Demographics



Source: U.S. Census Bureau

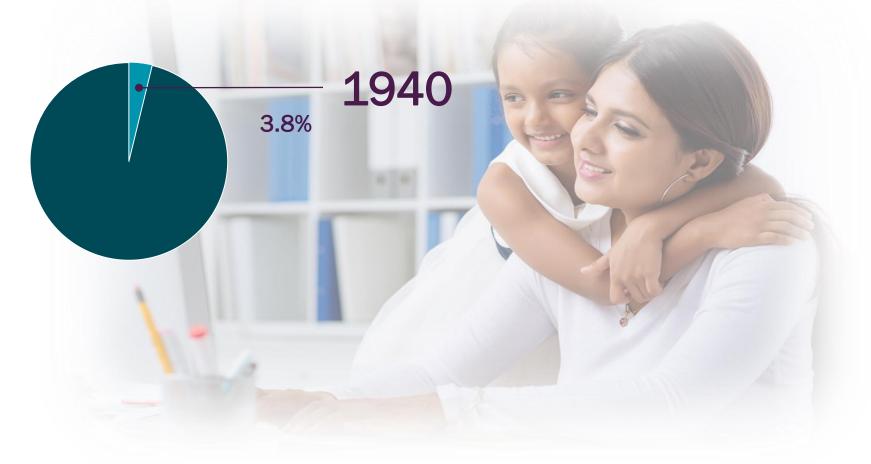
Changing Demographics





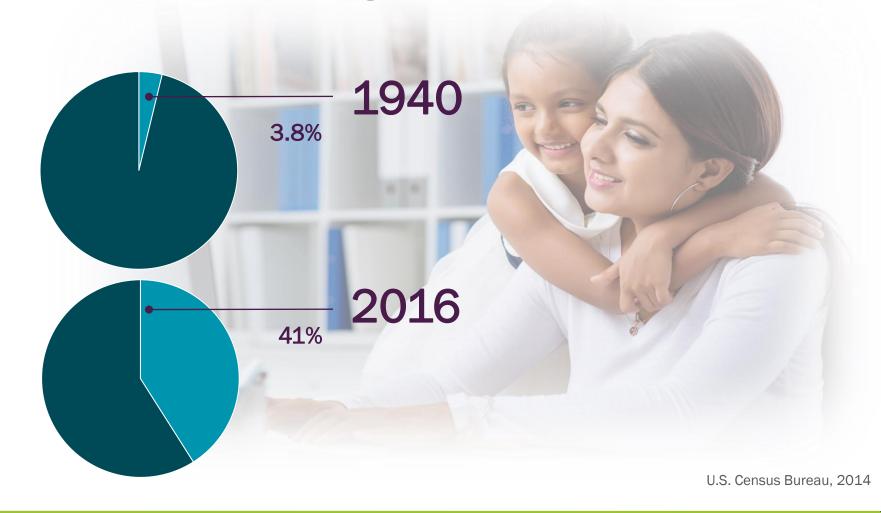
Source: U.S. Census Bureau

Children born to single parents



U.S. Census Bureau, 2014

Children born to single parents



Over 50% of public school students qualify for free and reduced lunch.

1 in 5 speak a language other than English at home.

Nearly 1 in 4 are foreign born or have a parent who is.

80% of public school teachers are white.



Source: America's Schools are Majority-Minority. Now What? State.com 5. June 2016

Create a Culture

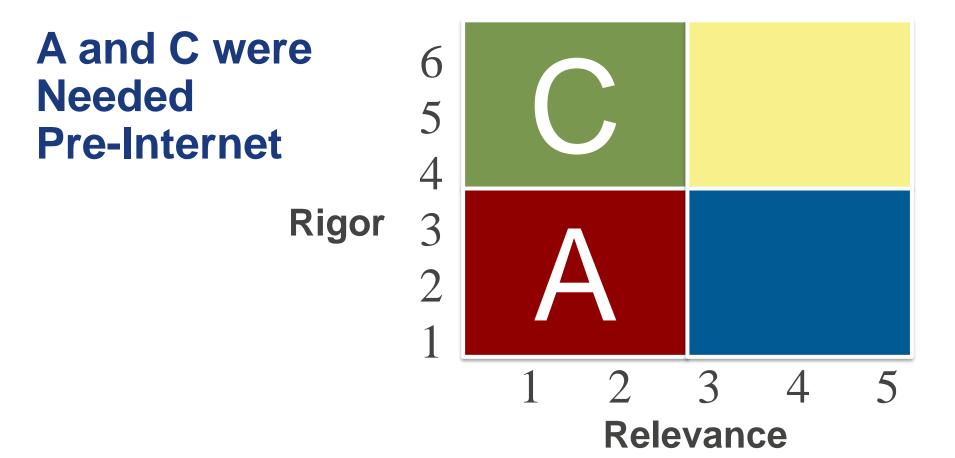
Make it personal.

Keep it simple.

It is a journey, not an event.







B and D are Required in the **Internet Age** Rigor Relevance

Regulated, Certified, Tenured, Rigor and Contracted Relevance



Organizational Changes

Looping

Organizational Changes

Looping

Department Chairs

Organizational Changes

Looping

Department Chairs 9th Grade Electives



Leadership is NOT a Position.

1/3

Executive Coaching







Actionable Data

Survey Tools

for Measuring What Matters

We Learn™

Student Survey

We Teach™

Instructional Staff Survey

We Lead™

Whole Staff Survey

We Succeed™

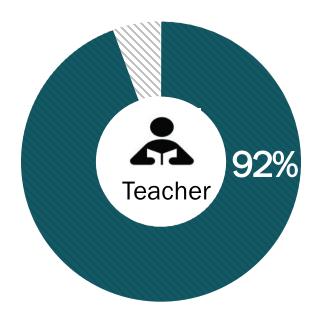
Student Survey

We Inspire™

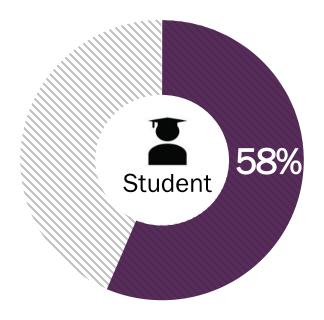
Instructional Staff Survey

We Support™

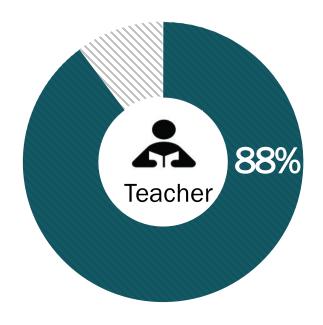
Parent/Community Survey



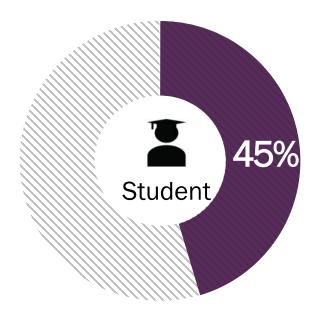
Students can apply what I am teaching to their everyday lives.



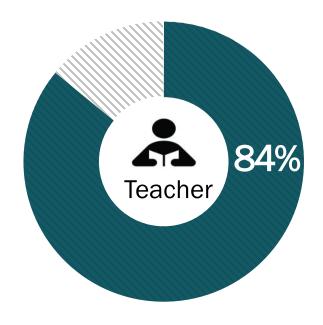
I can apply what I learn to my everyday life.



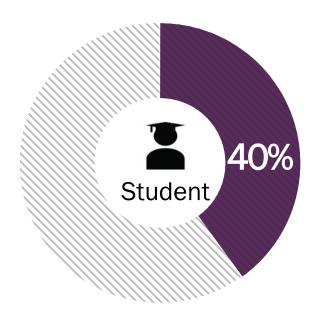
Students in my classroom engage in hands-on activities.



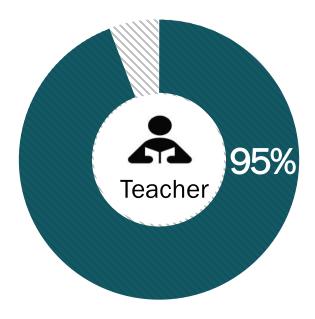
We do lots of hands-on activities in my classes.



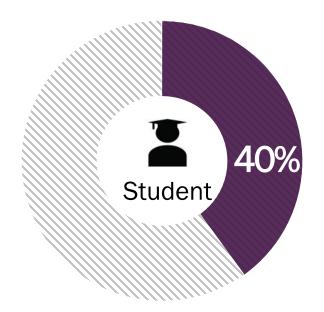
I make learning exciting for my students.



My teachers make learning exciting.



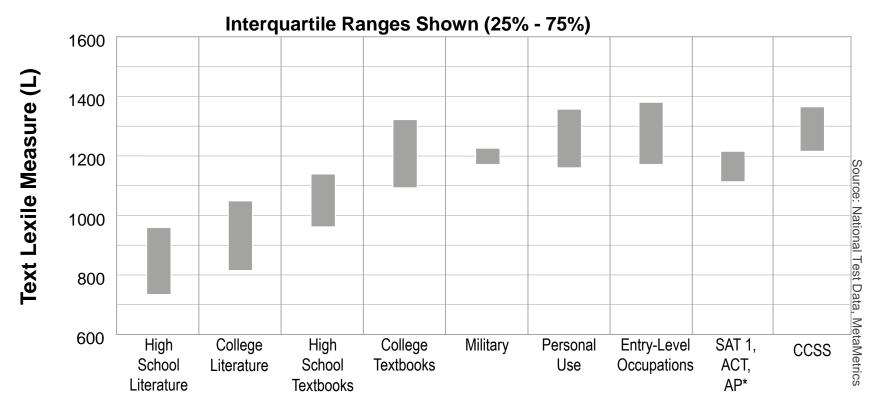
I recognize students when they demonstrate positive behavior in school.

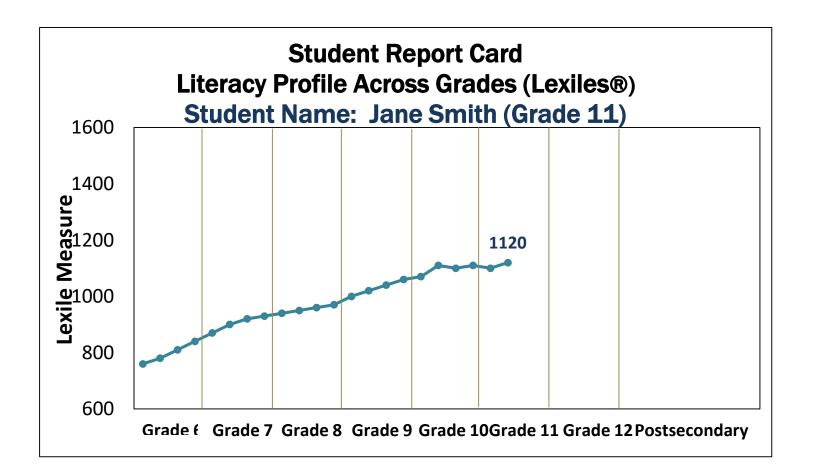


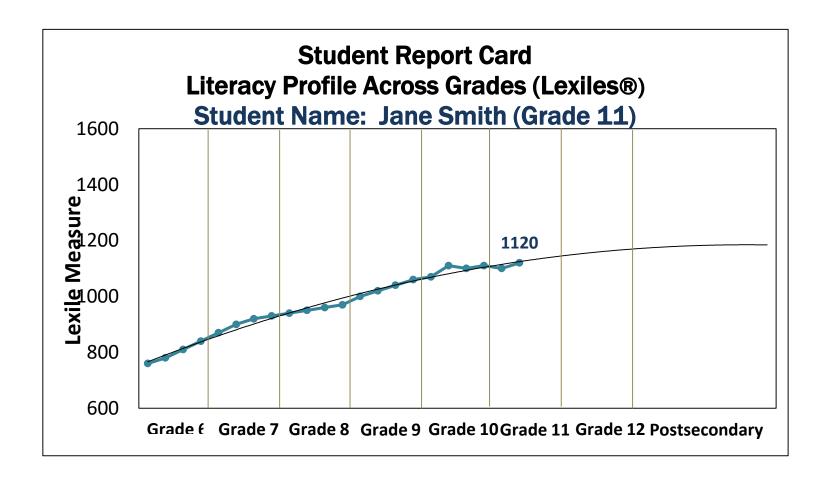
Good citizenship is rewarded in this school.

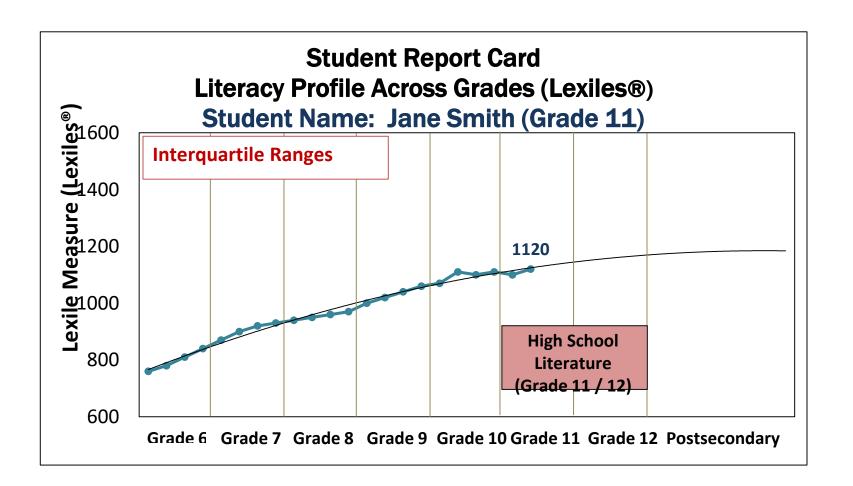
Student Profile

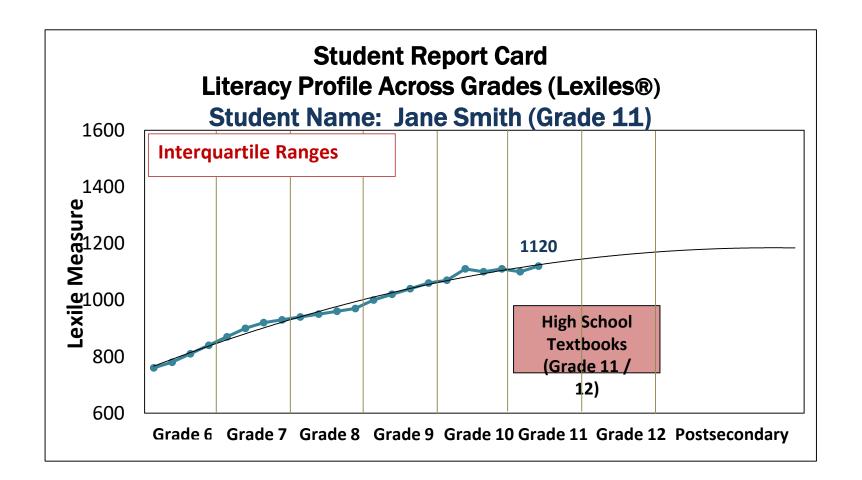
Reading Study Summary

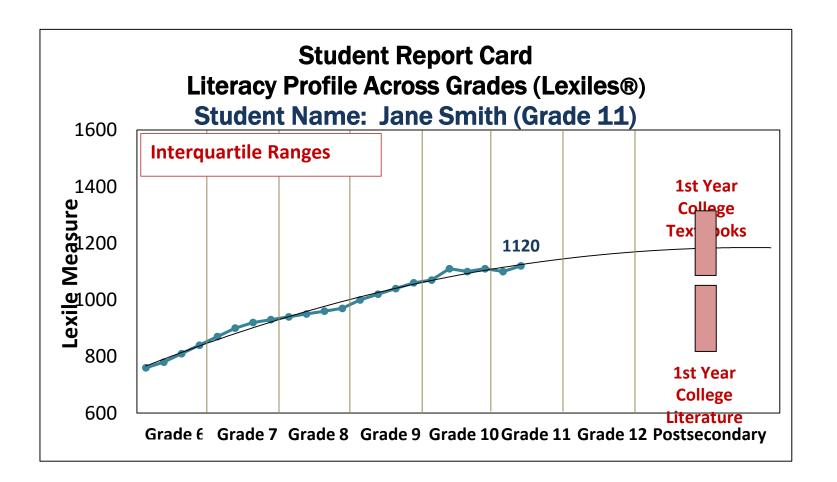


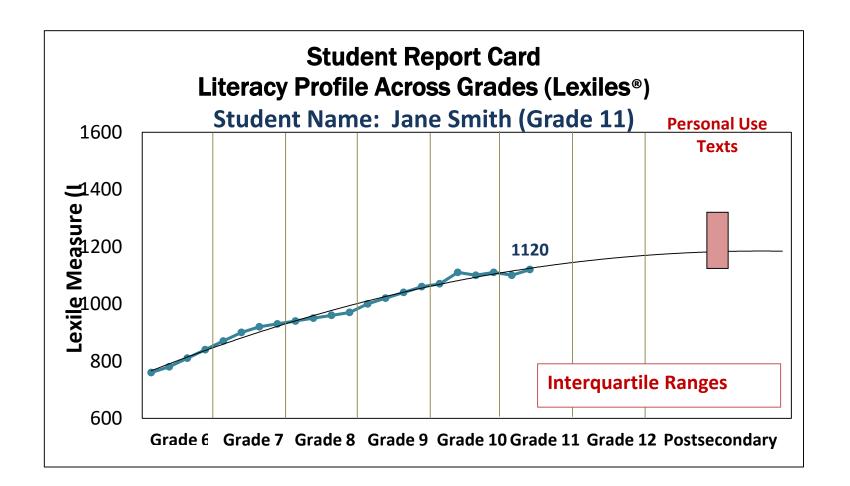


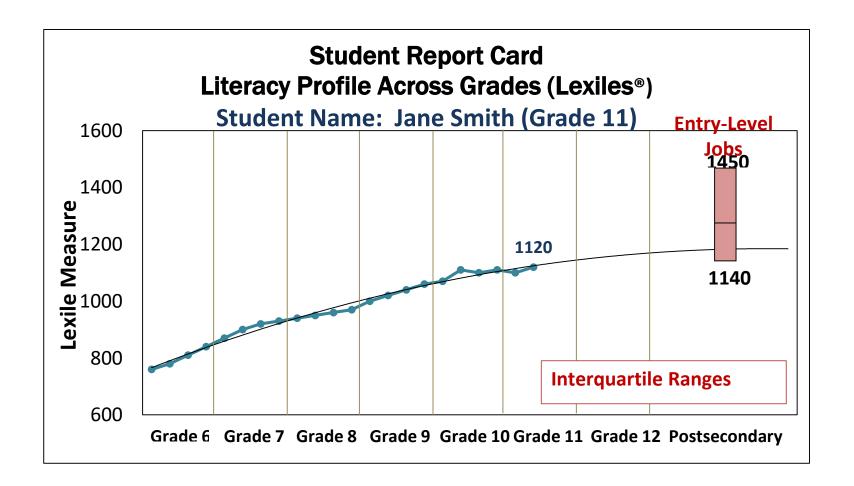










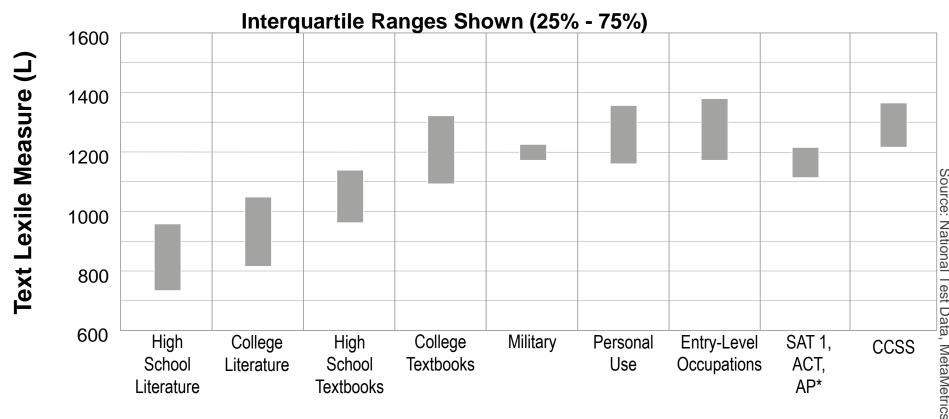


Student Literacy Profile

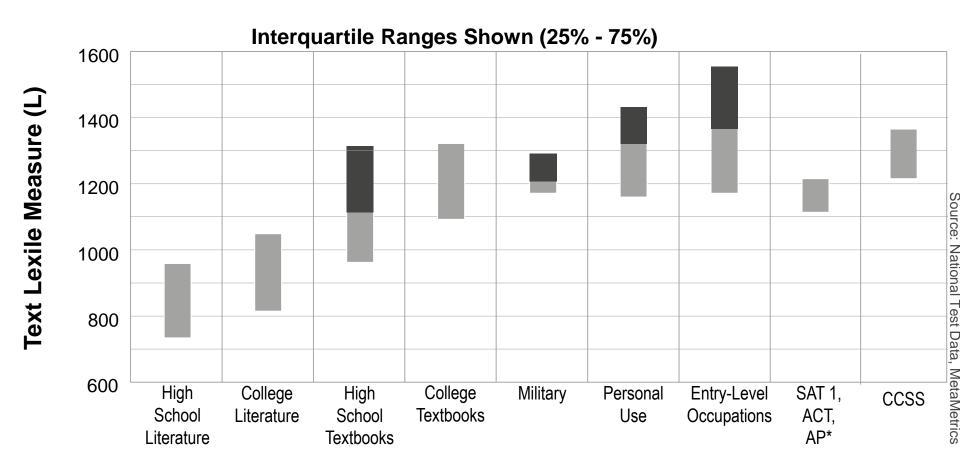
#MODELSCHOOLS



Reading Study Summary



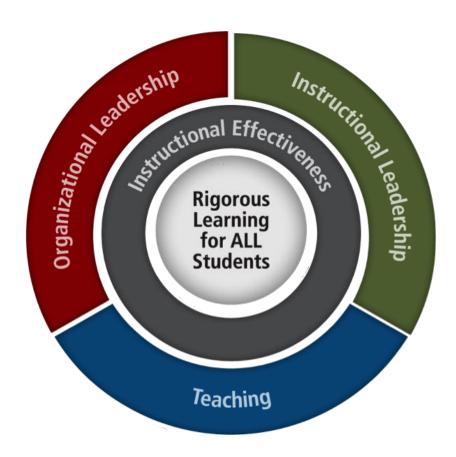
Reading Study Summary



Instructional Practice Review

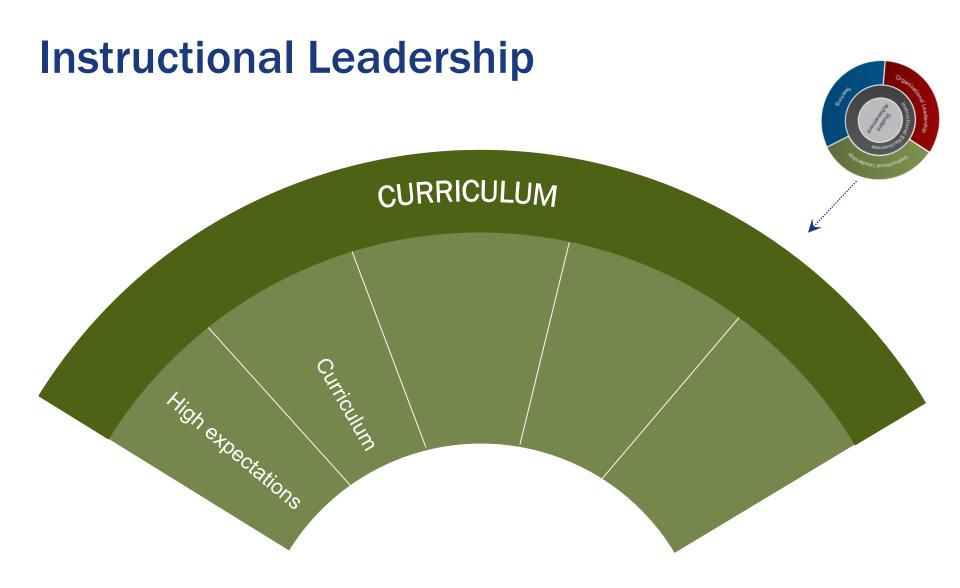
#MODELSCHOOLS



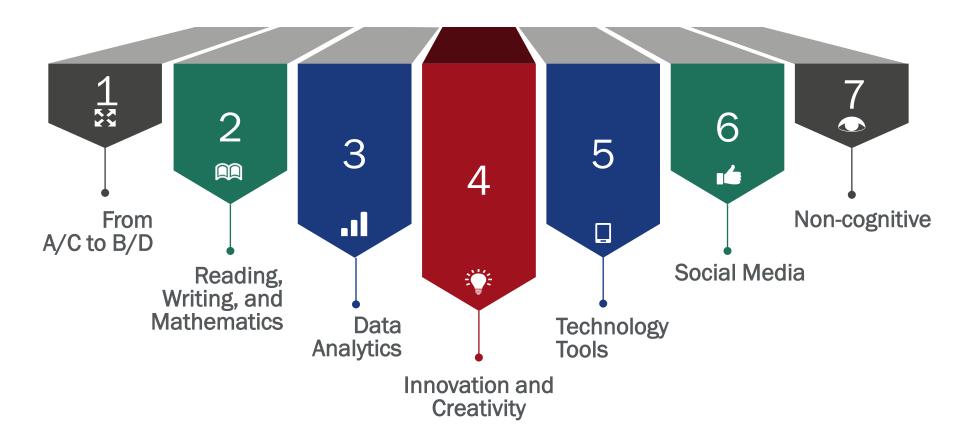


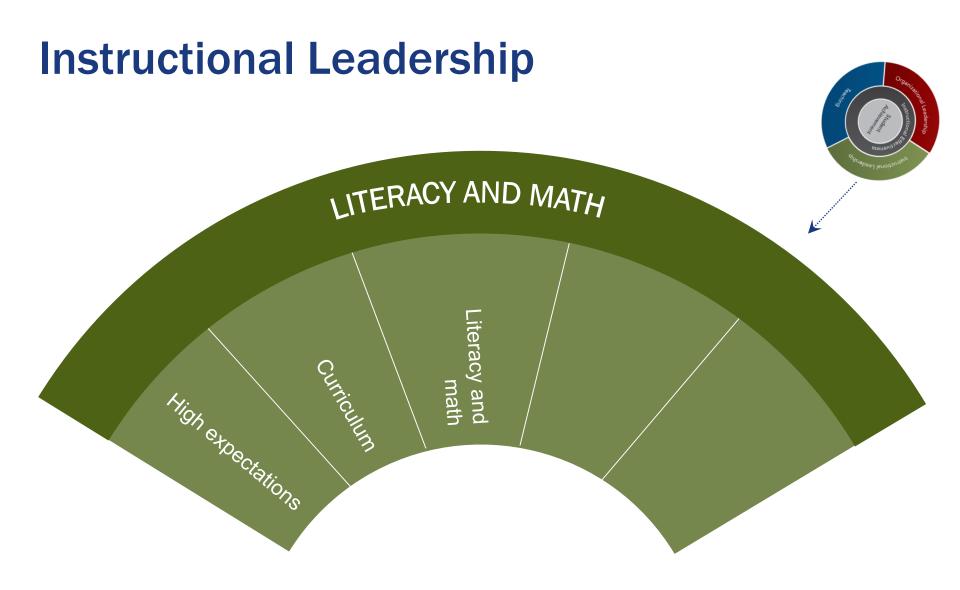


Do not confuse a lot of expectations with high expectations.

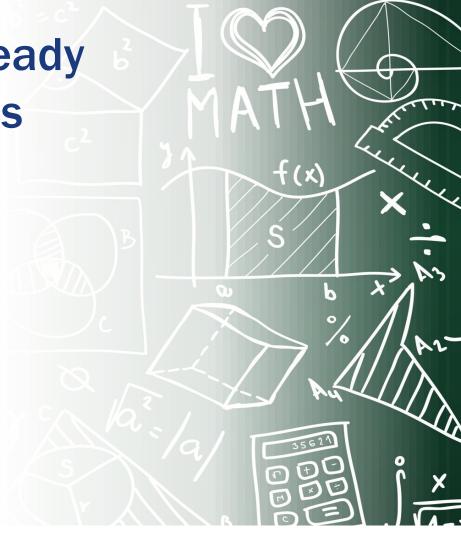


Seven Interrelated Fundamental Shifts



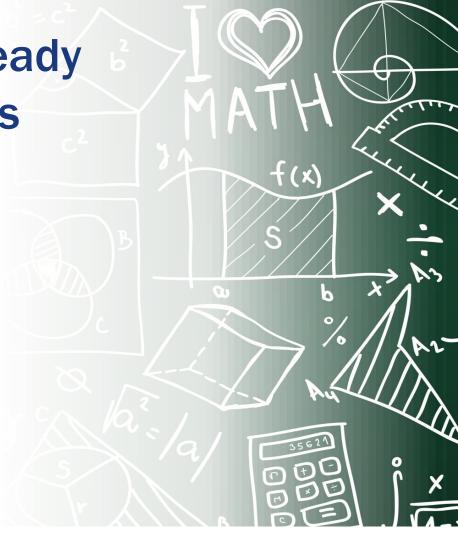


Always in Beta

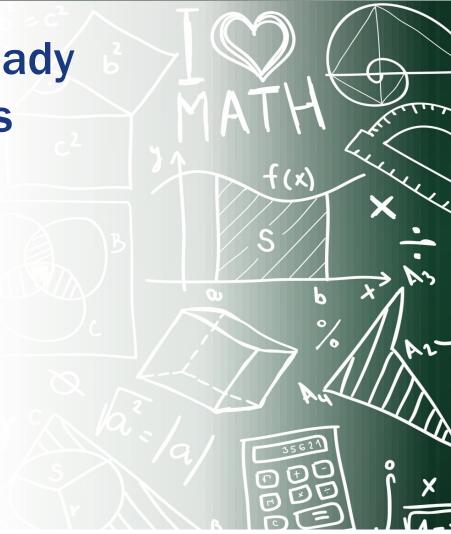


Existing Curriculum

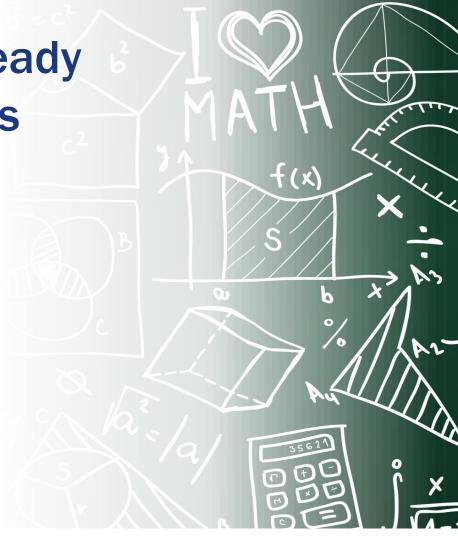
Algebra I



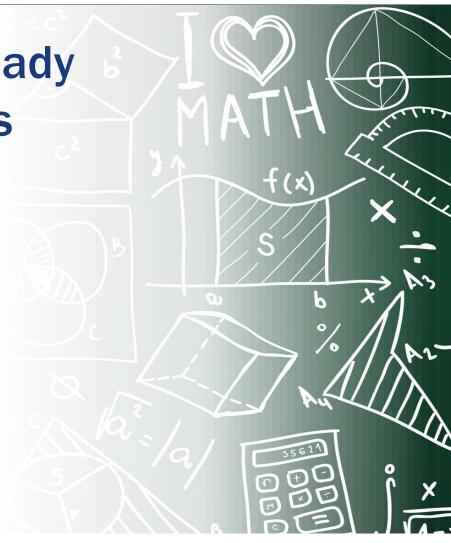
- Algebra I
- Geometry



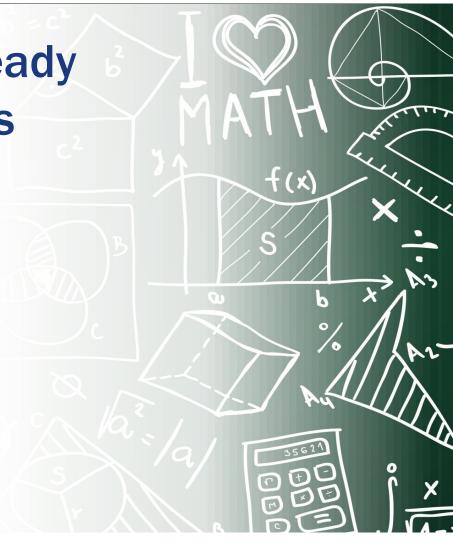
- Algebra I
- Geometry
- Algebra II



- Algebra I
- Geometry
- Algebra II
- Pre-Calculus



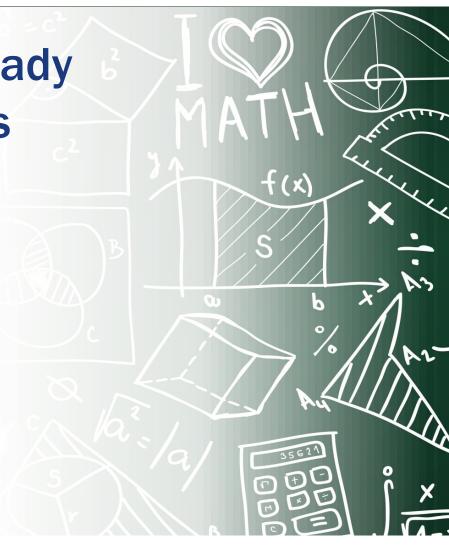
- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus



Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce



Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

Workplace Ready

Proportional Relationships

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions
 - Expressions

Existing Curriculum

- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions
 - Expressions
 - Equations

Mastery of middle school math at the Quad B/D levels

Existing Curriculum

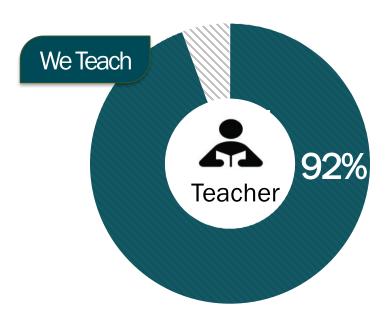
- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Calculus

5% of the U.S. Workforce

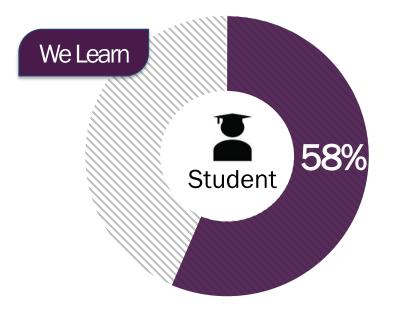
- Proportional Relationships
 - Percentages
 - Graphical Representations
 - Functions
 - Expressions
 - Equations



Teacher vs. Student Comparison

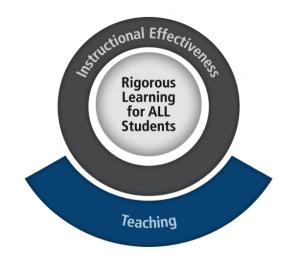


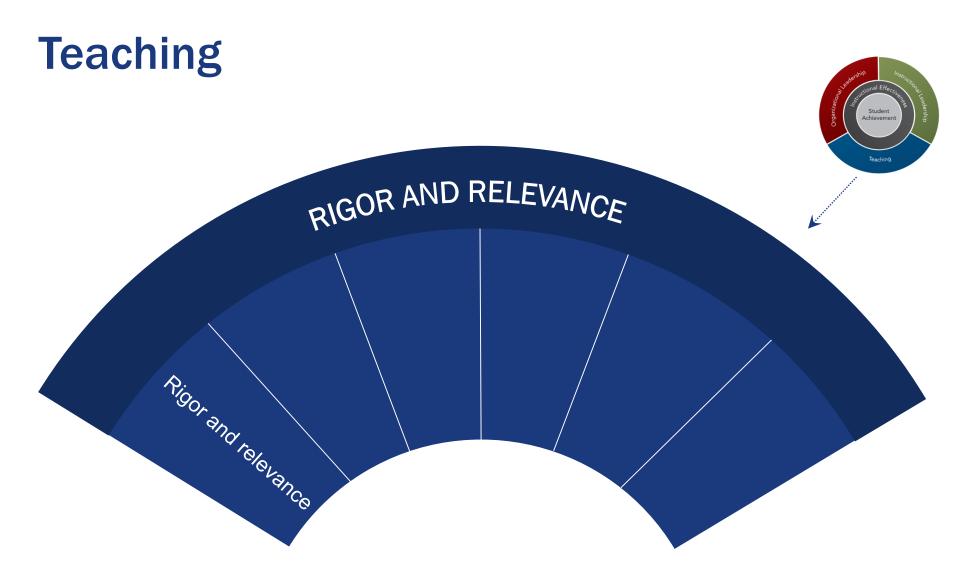
Students can apply what I am teaching to their everyday lives.



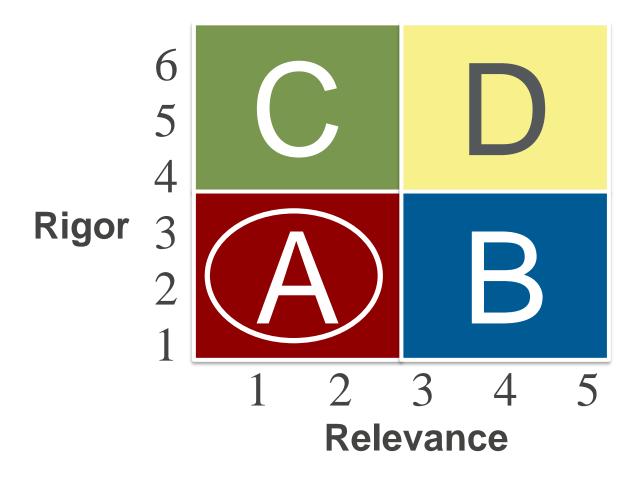
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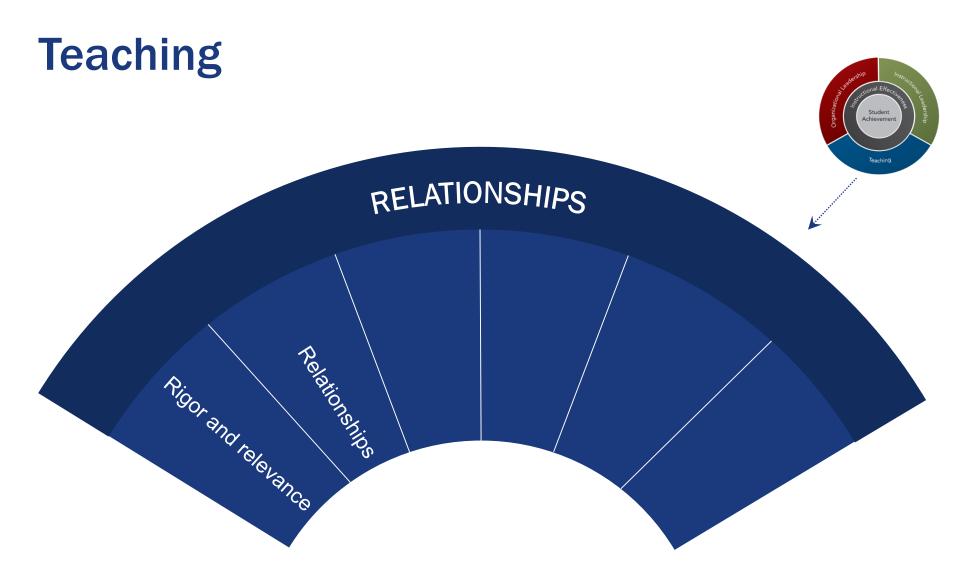






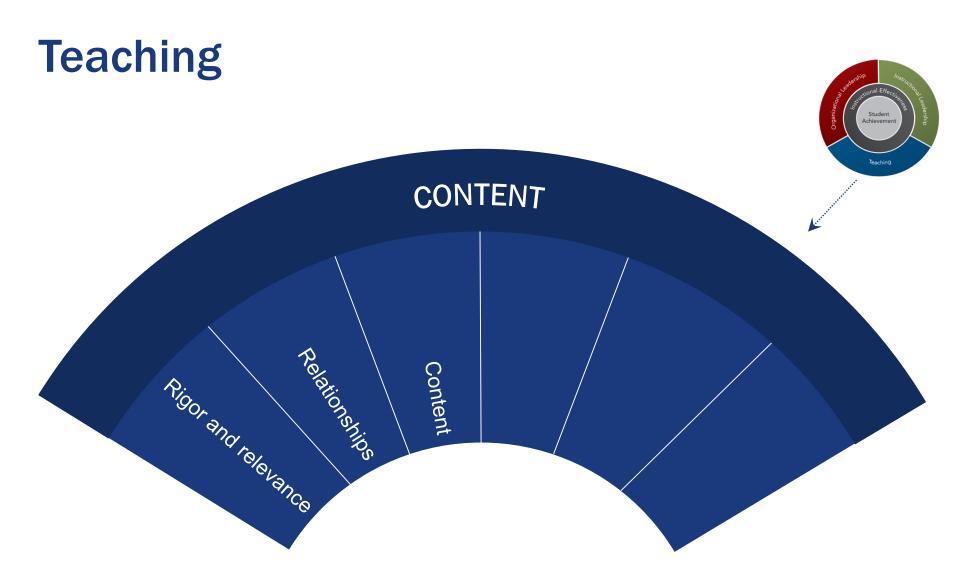
Levels

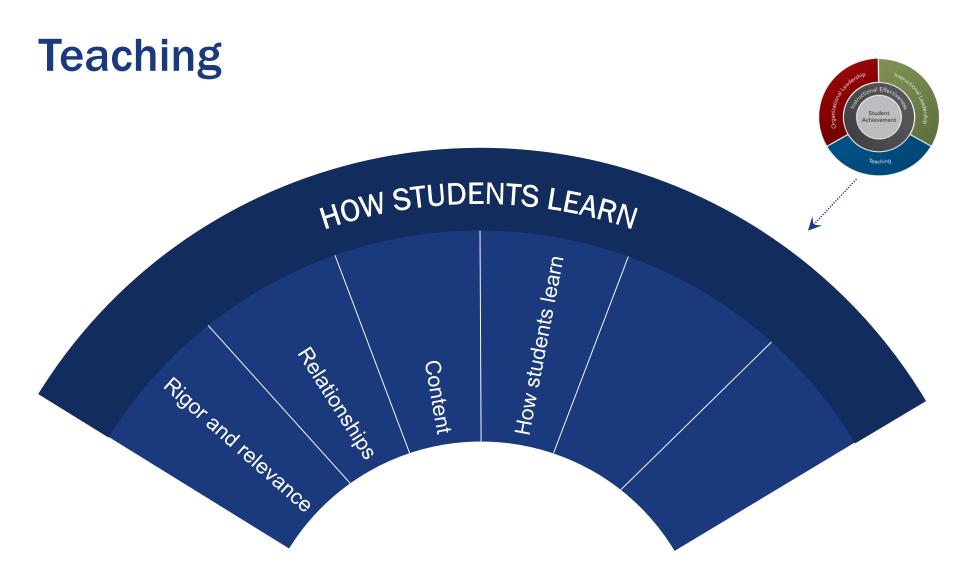


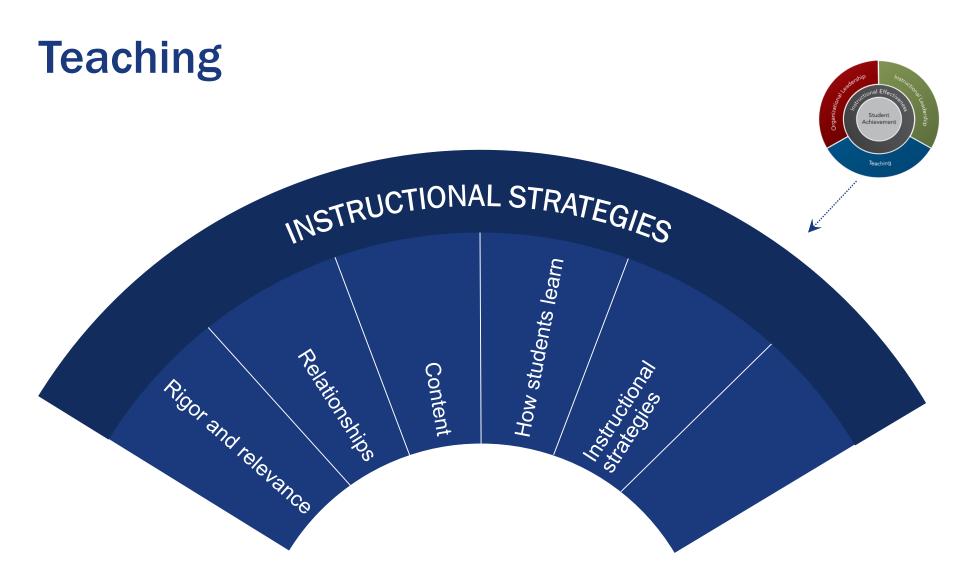












Students know technology but not necessarily how it can support learning.









Engaging





Engaging

Personalized





Engaging

Personalized

Built on Growth Model



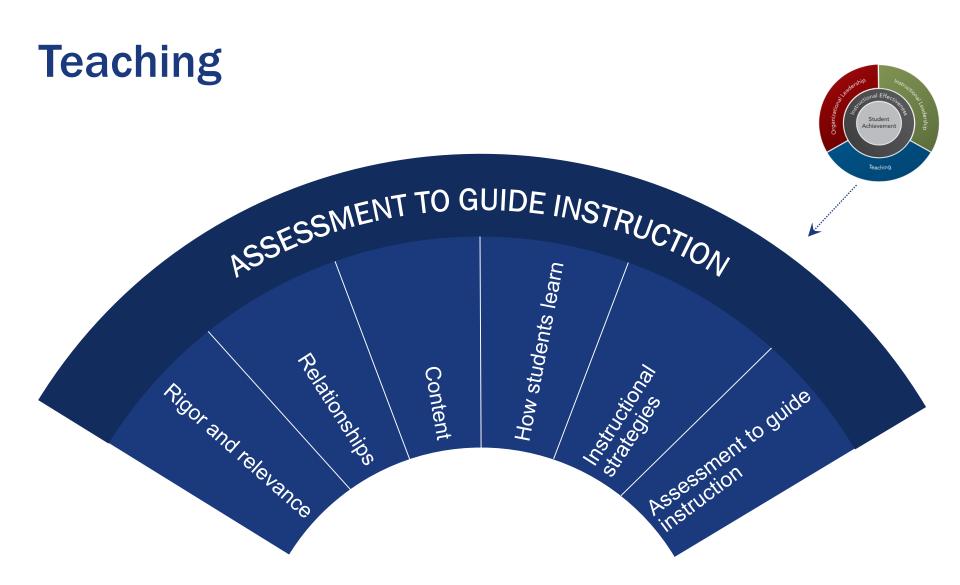


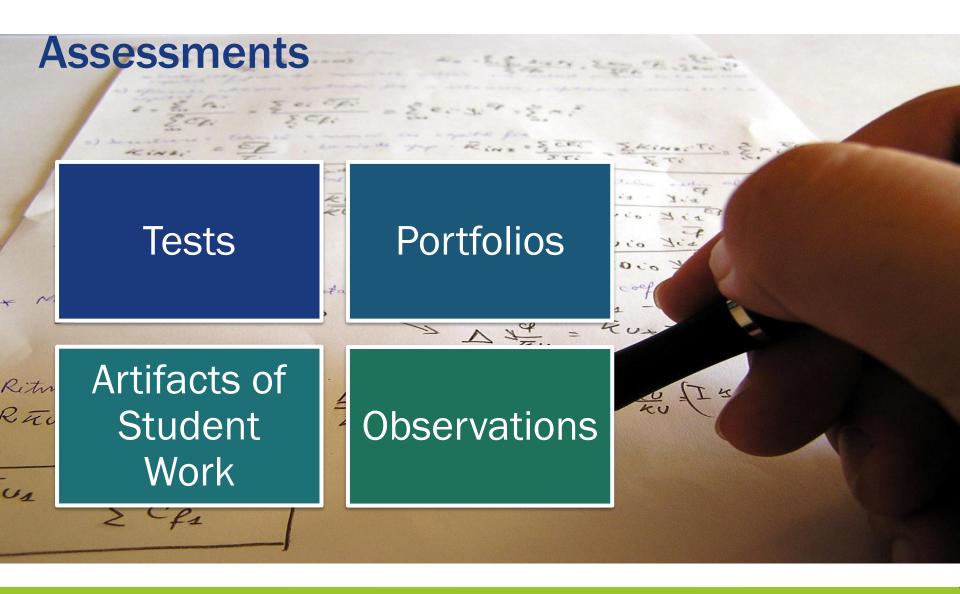
Engaging

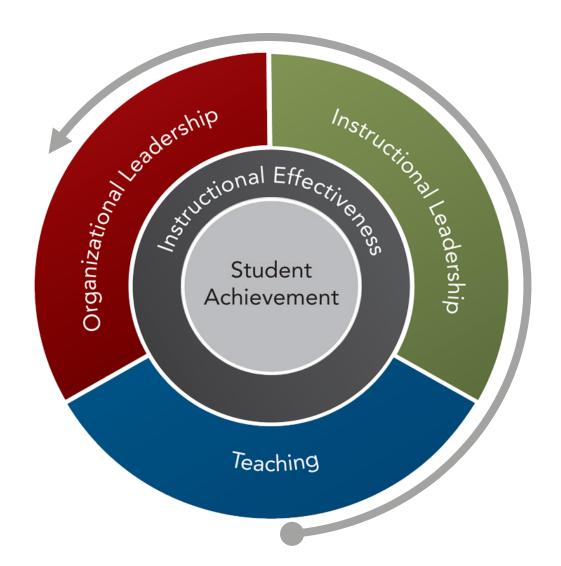
Personalized

Built on Growth Model

Tied to Standards







Recommendations



Create 20-Day Plans



Create 20-Day Plans



Create a Culture – Establish a Vision



Create 20-Day Plans

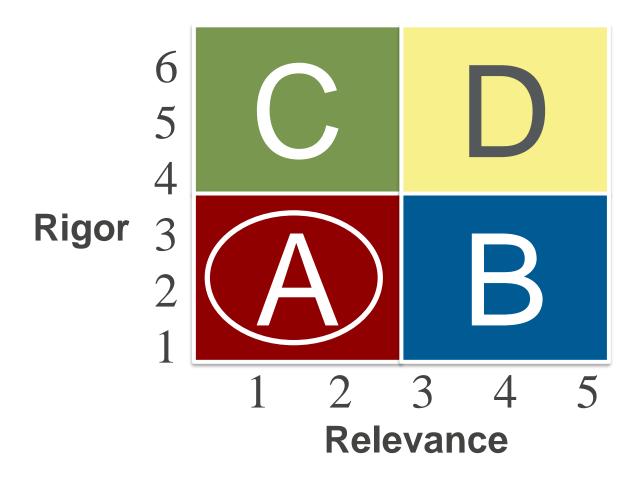


Create a Culture – Establish a Vision



Quad D[™] Instruction

Levels





Create 20-Day Plans



Create a Culture – Establish a Vision

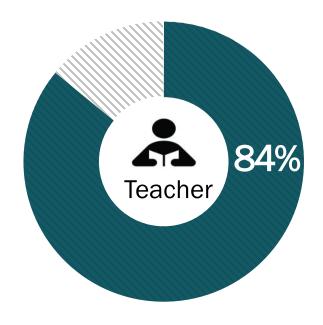


Strive toward Quad D™ Instruction

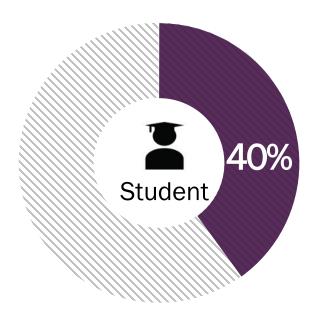


Measure What Matters

Teacher vs. Student Comparison



I make learning exciting for my students.



My teachers make learning exciting.



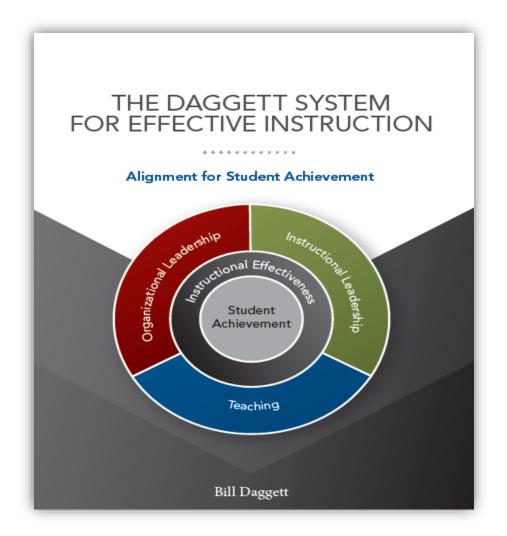
Professional Learning



Professional Learning



Leadership Development/Executive Coaching



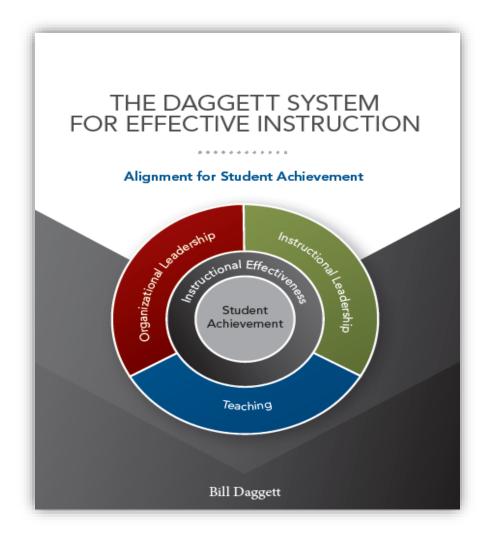
SHARE YOUR FEEDBACK!

Through the APP or

https://tinyurl.com/n57tofo

Or QR Code





1 Standard Deviation

Students do better than 84% of students not in that initiative.



1 Standard Deviation

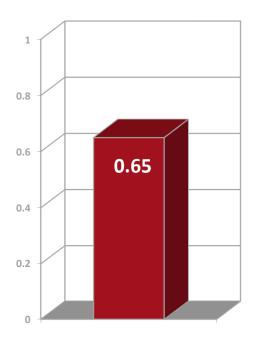
Students do better than 84% of students not in that initiative.

Typically represent 2 years growth in 1 year



Application of Knowledge

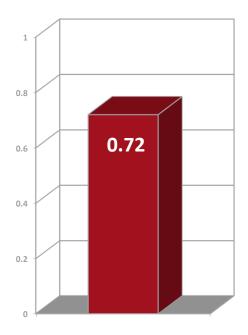
Effective



.65 SD = 1.30 Years Growth per Year

Student-Teacher Relationship

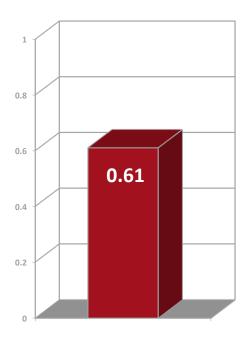
Effective



.72 SD = 1.44 Years Growth per Year

Literacy Strategies

Effective



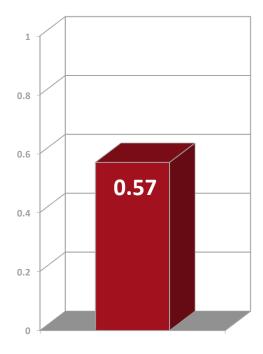
.61 SD = 1.22 Years Growth per Year

Focus

What is effective?
What can you impact?

Socioeconomic Status

Effective





You Cannot Change Where YOUR STUDENTS CAME FROM

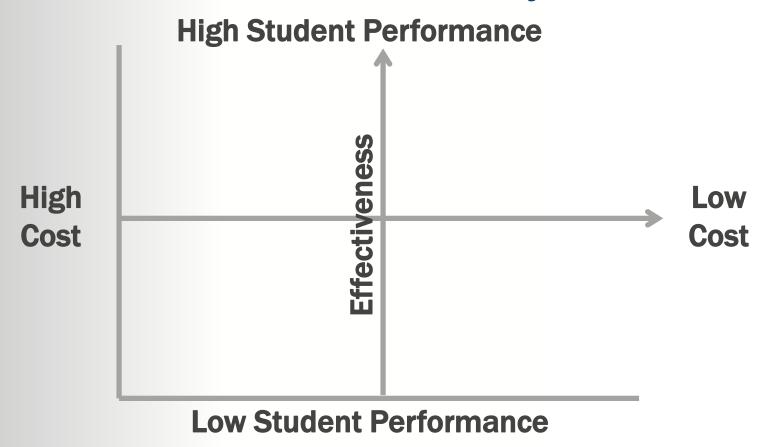
However

You Can Change Where YOUR STUDENTS ARE GOING

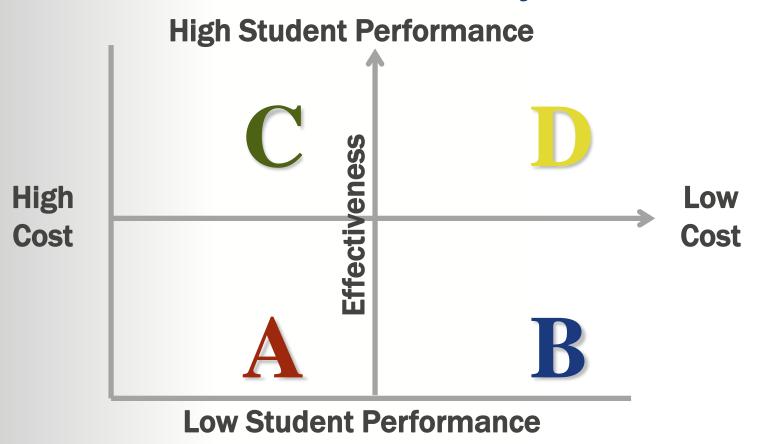
Effectiveness and Efficiency Framework



Effectiveness and Efficiency Framework

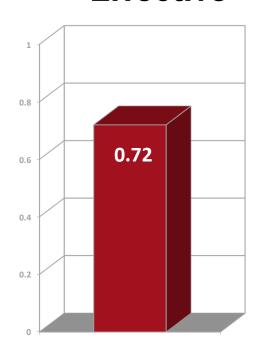


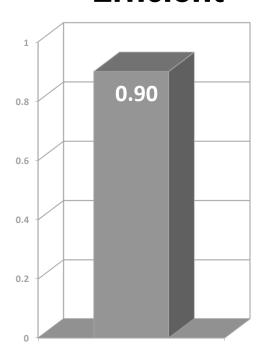
Effectiveness and Efficiency Framework



Student-Teacher Relationship

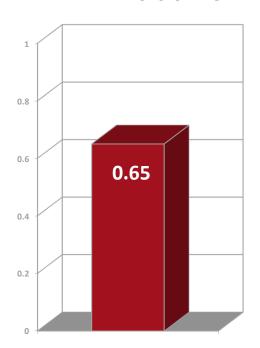
Effective

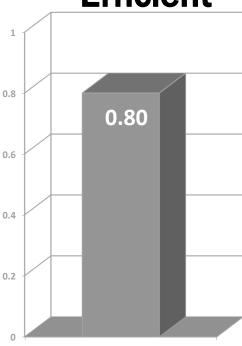




Application of Knowledge

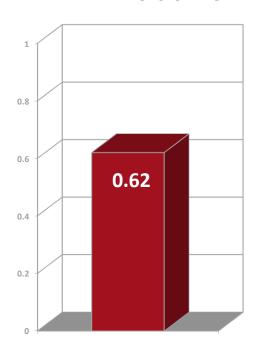
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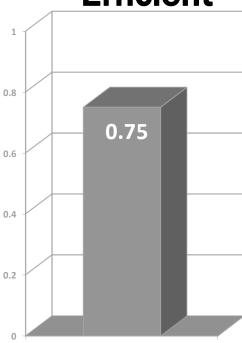




Professional Development

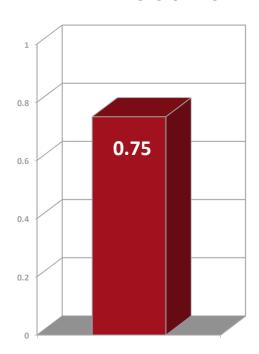
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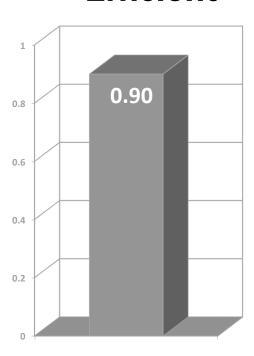




Teacher Expectations and Clarity

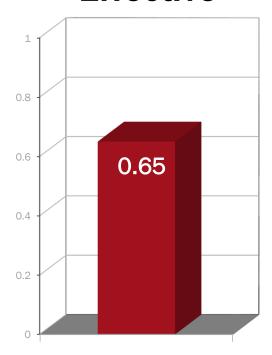
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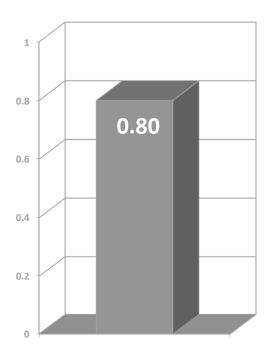




Assessment to Inform and Differentiate Instruction

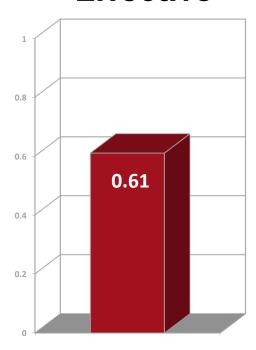
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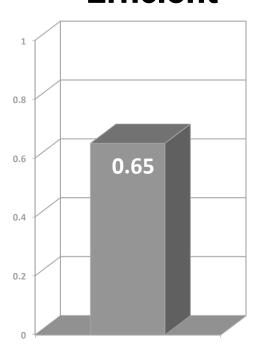




Literacy Strategies

Effective

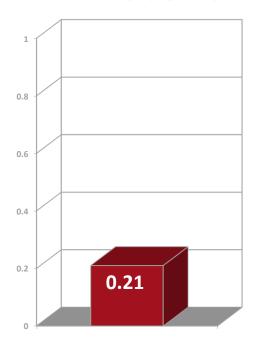


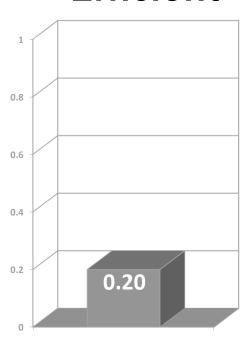


Less Effective

Class Size

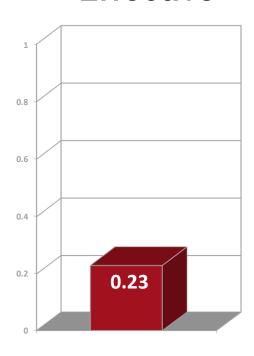
Effective

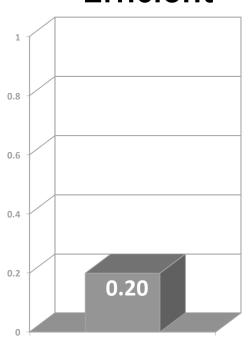




Summer School

Effective





iPhone



Uber: The world's largest taxi company, owns no vehicles.

- Uber: The world's largest taxi company, owns no vehicles
- Facebook: The world's most popular media owner, creates no content.

- Uber: The world's largest taxi company, owns no vehicles
- Facebook: The world's most popular media owner, creates no content
- Alibaba: The world's most valuable retailer, has no merchandise.

- Uber: The world's largest taxi company, owns no vehicles
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- Alibaba: The world's most valuable retailer, has no merchandise
- Airbnb: The world's largest accommodation provider, owns no real estate.



The Nation's Most Rapidly Improving Schools

Culture Trumps Strategy

The Nation's Most Rapidly Improving Schools

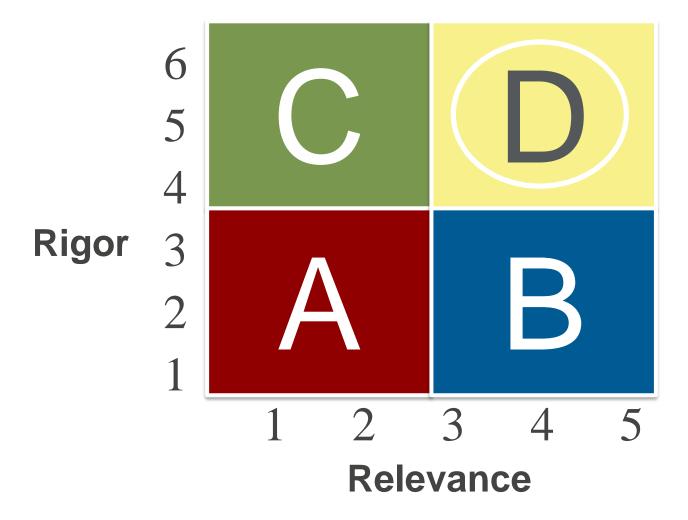


Are Future Focused

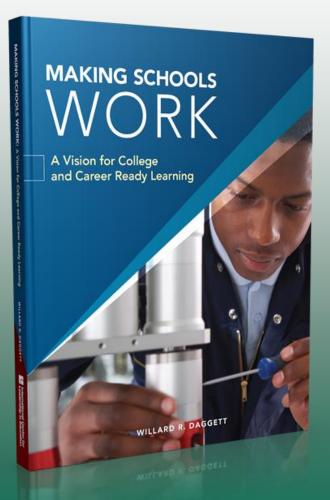
WHY

WHY – WHAT

Levels



A must-read for all education stakeholders



by Dr. Bill Daggett

Highlights the six core values that underpin the vision at leading-edge schools, and the frameworks to fold them into your own district, school, and classrooms.

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Equip your team with skills and strategies that will build instructional leadership!

- Building Learning Mindsets
- Instructional Leadership and Excellence
- Digital Leadership and Learning
- Equity and Cultural Relevance



Leadership Academy 2017

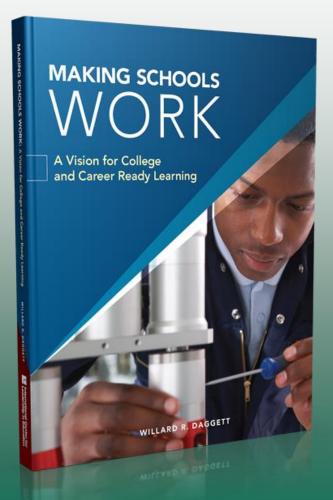
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