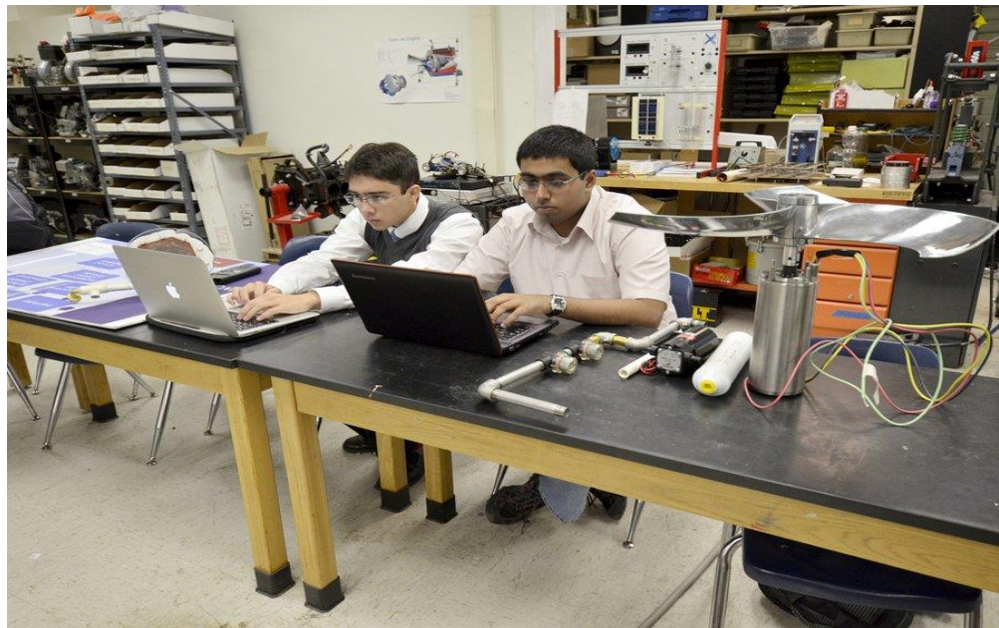


Designing the Future of Learning: Unthink School to Rethink Learning



Bryan Setser – Partner – 2Revolutions

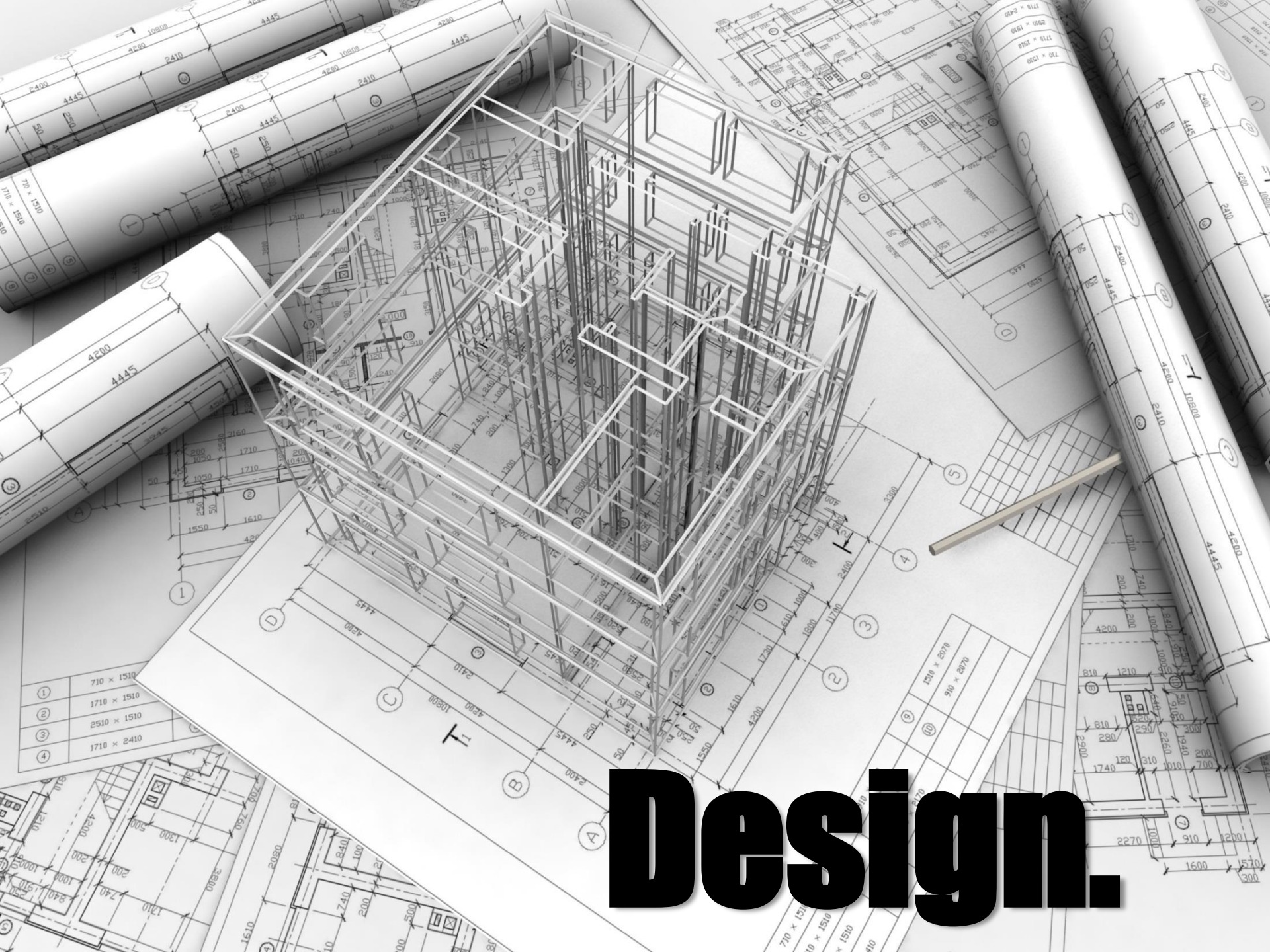
ECCO–April 24, 2014

***“You've got to go out on a limb sometimes
because that's where the fruit is.”***

– Will Rogers

Objectives

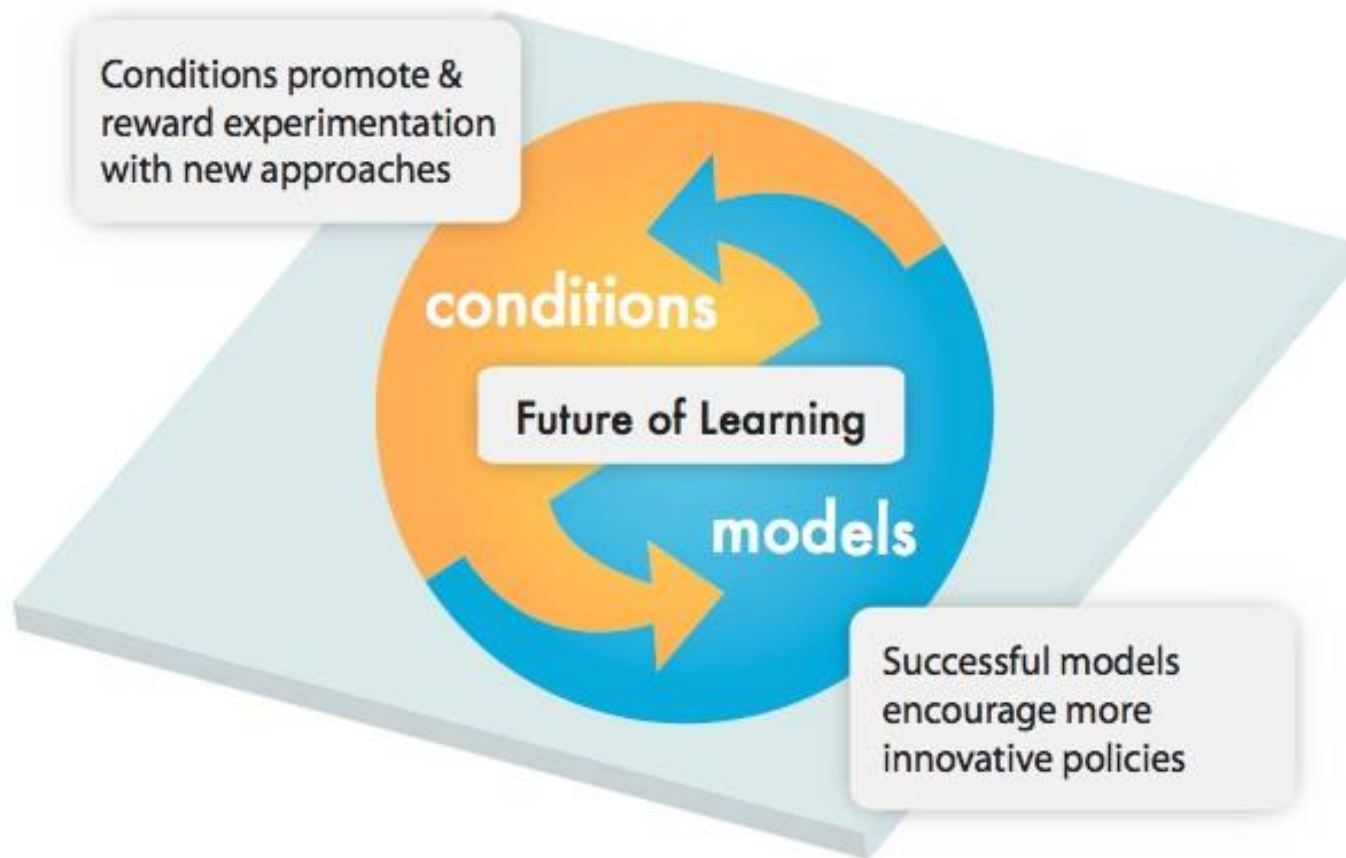
1. Introduce 2Rev's Future of Learning framework, taxonomy and philosophy
2. Share examples and trends of current approaches to building next generation models
3. Show you why design thinking matters to fuel innovation
4. Offer tools to help you prototype your ideas at this event and prepare you to execute in your district and in partnership with the regional early college model



Design.

2Rev as Mission-driven Design Lab

2Rev designs, launches and supports Future of Learning models and catalyzes the conditions within which they can thrive.



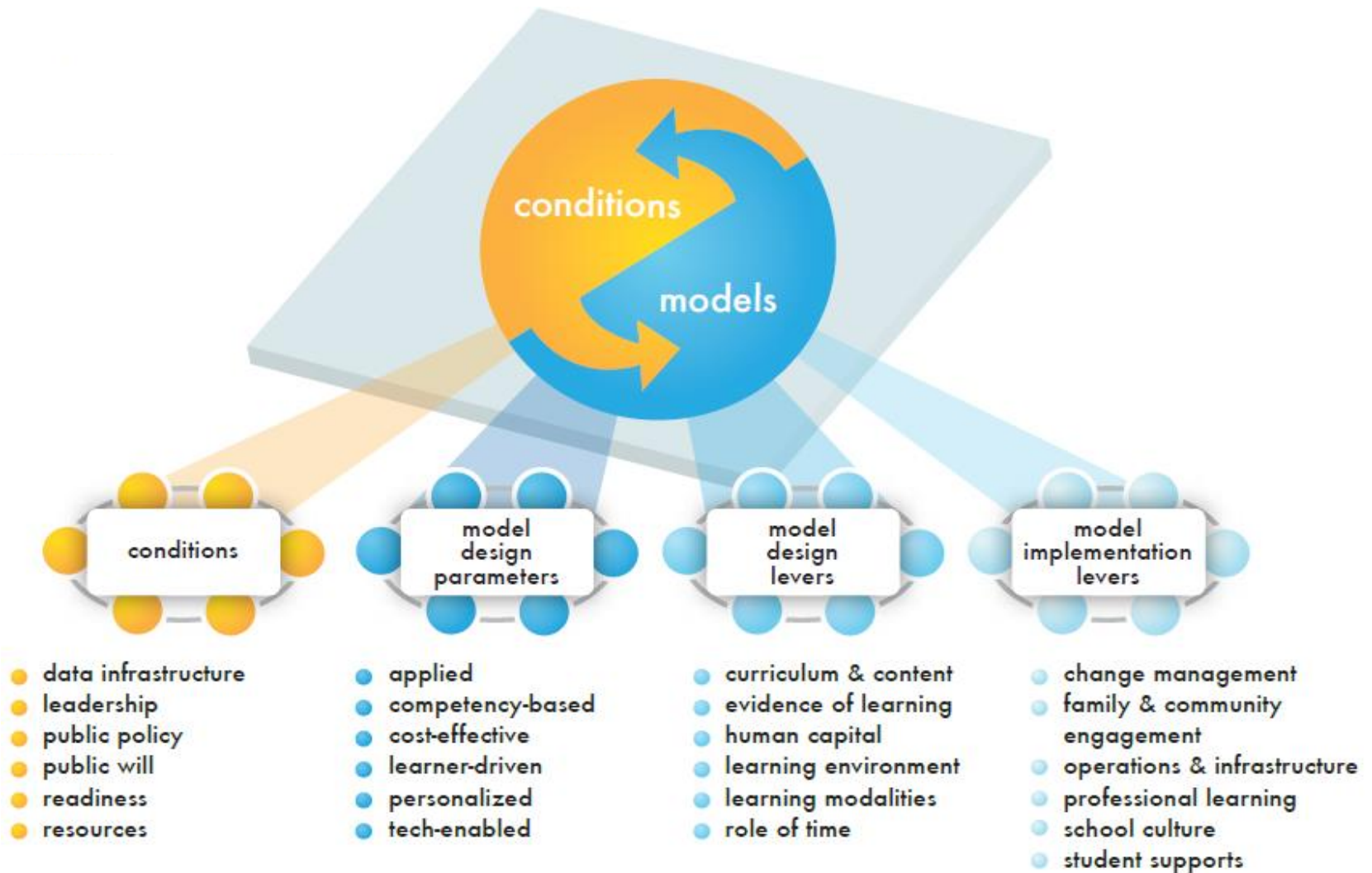


conditions

*“Future of
Learning”*

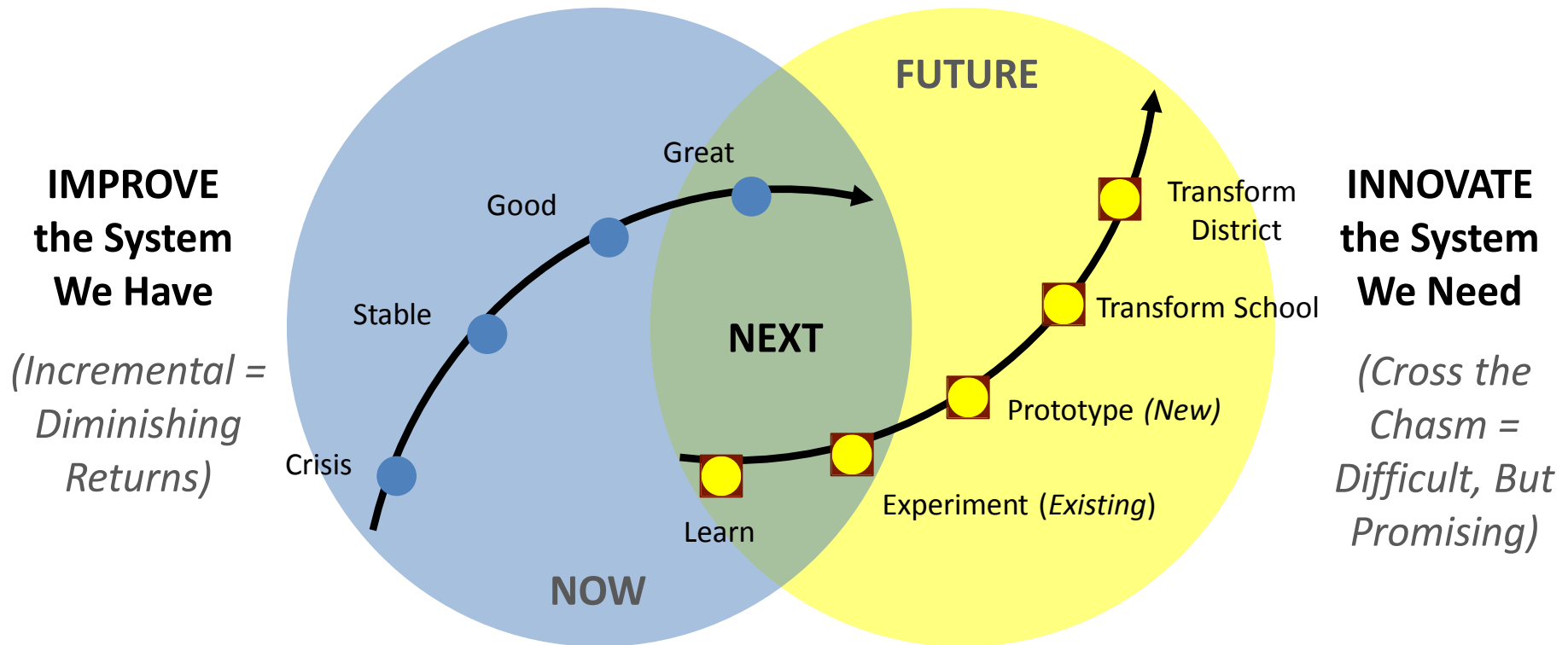
**models
models**

2Rev's Future of Learning Framework



A “Both, And” Orientation

How can we jump from one curve to the next?

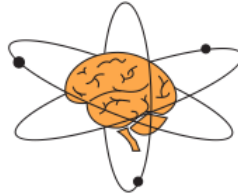


Trends Driving the Future of Learning

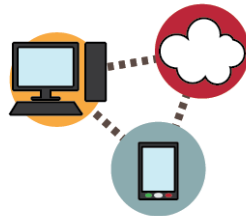
1.
Drive
Toward
Personalization



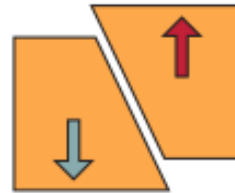
3.
Advances in
the Science
of Cognition



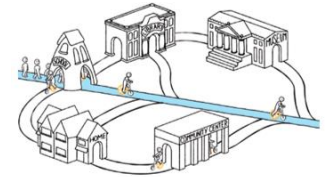
5.
Increased
Economic
Pressures



2.
Explosive
Growth in
Technology



4.
Shifting
Policy
Environments



6.
An Evolving
Ecosystem
of Learning

Trend #1: Drive Toward Personalization



Students' learning experiences – what they learn, and how, when, and where they learn – are tailored to their individual needs, skills, and interests.

Students also develop deep connections to each other, their teachers and other adults.

Gates Foundation, 2014

What Do We Mean By “Personalization” Anyway?

Does it refer to learning experiences for students that are _____?

- a)Tech-enabled
- b)“Deeper”
- c)Interest-driven
- d)Applied/experiential
- e)Learner-driven
- f)All of the above?**

Components of Personalized Performance



People?

Process?



Time?

Technology?



Tools?



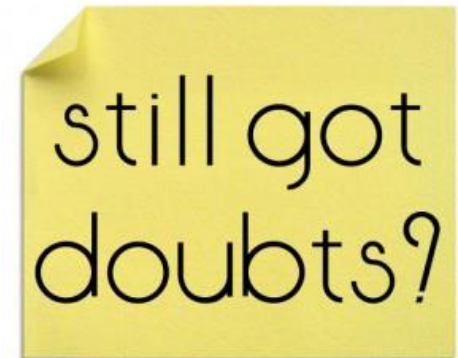
#ECCOHOPE



Personalization: A Peek
Around the Corner...



#ECCOFEAR



#ECCODoubt

Trend #2: Explosive Growth of Technology

We live in the “age of the mathematician,” in which inordinate power and riches will go to the people who create the algorithms that end up dictating who and what we know.

Yuri Milner – Russian Social Media Mogul







[Recorded video](#)

[Context](#)
[Participants](#)
[Tools](#)
[Files](#)
[Flag](#)

Date: Sunday 12 December 2010

Time: 07:35 PM - 08:35 PM

Duration: 1 hour

Location: Rosebery School -- Room:

Hardware: Camera 1

Context: History

Purpose:

Notes:

[Comments](#)
[Forms](#)
[Instruments](#)

C29

Innovation

Add

Professional Standards

Instructions

- 1. Uses an appropriate range of teaching strategies

☐ Inadequate

☐ Satisfactory

☐ Good

☒ Outstanding

Timeline: 00:00:05 - 00:00:07

Start tag

End tag

Note

This a great example of how you use different teaching strategies.

- 2. Uses appropriate resources, including e-learning, which meets learners needs
- 3. Builds on prior knowledge and attainment in order that learners meet learning objectives
- 4. Develops concepts and processes which enable learners to apply new knowledge, understanding and skills



STEP 06

Reusing the muscle flaps with the forceps, separate the muscles from the tissue below.



STEP 04



FORCING

PNS

MARKERS

Marysville Innovation Team
Group

Posts

Folders

Members 10 joined

Small Groups

HS Prototype

Other Groups

Team Poway PL

Note Alert Assignment Quiz Poll

Type your note here...

Group Posts

Me to Marysville Innovation Team

Part of building the case for PLCs and ELCs.

Plugging Into Professional Learning Communities
blogs.edweek.org

3 hours ago · Reply ·

Logout edmodo

Posts Notifications

Profile Groups

Gradebook Library

VERSION 3.5

But before we get too enamored
with technology.....

What problem are you trying to solve?

My daughter is 17 and she is an inexperienced driver.....



The power of a testable IF/THEN hypothesis.....

IF I had an app that could track her location, THEN I could advise her and keep her safe at key points on her trip.



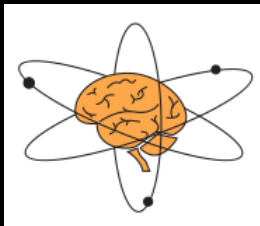


**What problems
have you
solved?**

Trend #3: Advances in the Science of Cognition

“There’s a lot we don’t know before we say we don’t know that.”

Mark Twain



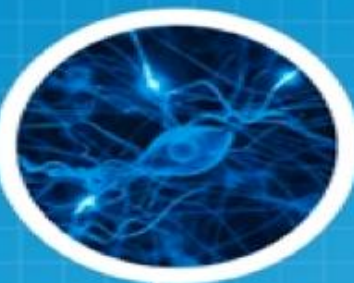


The Neurology of Gaming

Video games have both positive and negative effects on the human brain. They can be used to educate through repetition and feedback, but they also have some less-positive side effects:

The parts of the brain impacted by games

Different gaming scenarios and situations affect different areas of the brain by provoking certain reactions:



Game play involves repeated actions that strengthen the brain cell connections underlying memory and learning.



PREMOTOR & PARIETAL CORTEX
Games that require real-time action, like 'Space Invader,' activate these areas, which control sensory movement.

FRONTAL LOBE

One study claimed frequent players can get 'video game brain.' This means key parts of their frontal lobe become underused, which can alter moods.



PREFRONTAL CORTEX

Games that require logical thinking, like 'Othello' and 'Tetris', activate this area, which controls decision making.



DOPAMINE

Dopamine, which is involved in learning and feelings of reward, is released in the brain's striatum during video game play.

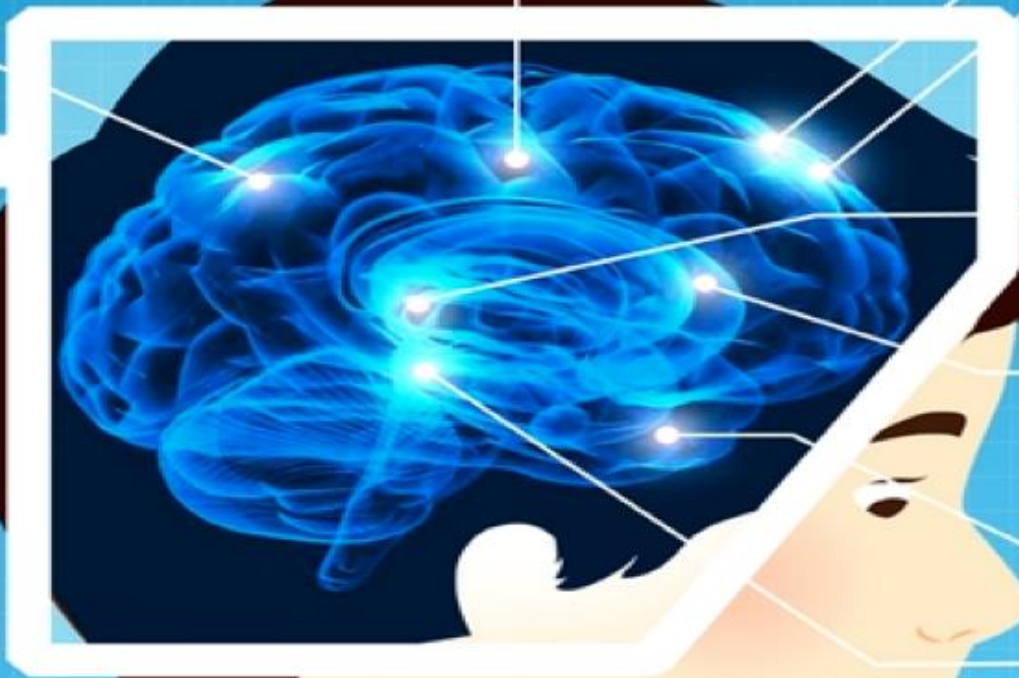
DORSAL ANTERIOR CINGULATE CORTEX

Immediately after firing a weapon in a video game, players show greater activity in this area, which controls cognition and planning.



ROSTRAL ANTERIOR CINGULATE CORTEX & AMYGDALA

Areas that resolve emotional conflict showed less activity while players fired a





How Neuroscience is Changing the Classroom



Later Start Times

High schools are pushing back start times so students are more alert for class



Fewer Breaks

Schools are shortening summer breaks because research shows the more time a student spends away from school, the more he'll forget

More Variety

Teachers are presenting lessons a variety of ways to improve retention



Cognitive Tutoring

Software lets students learn by doing and adjusts to their individual needs

Making Learning Fun

Studies show that people remember more when they enjoy an experience





Create

Learn &
Support

Explore

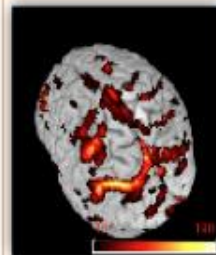
Sign up

Log in ▾



"Presence" creates better learning and a continuous communication feedback loop for teachers

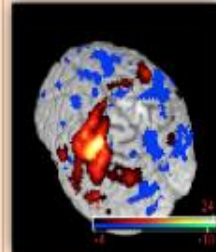
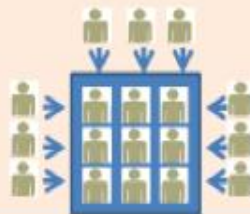
Current Modalities are
Broadcast-centric



Observer's
Brain Activity

"I tell you and you forget.
I show you and you remember.
I involve you and you understand."
— Confucius

VenueGen is
Participation-centric



Participant's
Brain Activity



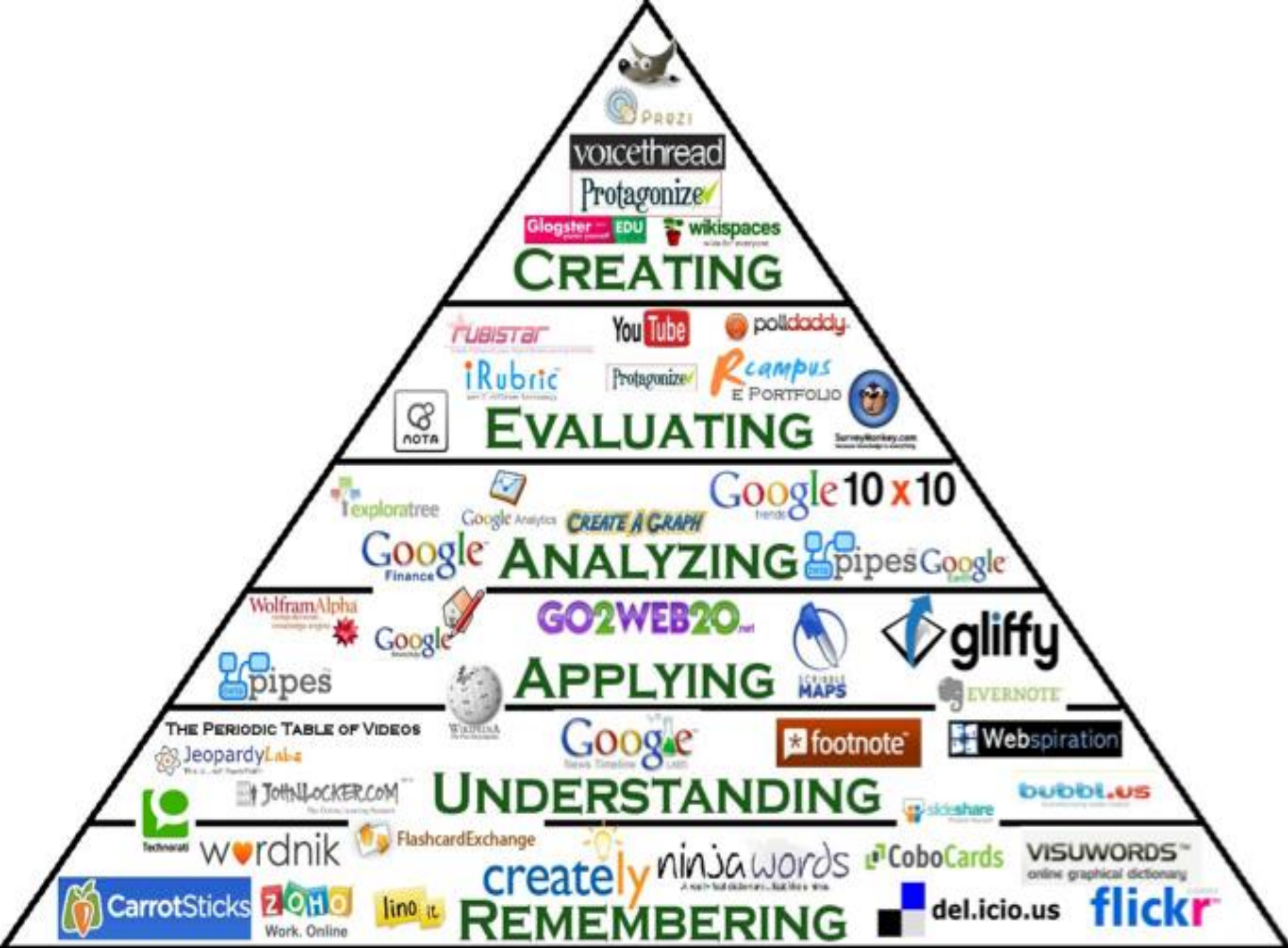
Student Directed Discussion

10

www.VenueGen.com

info@VenueGen.com

888.495.2810



Section 3

Revolutionary Documents



MY COURSE LIST

Social Studies

☒ RMP-NC-Civics and Economics-Mr. Barnes

Science

☐ RMP-NC-Physical Science-Mr. Arockiasamy

Math

☐ RMP-NC-Common Core Geometry-Ms Mcleod

MY COURSE INFO

COMMUNICATIONS

SIGN OUT

Start Date: 9/13/2013 Target Date: 1/22/2014

Course Completed 3.7%

■ Behind ■ On Target ■ Ahead



Target Completion 16.46%

Overall Grade 91.7%

Actual Grade 20.6%



RMP-NC-Civics and Economics-Mr. Barnes Current Lesson:

Revolutionary Documents

Next Activity:

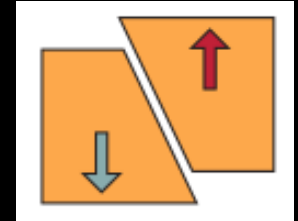
Practice

Sign Out

Course Map

Next Activity

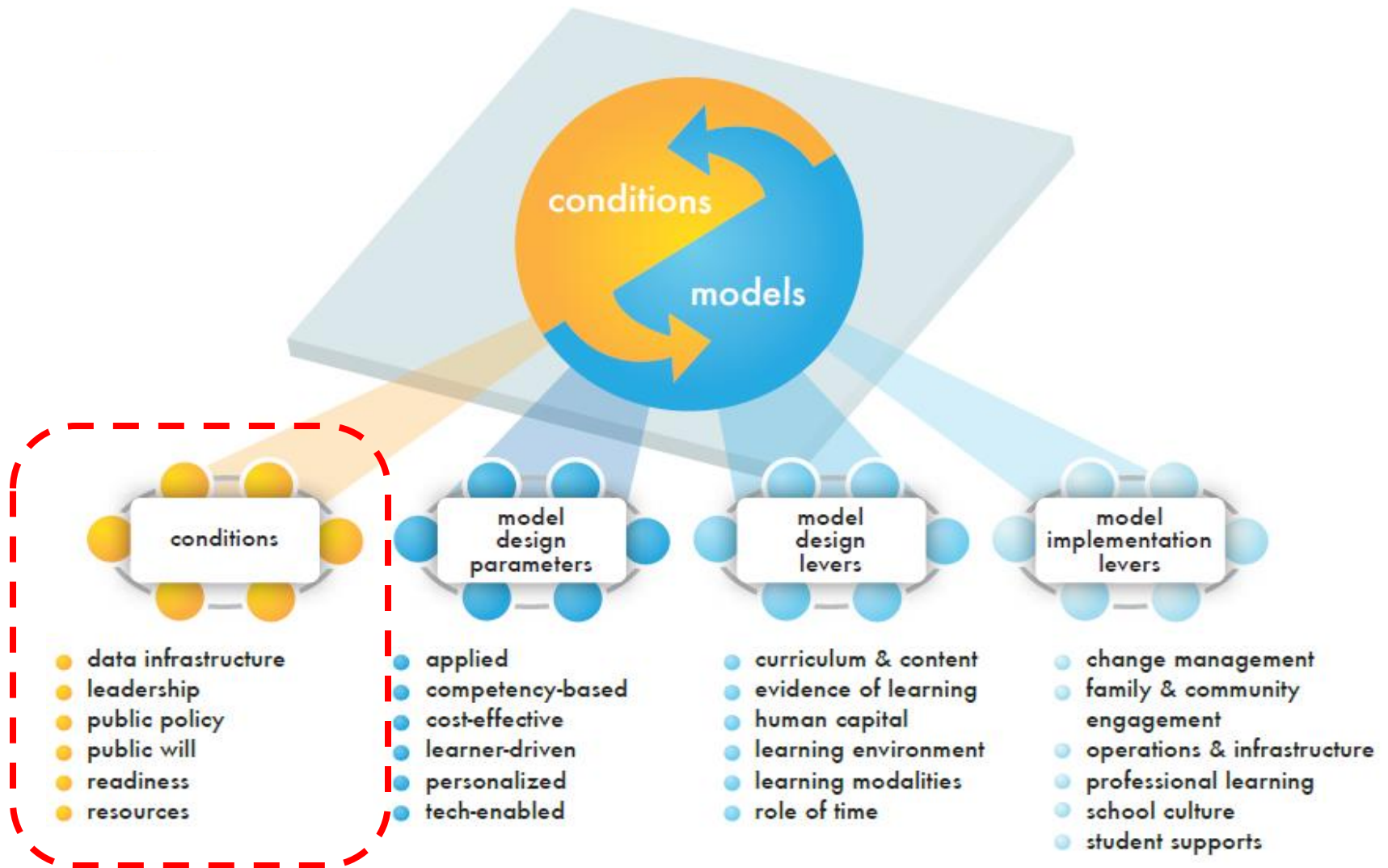
Trend #4: Shifting Policy Environments



System context can be:

- Preventive: constrains innovation (intentionally or accidentally)
- Permissive: is open and allows innovation, but doesn't support it
- Enabling: explicitly promotes, enables and supports innovation

Where do the “4As” fit in the 2Rev Framework





DONATE

[About Us](#)

[Initiatives](#)

[Tools & Resources](#)

[Events](#)

[Grants](#)

[News And Media](#)

Igniting the Power of Public Education

innovation
collaboration
capacity building

Expanded Learning Opportunities

[Home](#) » [Expanded Learning Opportunities](#)

The Colorado Legacy Foundation believes that increased student achievement for all Colorado students requires effective leaders in every school, effective educators in every classroom, and healthy and engaged students who come to school ready to learn.

Purpose and Overview

Latest News

[Application for Funding to Enhance School Behavioral Health Services](#)



SIGN UP @



COLORADO CONNECTED

Next Generation Learning Starts Here

Partner of

cde

COLORADO
DEPARTMENT of EDUCATION

& COLORADO
LEGACY
Foundation



Explore
KnowledgeBase



Collaborate
Join Networks



Learn
Take a Learning Path



Build
With Design Tools

MY DESIGN KIT

My Networks

My Learning Paths

My Stuff

MY NETWORKS



WHAT'S HAPPENING?



PBL 101 Webinar

February 14 in Rethinking Time & Hello Thompson Team, Our partners at New Tech Network (NTN) are very eager to connect with you and provide



Check-in

February 14 in Rethinking Time & Morning team, hope you are having a great week! Per our last conversation, I wanted to check-in on the progress on



PBL 101 Webinar

February 14 in Rethinking Time & Hello Bayfield Team, Our partners at New Tech Network (NTN) are very eager to connect with you and provide

[More](#)



My E-Locker

Activity

My Networks

My Learning Paths

My Favorites

My Connections



I would like to hear from high school people who use PBIS or other data-driv...

February 11 in New Hampshire

Profanity? What sort of interventions? Consequences? Have you analyzed instances of verbal altercations and then designed any training for faculty to implement verbal de-escalation techniques?



Multiple measures

February 9 in Teacher Effectiveness Network

As you consider multiple measures here are some questions that you might want to ask as well as approaches used by other states, with links to their sites.



Tools available today?

February 6 in Performance Assessment Network

Hi, I was wondering if Tool 15 and Tool 4 are available? Thanks



NH K-12 Nationally Aligned Science Competencies

February 6 in Performance Assessment Network

We are seeking feedback on this draft of the NH K-12 Aligned Science Competencies. Please take the time to review them and share them within your schools and districts.

SUPPORT MY LEARNING



Find
Experts



Explore
KnowledgeBase



Access
Calendar

SHOW ME SOMETHING COOL

TEAM COORDINATION IS KEY IN BUSINESSES

BY JESSICA K. HARRIS

SHARE THIS POST

100% 100% 100% 100% 100%

As the world's leading business school, Harvard Business School is committed to providing the best education possible. This commitment is reflected in the school's focus on team coordination, which is a key skill for success in the business world.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.

Harvard Business School is the only business school in the world that has been ranked as the top business school in the world for 10 years in a row. This is a testament to the school's commitment to excellence in education and research.



Generation
Schools
Network

Team Coordination is K...

Packing your team with the most talented individuals doesn't necessar...

Desire2Learn ePortfolio

Desire2Learn® ePortfolio is a technology platform that allows stud...

Generation Schools Ne...

Founded in 2005, Generation Schools Network is a national nonprofit "

Purpose of Reports

This report is designed to inform you about the student's progress toward achieving the New Hampshire Grade Span Expectation (GSEs) Standards. The GSEs along with the skill expectations of your school establish high and challenging expectations for all students; describe what students should know, be able to do, and care about; and serve as a basis for curriculum, instruction, and assessment at the Sanborn Regional School District. The curriculum for each content area is based on the standards relevant to the area. This report however cannot communicate everything you might possibly want to know about your child's progress. This report should be considered with other information you receive from the school such as your child's work, the open house, conferences, and skills checklist provided by teachers throughout the school year. Communication between the family and the school staff is highly encouraged. If you have any questions or concerns, please contact your child's teacher or counselor.

Level	Letter	Numerical	Performance Descriptors for Academic Standards
Exceeding	E	90-100	The student consistently exceeds the performance standards for the grade-level. The student with relative ease, grasps, applies, generalizes, and extends key concepts, processes, and skills consistently and independently.
Meeting	M	80-89.9	The student consistently meets the performance standards for the grade-level. The student, with limited errors, grasps key concepts, processes, and skills for the grade-level and understands and applies them effectively.
In Progress	IP	70-79.9	The student is progressing toward meeting the performance standard for the grade-level. The student is beginning to grasp key concepts, processes, and skills for the grade-level, but demonstrates inconsistent understanding and application of concepts.
Limited Progress	LP	65-69.9	The student is making some progress toward meeting the performance standard. The student is not demonstrating understanding of grade-level key concepts, processes and skills and requires additional time and support.
Not Met	NM	50 – 64.9	The student has not met the standard
Not Yet Competent	NYC		The student is not yet competent
Insufficient Work Shown	IWS		The student has not submitted a sufficient amount of work yet to calculate a grade
Incomplete	I		Incomplete Grade
Satisfactory	S		Satisfactory Performance
Unsatisfactory	U		Unsatisfactory Performance



THE FUND FOR TRANSFORMING EDUCATION IN KENTUCKY

[CONTRIBUTE](#)

A NEW FOUNDATION SUPPORTING INNOVATION IN KENTUCKY SCHOOLS

[HOME](#)[ABOUT US](#)[INITIATIVES](#)[PARTNERS](#)[RESOURCES](#)[NEWS AND MEDIA](#)[BLOG](#)

Trend #5: Increased Economic Pressure



Given the mounting pressure on state and local funding structures, it will become increasingly essential for schools and systems to think creatively about how to do more with less.

What is your current budget news?

What does the budget look like next year?

Start

2014

In response to accreditation feedback, build a strategic plan that address the key areas of concern and incorporates the input of all stakeholders. Develop approach, review mission, set goals and framework

2015

Finalize plan with implementation schedule. Present the plan to the broader community. Begin implementation of the first phase of the plan. Prepare marketing materials and text for website.

2017

Move into second phase of the plan. Establish working groups to determine most effective ways to improve faculty culture and student enrollment.

2016

Collect feedback from surveys and performance data. Adjust the plan as a "living document" based on new leadership, opportunities and/or threats.

2018

Incorporate recommendations into revised planning document. Begin accreditation self-study.

Finish



What could our budget look like?

Start

Business Model Generation

Lean StartUp

Great by Choice

2nd Quarter 2014

Building on the success from the 1Q, the leadership starts the development of a scope and sequence for student product K-12. A teacher coaching process is established, and a pilot for blended learning is identified

4th Quarter 2014

Momentum is building with faculty, families, and donors because of the evidence of leadership and development. Fundraising target is increased because of greater donor engagement and higher quality. Research on master schedule for 2015-16

What are new budget options?

Finish

1st Quarter 2014

Having clearly identify the target market and value proposition, the team decided to focus on raising the school's TQ by collaboratively developing a teacher rubric, refining teacher recruitment & reorganizing the leadership

3rd Quarter 2014

Data from first 2 cycles provides valuable feedback. The board redesigns the school and chief performance assessment criteria, pilot is implemented, and marketing messages adjusted to reflect new narrative

1st Quarter 2015

Record open house participation because of raving fans. New master schedule adopted, hiring for 15-16 is complete, and faculty culture is high.



Rethinking Time/ Teacher of Record

Key Advantages	Generation Schools	Conventional Model
1. Expanded learning time for all students	200 days per year 7-8 hours per day	180 days per year 6-6 ½ hours per day
2. Small class size in all Foundation Courses	14-18	28-34
3. Exceptional college and career guidance	1,100 hours per student	1-2 hours per student
4. Technology enhanced learning	In-class minilabs and more	Limited in-class access
5. Reduced student load for teachers	50 or fewer students daily	150 students daily
6. Reduced course load for teachers	3 classes per day	5 classes per day
7. Expanded common planning time	2 hours every day	Typically 45 min. weekly
8. High-caliber professional development	20 or more days per year	2-4 days per year
All without increasing costs.	NYC: \$12,403	\$12,482

Profiled Innovator: Cristo Rey



Cristo Rey Jesuit College Prep (Houston, TX) serves disadvantaged students in urban communities that operates a Corporate Work Study Program that:

- provides an ***opportunity for students to work and earn 65-70% of their tuition***
- operates as a non-profit employee leasing agent working with 133 corporate partners
- every student works in job-sharing teams of four to cover a standard business week (5 days/mo for each student)

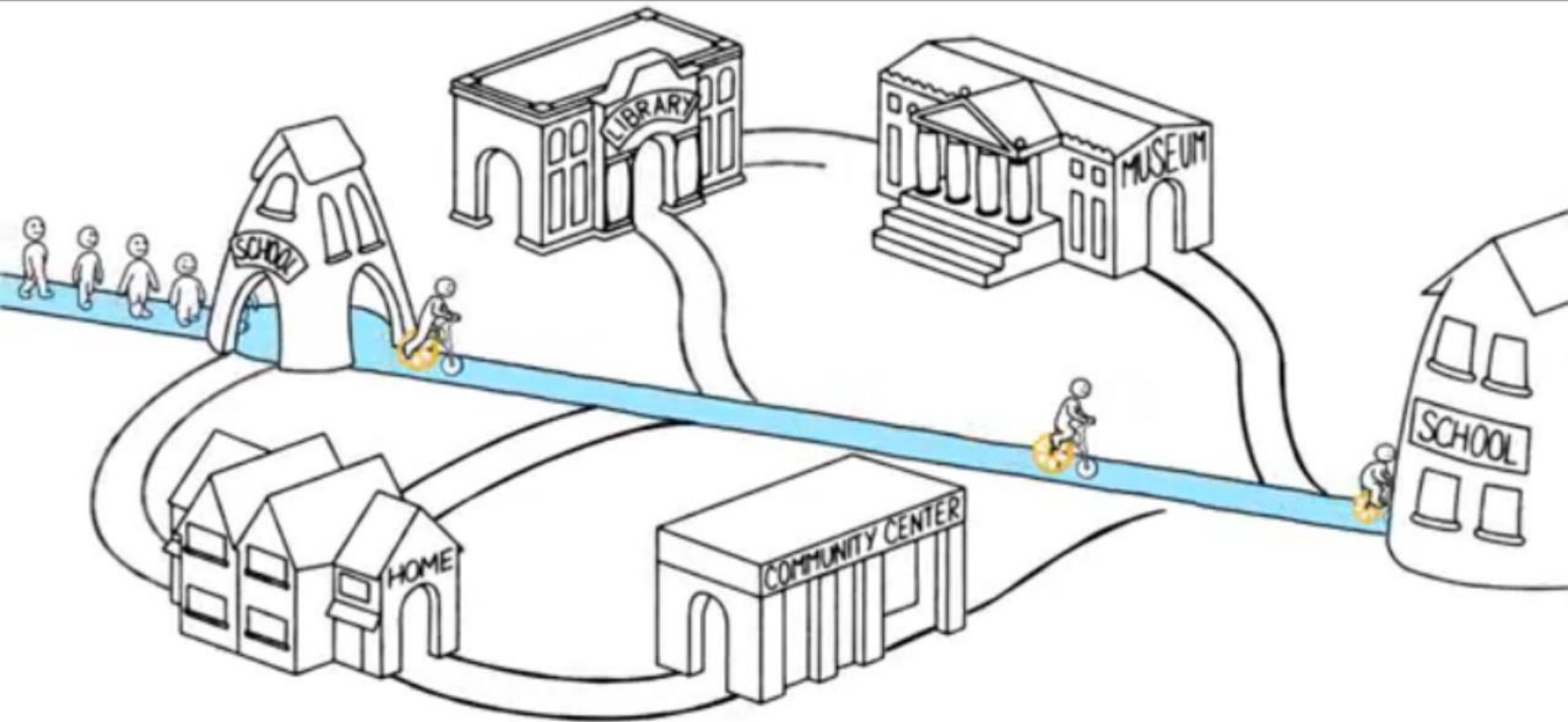
	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	A	B	C	D	A
Week 2	A	B	C	D	B
Week 3	A	B	C	D	C
Week 4	A	B	C	D	D

Trend #6: An Evolving Ecosystem of Learning

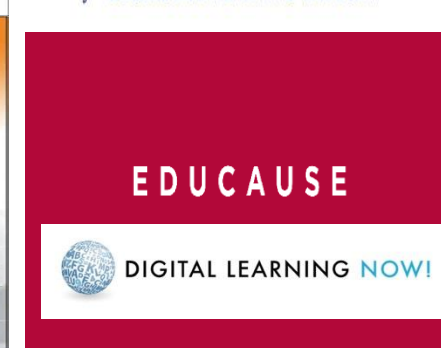
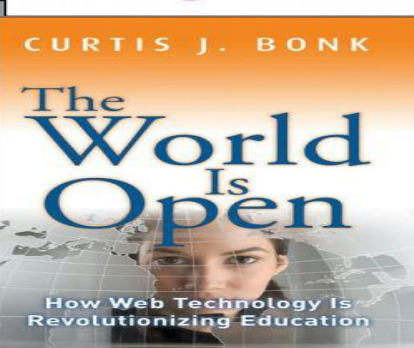
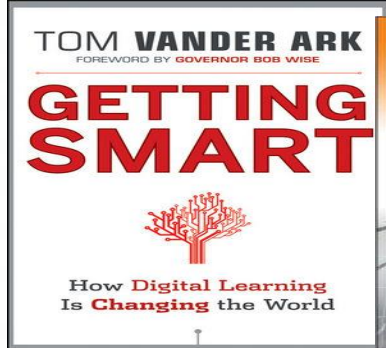
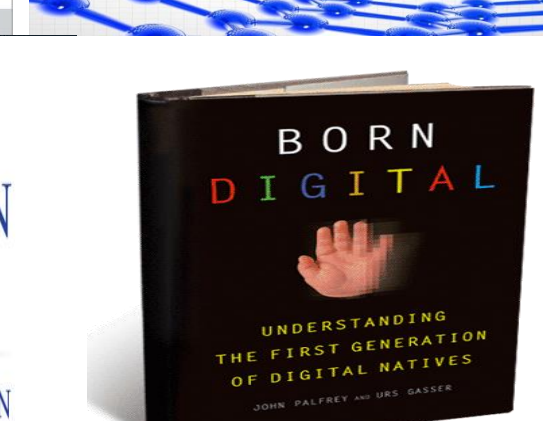
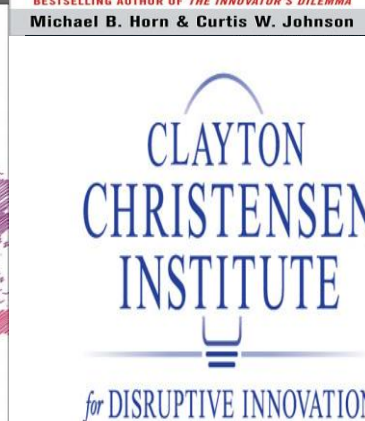
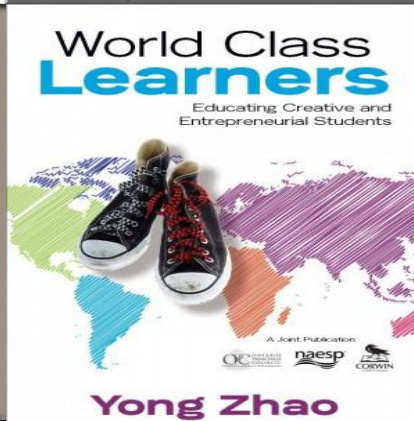
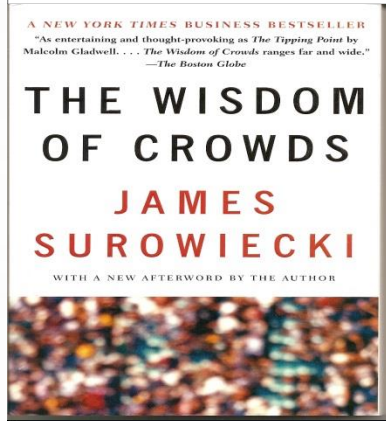
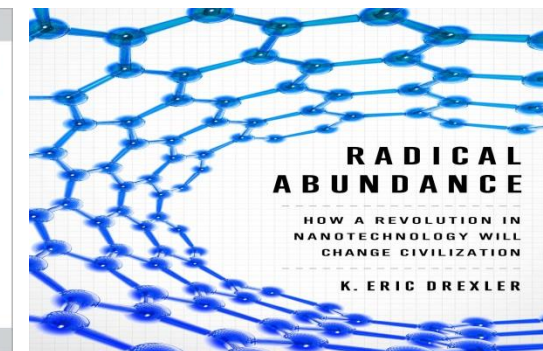
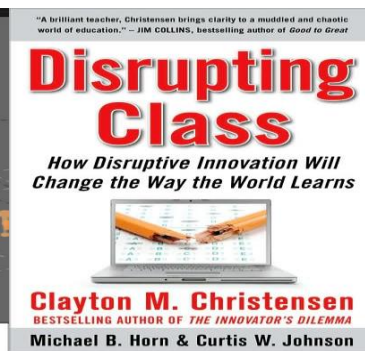
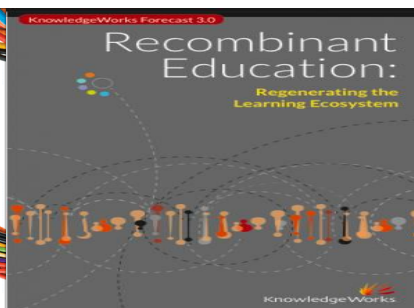
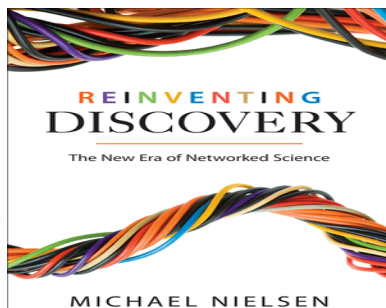
If you had enough resources, you could make the decision to go and live in France. You might also decide to not learn French. You would survive. You would be able to get by, but you would never be a full participant in the community. If you ever found yourself in a competitive situation you would fail. In comparison, remaining digitally un-augmented will leave you at a disadvantage measured in dozens of IQ points in the communities and learning ecosystems of tomorrow.

-- Richard Boyd

One Vision for an Integrated Learning Ecosystem...



A Summer Break Reading List





More Students Engaged and On Track

Early results from North Carolina's innovative high schools indicate that not only are more students staying in school - more are graduating ready for college, career and life.

More students stay in school

The annual dropout rate for North Carolina's innovative high schools in 2010-11 was 2 percent - significantly below the statewide rate of 3.43 percent. For early college high schools, it was less than 1 percent. About one of every three innovative high schools -- 37 of 106 -- reported **no** dropouts.

More 9th graders stay in school and advance

Nearly three quarters of all innovative high schools had no 9th grade dropouts in 2010-11, and half promoted every 9th grader to 10th grade. Research shows that 9th grade is when most students drop out, so keeping kids in school through their freshman year is critical to their



School District or County:
All

SCHOOL DATA

GO ►

77

NUMBER OF NORTH CAROLINA NEW SCHOOLS INNOVATIVE HIGH SCHOOLS WITH ZERO 9TH GRADE DROPOUTS IN 2010-2011.

INNOVATOR

THIS ISSUE ►
ARCHIVE ►





Summer Connection 2014

Dates are set: July 22-24, 2014

[Click here for information](#)

[Interested in Visiting MGSD.....Click Here!](#)



Engage...

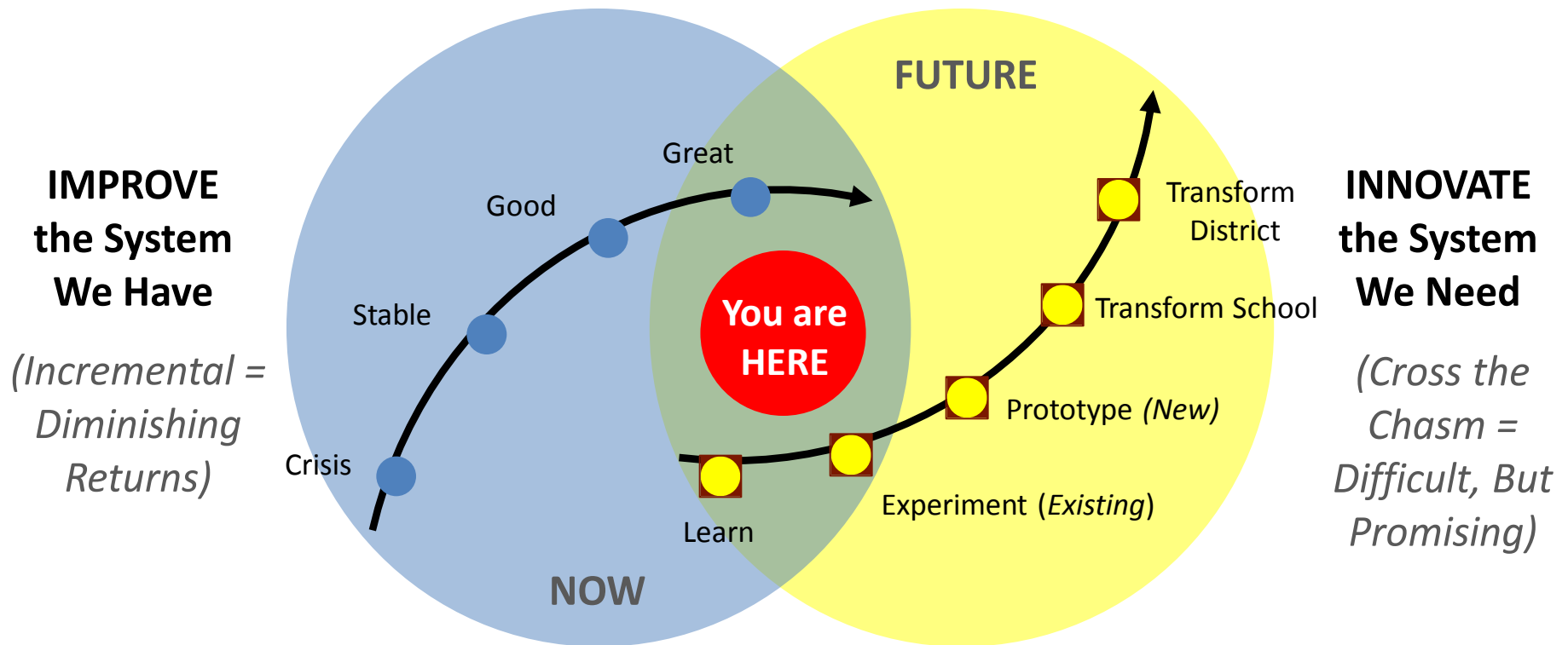
- MGSD Digital Conversion
- Academic Success
- Frequently Asked Questions
- In Perspective
- In The News

"There is nothing more difficult to take in hand, more perilous to conduct, than to take a lead in the introduction of a new order of things, because the innovation has for enemies all those who have done well under the old conditions and lukewarm defenders in those who may do well under the new."

– Niccolo Machiavelli

REMEMBER:
Innovation is a VERB!

A GPS for Next Generation Educators



So...where is the innovation?



Why does innovation happen?



What is the Innovation?



Does it happen in Education?



A close-up photograph of a pencil pointing to a multiple-choice question on a test grid. The grid contains questions numbered 43 through 48, each with four options labeled A, B, C, and D. The pencil is positioned over the 'C' option for question 46.

Safari File Edit View History Bookmarks Window Help
Should the U.S. Follow South Korea's Education System? - WSJ.com
http://online.wsj.com/article/SB10001424127887324635904578639780253571520.html
News (509) | Yahoo! | YouTube | Apple | Wikipedia | Google Maps | Popular | Collect it

THE SATURDAY ESSAY | Updated August 3, 2013, 4:46 a.m. ET

The \$4 Million Teacher

South Korea's students rank among the best in the world, and its top teachers can make a fortune. Can the U.S. learn from this academic superpower?

Article | Comments (282) | MORE IN LIFE & CULTURE

Email | Print | Save | Facebook | Twitter | LinkedIn | A A

By AMANDA RIPLEY

Kim Ki-hoon earns \$4 million a year in South Korea, where he is known as a rock-star teacher—a combination of words not typically heard in the rest of the world. Mr. Kim has been teaching for over 20 years, all of them in the country's private, after-school tutoring academies, known as hagwons. Unlike most teachers across the globe, he is paid according to the demand for his skills—and he is in high demand.

Mr. Kim works about 60 hours a week teaching English, although he spends only three of those hours giving lectures. His classes are recorded on video, and the Internet has turned them into

FIND NEW ROADS
2013 CHEVROLET VOLT
FOR A TOTAL OF UP TO 380 MILES ON A FULL CHARGE AND A FULL TANK OF GAS
Explore Volt

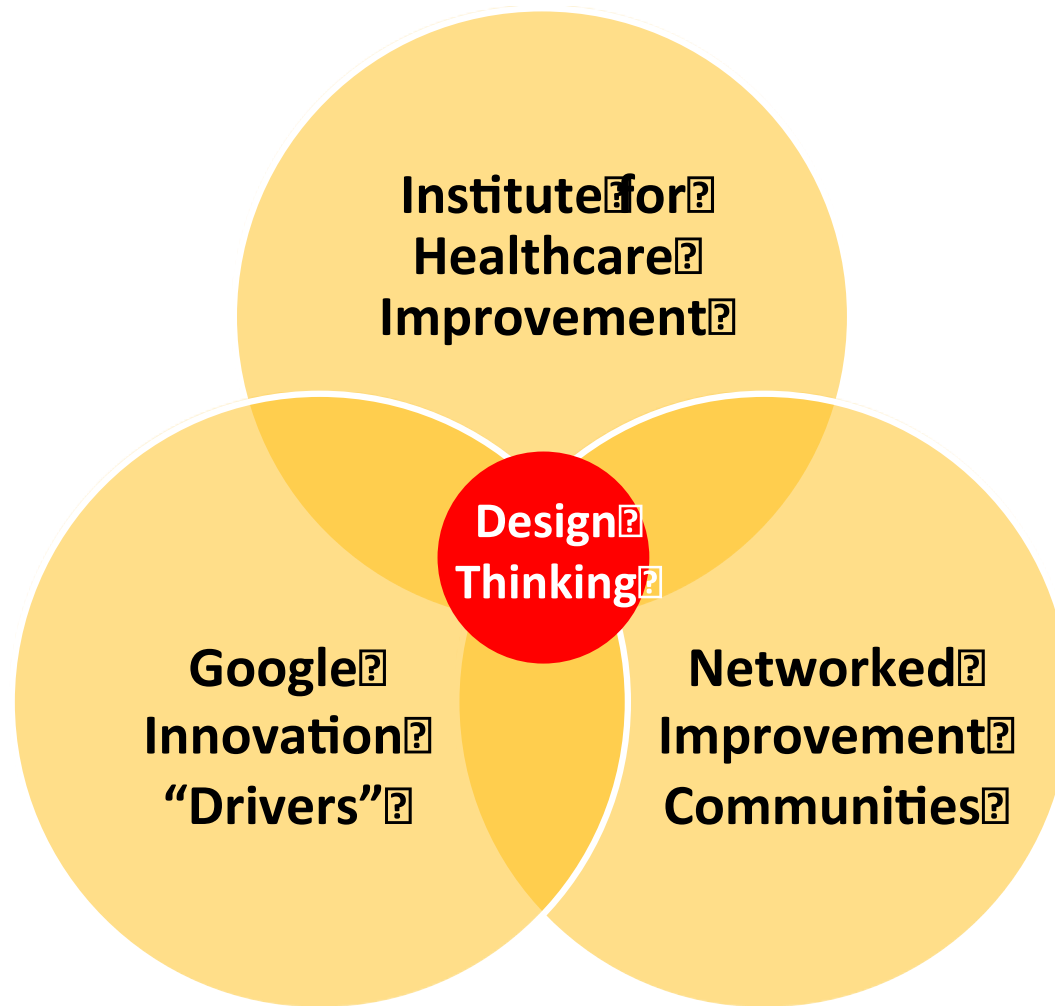
One error in opening the page. For more information, choose Window > Activity.



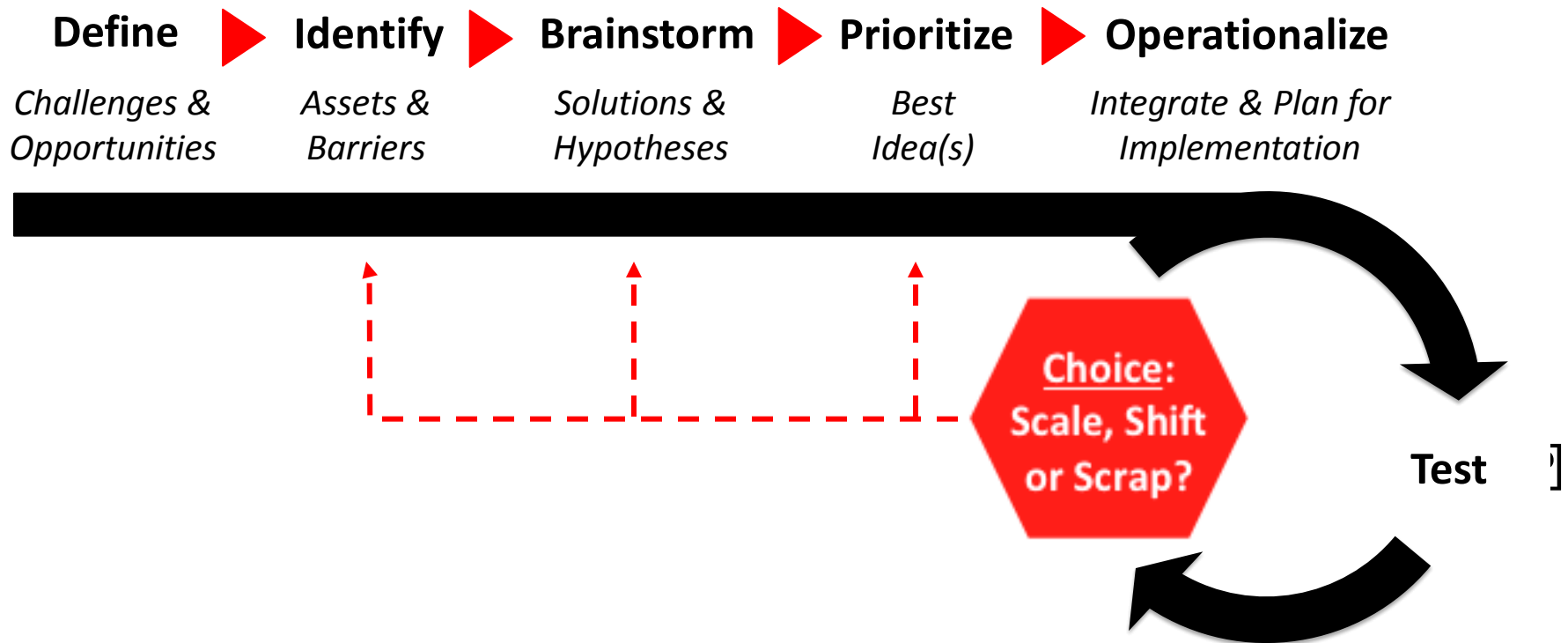
The image shows the Khan Academy website interface. At the top, there's a navigation bar with 'Khan Academy' logo, a search bar, and links for 'Watch Videos', 'Do Exercises', and 'Join Us'. Below this, a user profile is displayed for '30/2018' with a 'Watch Complete' status and a '60/100' progress indicator. The 'Vital Statistics' section shows a bar chart for 'Hours Watched', 'Exercises Attempted', and 'Exercises Completed' over time. Below the chart, there are links for 'Activity', 'Focus', 'Exercise Progress', and 'Exercise Progress Over Time'. The 'Activity' section lists various exercises with their completion status and time taken.

KHAN ACADEMY
Watch Videos | Do Exercises | Join Us
30/2018 | Watch Complete | 60/100 | 60/100
Vital Statistics
Activity
Focus
Exercise Progress
Exercise Progress Over Time
Activity
Average word problems | 2 hours, 40 minutes ago
Algebra 1 | 2 hours, 50 minutes ago
21 problems to achieve proficiency in Chain rule 1 | 2 hours, 50 minutes ago
Ticking Up Steam for Chain rule 1 | 2 hours, 50 minutes ago
Persistence for Chain rule 1 | 2 hours, 50 minutes ago
15 problems in Average word problems | 2 hours, 50 minutes ago
9 minutes of Algebra sums | 11 hours, 30 minutes ago
15 minutes of Averages | 11 hours, 30 minutes ago

Role of Short-cycle Design



Short-cycle Methodology



Continuously Iterate Via “Short Cycles” to... **See What Works!**

Short-cycle Innovation: Personalization

Challenge: Alternative school wants to *move toward personalization*, but doesn't know where to start.

Solution/Hypothesis: By using student-facing ILPs combined with online learning, we can personalize learning for all students – to move them further faster.

Prototype: Use an ILP as a living profile of students in 9th grade, allowing them to move based on math readiness using an online module. Conclude 8-week prototype with student-led conferences reflecting on their math learning.

Outcome: A majority of students (~70%) showed greater progress over this 8-week period than in two preceding periods, and the combination of ILP and student-led conferences showed promising increases in student meta-cognition.

Next Step: School elected to Scale their effort – expanding the work to new band of grade 9-10 teachers that will set up a new prototype. Also currently investigating whether the right LMS can serve as platform to manage the work more deeply over time.

Your Mission, If You Choose to Accept It...

In our final few minutes, type in your phones or write yourself a note or two:

1. List one or more problems/challenges you must overcome, or opportunities you want to pursue;

1. Brainstorm “if/then” statements to identify potential solutions with testable hypotheses; and

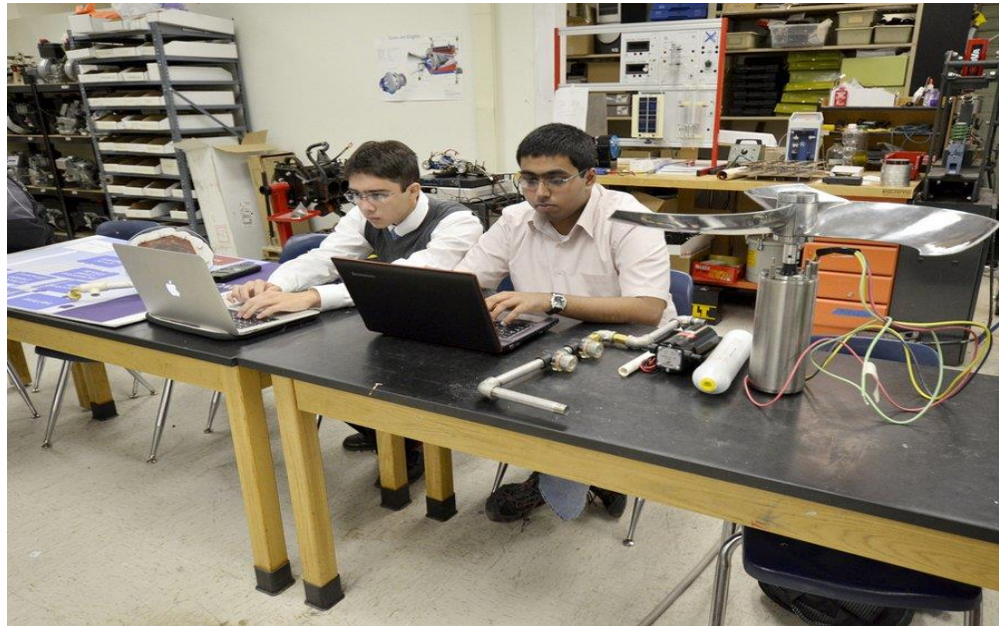
1. Determine what you need to learn over the next two days to advance your thinking.

We'll check back in with you tomorrow or as a follow-up to assess your progress and help you prepare to execute your ideas!

"Great ideas, when they appear, seem muddled and strange. They are only half-understood by their discoverer and remain a mystery to everyone else."

– Neils Bohr

Designing the Future of Learning: Unthink School to Rethink Learning



Design Activity #1

I have SO much to tell...



What is it:

A dynamic, innovative high school designed to help at-risk student populations take the first steps towards earning college certificates or degrees.

Focused on:

- ⊙ integrating the high school and college experience
- ⊙ building strong collaboration between high school & college staff
- ⊙ offering high school & college courses to meet graduation requirements
- ⊙ Providing access to the college's student services

What does it look like:

- ⊙ High school on a college campus
- ⊙ Student-owned, self-paced, mastery-based learning
- ⊙ Student-centric environment with high expectations; providing learning guidance, coaching and supports to develop independence
- ⊙ Authentic student assessments
- ⊙ Applied learning opportunities to deepen competencies
- ⊙ Online and blended learning including digital portfolios and other innovative technology resources and tools
- ⊙ Specialized professional development for teachers and staff

How:

- ⊙ Supportive, collaboration, commitment, and partnership across multiple school districts

What will be accomplished:

- ⊙ More students completing high school prepared for college
- ⊙ Increased college access, enrollments and completion rates
- ⊙ School prototype that can be replicated across the state and nation.
- ⊙ Recognition and appropriate funding from the state for the value that the early college high school prototype brings to the state's efforts to meet its education goals.

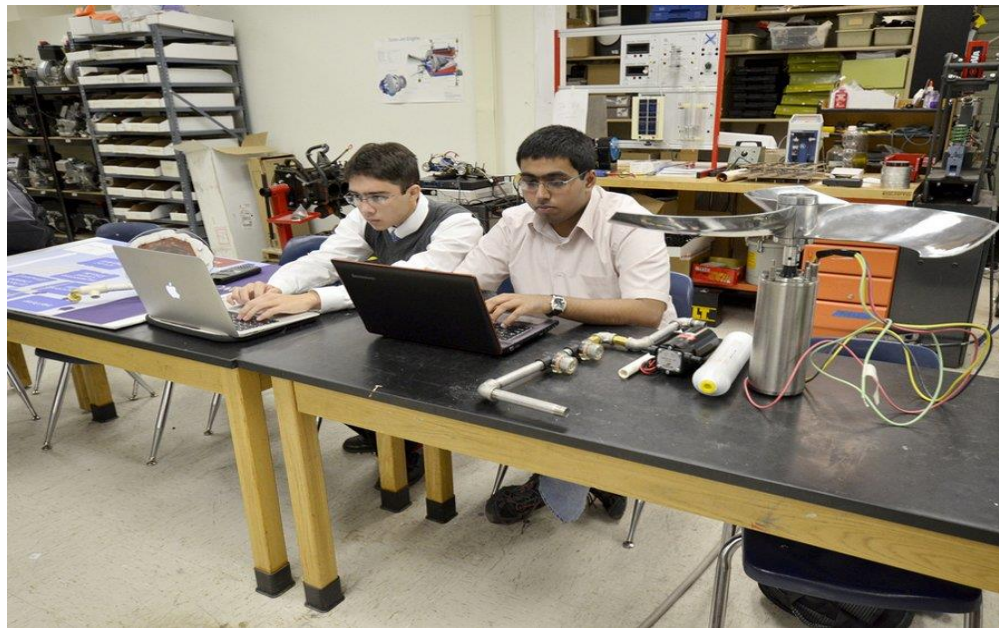


Let's do a table talk and digital exercise on the 4 As based upon what you've heard:

- What **(A)greements** need to be made?
- What **(A)rguments** are needed?
- What **(A)ssumptions** can you make?
- What **(A)spirations** do you have?

Please table talk, elect a spokesperson, and then we'll record audience reaction on a [padlet](#)

Designing the Future of Learning: Unthink School to Rethink Learning



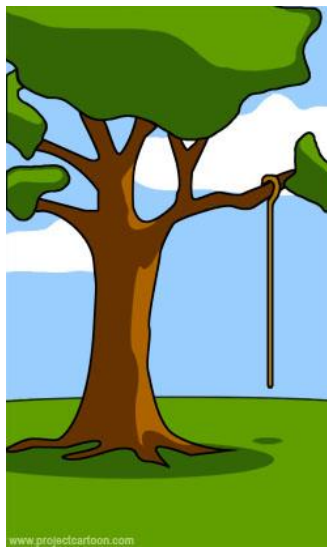
Defining Success & Identifying Barriers



How the Principal explained the need



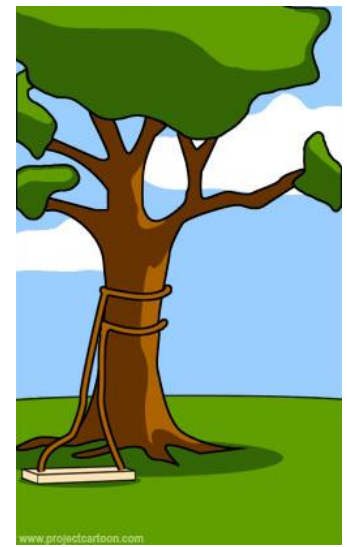
How the leadership team understood it



What the data said about it



How the appointed committee might design it



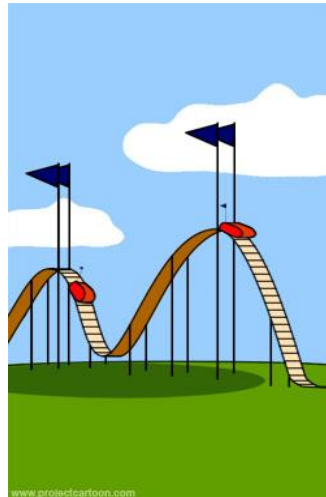
How the faculty understood it



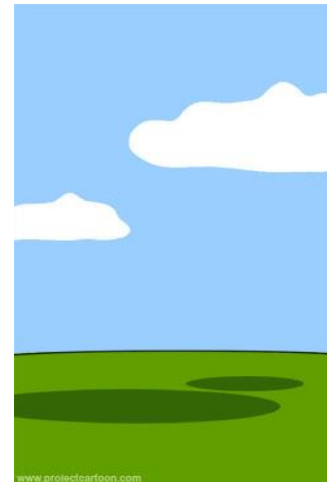
How procurement services describes it



What the school expected to pay a company to build it



How the school was billed



How the work was documented



What the school actually needed

Defining Success

What do your students need to know and be able to do in the complex future that awaits them after they graduate?

Identifying Barriers

If there is so much agreement on the definition of success, why aren't institutions already preparing students for this future?

What's preventing you?

Contact Info

Bryan Setser

Partner

Priscilla Maynor

Design Manager

Follow at Twitter, FB, LinkedIn, G+, or

www.2revolutions.net

Do What You Love, For Good