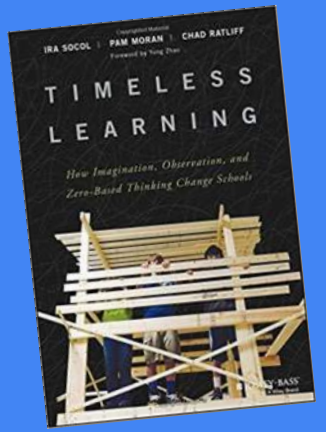
Timeless Learning



Creating a Culture for Child-Centered Education

@pammoran
pmoran@vascl.org

Reimagining Learning Spaces Without Busting the Budget

Virginia Association for Learning Environments Mid-year Conference

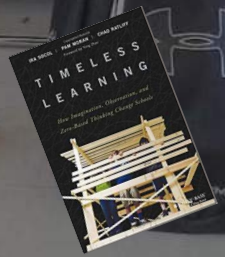
"We too often consult our own convenience, rather than the comfort, welfare, or accommodation of our children"
- *William Alcott* - 1832

How does a child get ready for a VUCA world?

Today's Objectives

Ours: Provoke New Thought Pathways

Yours: Turn Provocation into Next Step Actions

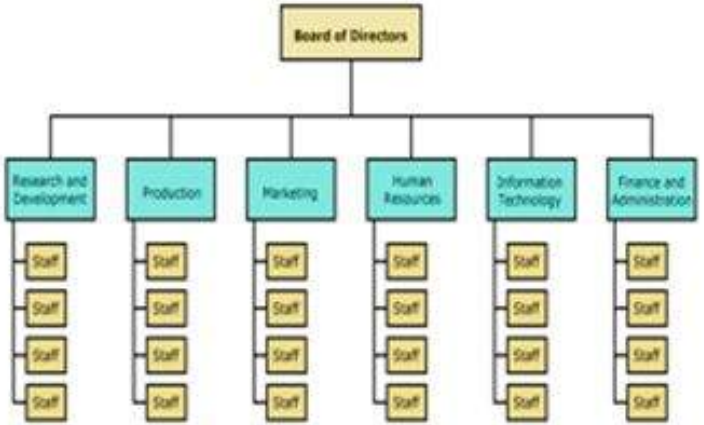


"We’re not lazier or less intelligent than our parents or grandparents, but what worked for them simply won’t do the trick for us now. Understanding and adapting to these factors isn’t optional; it will be what differentiates success from failure in the years ahead."

- McChrystal: *Team of Teams: New Rules of Engagement for a Complex World*

The traditional Org-Chart

Scalable Efficiency

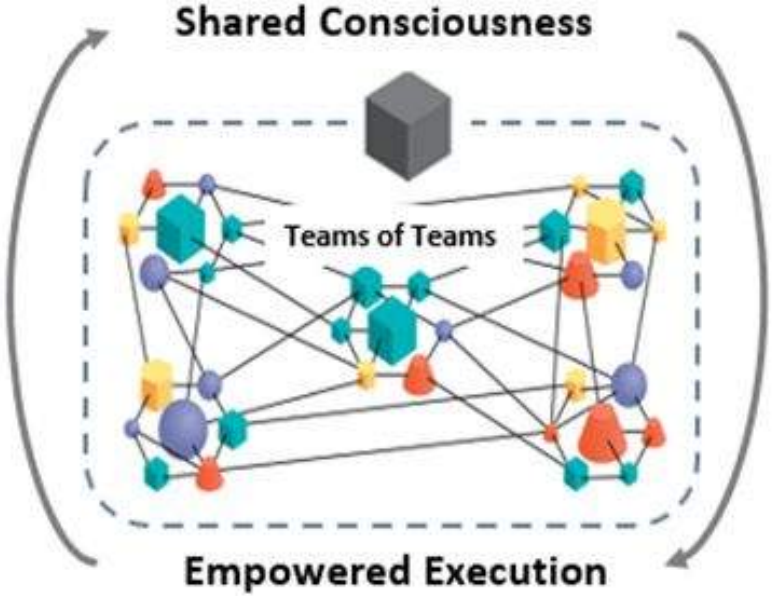


Digital Transformation

Team of Teams

Scalable Adaptability

BI-CHC Example



- McChrystal: *Team of Teams: New Rules of Engagement for a Complex World*

Learning Framework for Organizational Change

Provocation - construct beliefs

Observe Current State - challenge knowledge

Structured Inquiry - assess the current state

***Zero-Based Thinking* - imagine the dream state**

Structured Action - reflect on and align the 4Ps

Insurgent Mission - activate the organization

Change Learning
Change Space

MISFIT

Provocation - Roaming our Students' Century

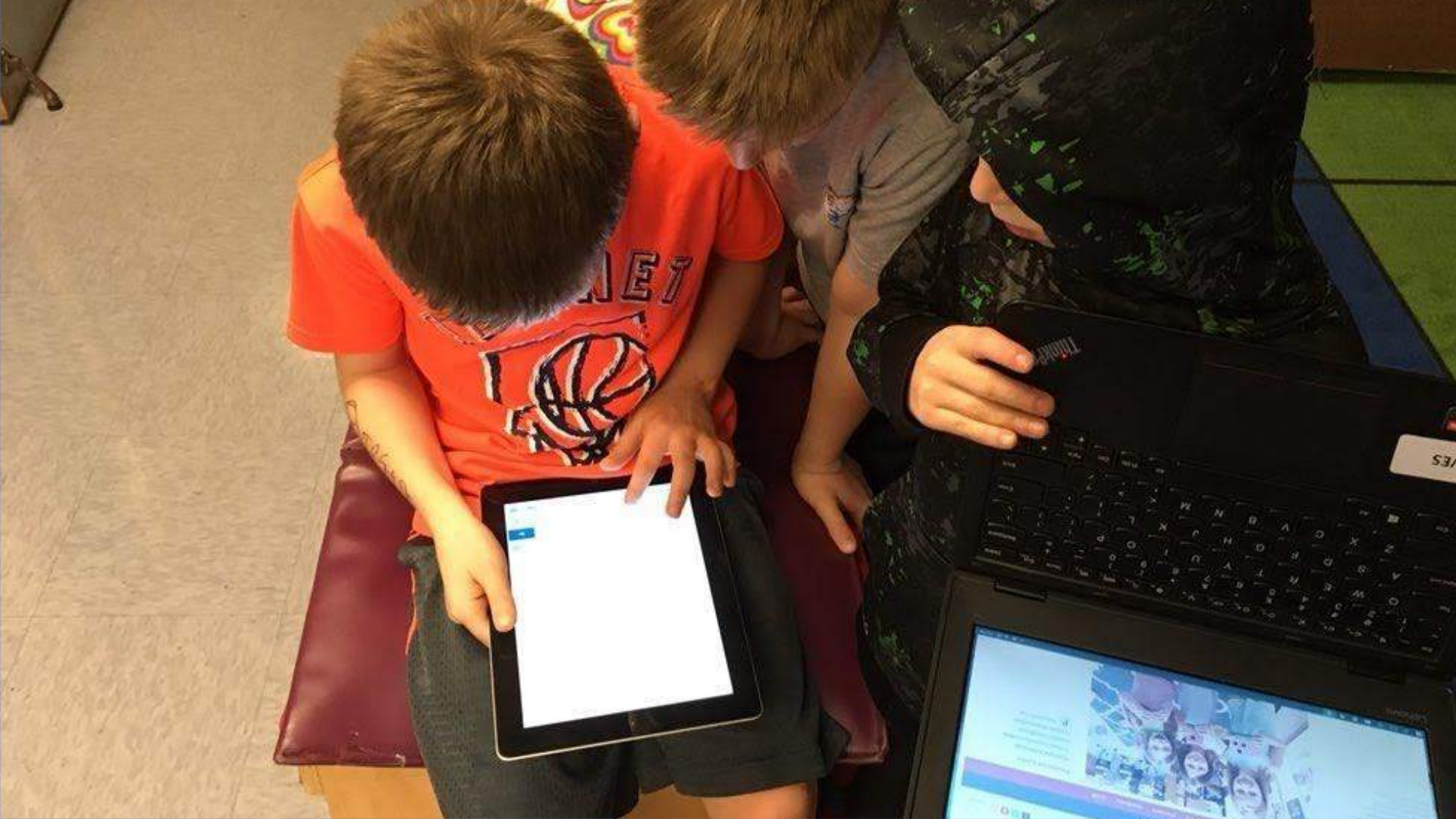
What three high priority competencies do you notice being used *and*
that you believe all learners need to develop
as part of their education today.

MOVIECLIPS.COM

Provocation - Roaming our Students' Century

Inquiry: **Think about why you picked these three high priority competencies and not others. How important are these for today's learners? Why?**

- **Pair with someone**
- **Pick one competency**
- **Share your why**



Top 10 job skills for the fourth industrial revolution *World Economic Forum

in 2020

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

in 2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity

“We were a great 20th Century Organization”

How do you shift organizational beliefs so that they work for the future.

What is your “**limfac**”?

Successful Transformation for 2100

Schools Now or in the Past

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Now and in the Future

- Personal Autonomy
- Networked and Interconnected
- Nonlinear
- Agile and Adaptable
- Regard for Team Diversity
- Cultural Intelligence
- Shared Cognition and Consciousness
- Everyone leads (#3)

The Timeless Learning Questions

If *this* no longer existed, what would we do?

How would *this* benefit learners? How would we know?

What limiting factors and barriers are there to change? How do we address those barriers?

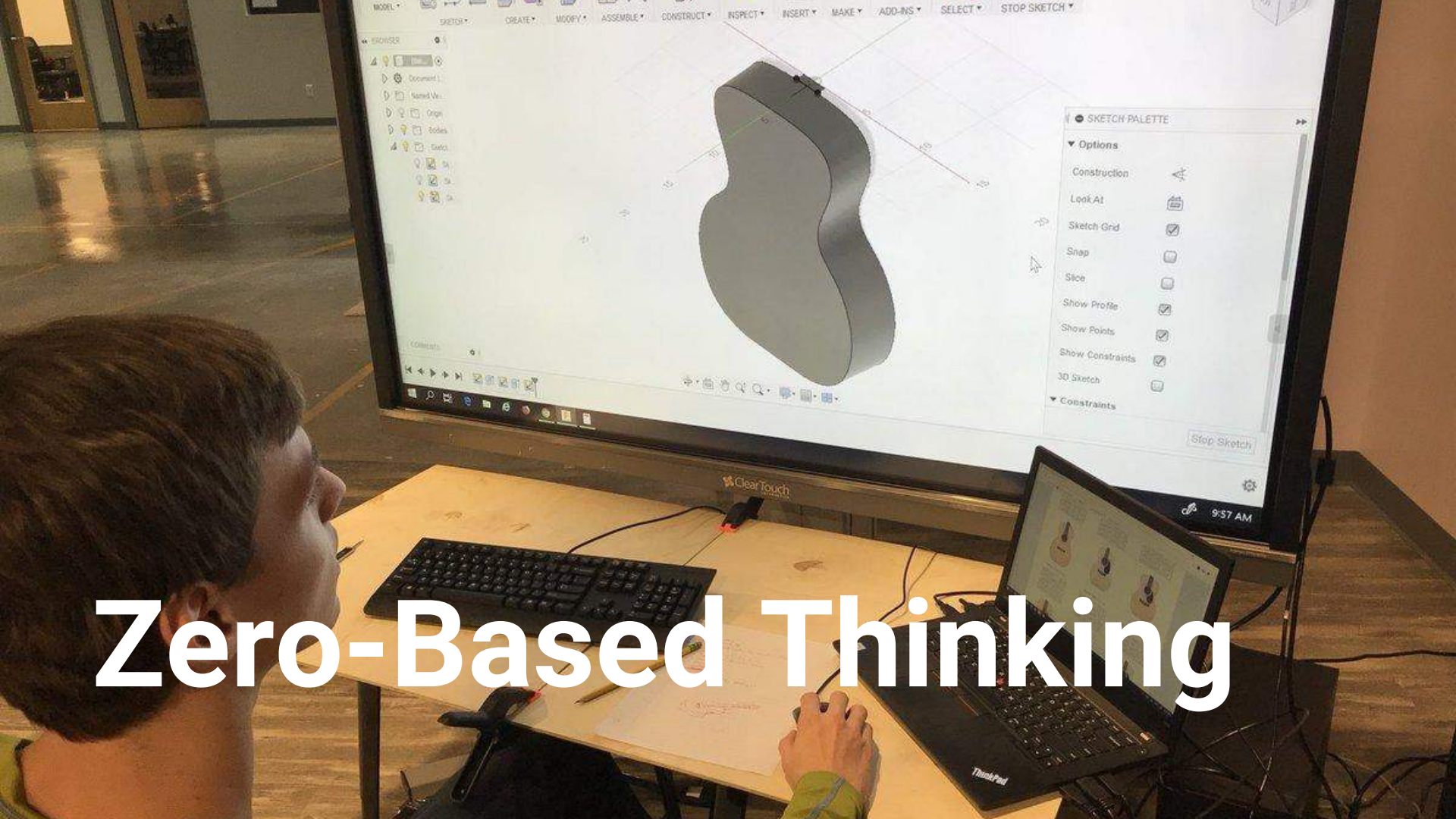
Who needs to be at the table to work on *this*?

What else will need to change - 4Ps - assessment, analysis, alignment.

What is Timeless Learning?

Imagination

Observation



Zero-Based Thinking

Timeless Learning Design Principles:

Social Learning
Community Cognition
Naturally Paced - Non-Temporal
Contextual
Multiage - Aspirational Peers
Image Based

Timeless Learning Pathways:

Play
Story/Acting
Making
Movement
Imitation
Experimentation
Mentorship/Internship

Getting to:
What do you want your children to be?

WELCOME
to class!
WE CAN BE dreamers
WE CAN BE creative
WE CAN BE writers
WE CAN BE scholars
WE CAN BE kind
WE CAN BE inventors
WE CAN BE helpers
WE CAN BE giving
WE CAN BE friends
TOGETHER WE CAN BE
anything!
STATE
door
SYMBOLS
L K
August
DREAM

WELCOME
to class!
WE CAN BE dreamers
WE CAN BE creative
WE CAN BE writers
WE CAN BE scholars
WE CAN BE kind
WE CAN BE inventors
WE CAN BE helpers
WE CAN BE giving
WE CAN BE friends
TOGETHER WE CAN BE
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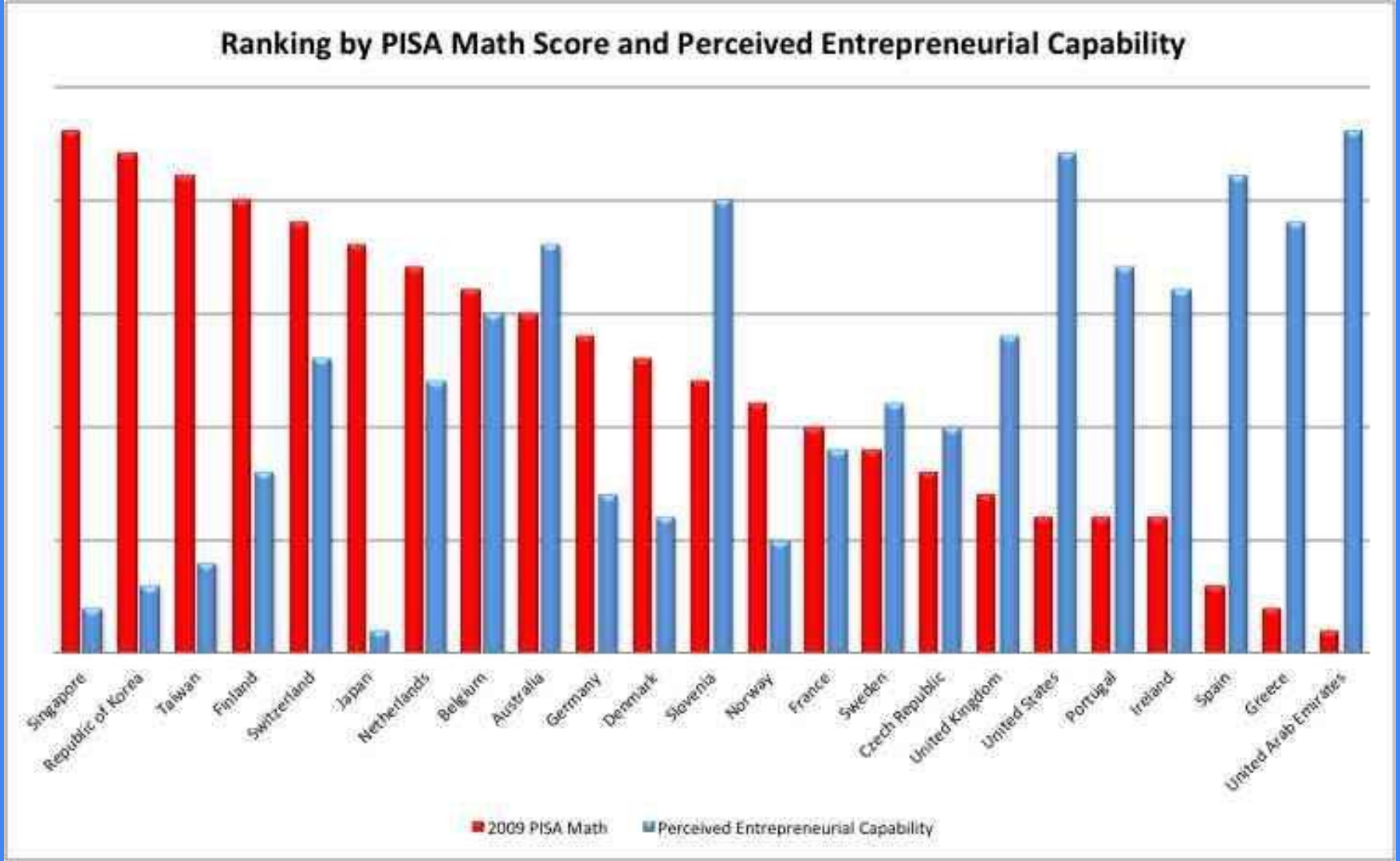
SYMBOLS
L • • K
Welcome
door
DREAM


Ranking by PISA Math Score and Perceived Entrepreneurial Capability
Singapore
Republic of Korea
Taiwan
Finland
Switzerland
Japan
Netherlands
Belgium
Australia
Germany
Denmark
Slovenia
Norway
France
Sweden
Czech Republic
United Kingdom
United States
Portugal
Ireland
Spain
Greece
United Arab Emirates
2009 PISA Math
Perceived Entrepreneurial Capability

Philosophy
Policy
Professionalism
Practice

"We’re not lazier or less intelligent than our parents or grandparents, but what worked for them simply won’t do the trick for us now. Understanding and adapting to these factors isn’t optional; it will be what differentiates success from failure in the years ahead."

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What can you observe about the 4Ps from viewing these learning spaces?

Adobe Acrobat

FOX
FOX

READ

The Un-asked Questions

Beginning Zero-Based Thinking

"The "first technology" of school is time. That division of "educational time" from other time, and the divisions therein: days and weeks, semesters and years. "It's time for reading but not science, science but not physical education, history but not literature."

"Time is the "first technology" because it is the most controlling of all the structures which define "school." Learning is timeless. It exists in its own temporal zone, unique to each individual, and different for each thing "learned." But school is all about the clock." - Socol 2012

The School Day

2018 School Promotional Photo

2018 School Promotional Photo

2018 School Promotional Photo

2018 School Promotional Photo

2018 School Promotional Photo

Assess: ***The School Day*** - Roaming the Known

What is your school day? How would you describe it to someone who had no knowledge of it. When does it start? When does it finish? How is it divided? What do students do?

The Business Day

The Business Day

The Business Day

The Business Day

The Business Day

The Business Day

Analyze and Reflect: The School Day - Roaming the Known

Why do all students start school at the same time?
Why isn't high school scheduled like college?
Why can't elementary students spend all day with one team of teachers?
Why do we schedule eating?
Why is the school day "x" many hours?

THE UNITED STATES OF AMERICA
Math Standards

Align: ***The School Day*** - Roaming the Unknown

If your philosophy is to empower kids for life:
What policies must change?
How must professional learning change?
How must professional expectations change?
How must practice change?

mmon Ground
Common Ground
Who am I?
What do I love?
Why am I here?

Fabrication Room

Insurgent Mission: Building the Unknown

If you could could build an educational environment from scratch… What would it look like? Sound like? Work like? What would time be like?

Lenovo

LIVE SALTY
DEWALT
UNIVERSAL MITER SAW / PLANER STAND

READ for REAL
Nonfiction Strategies for Reading Real-Life

Design Development Structure

Invention

curiosities, questions, ideas that fuel creative, rapid prototyping

Innovation

scaling creativity as prototypes across the system

Strategic

moving our creativity into systems-thinking

Operations

embedding creative solutions into expected practice

Lever
Inclined Plane

VIRGINIA

Thank You

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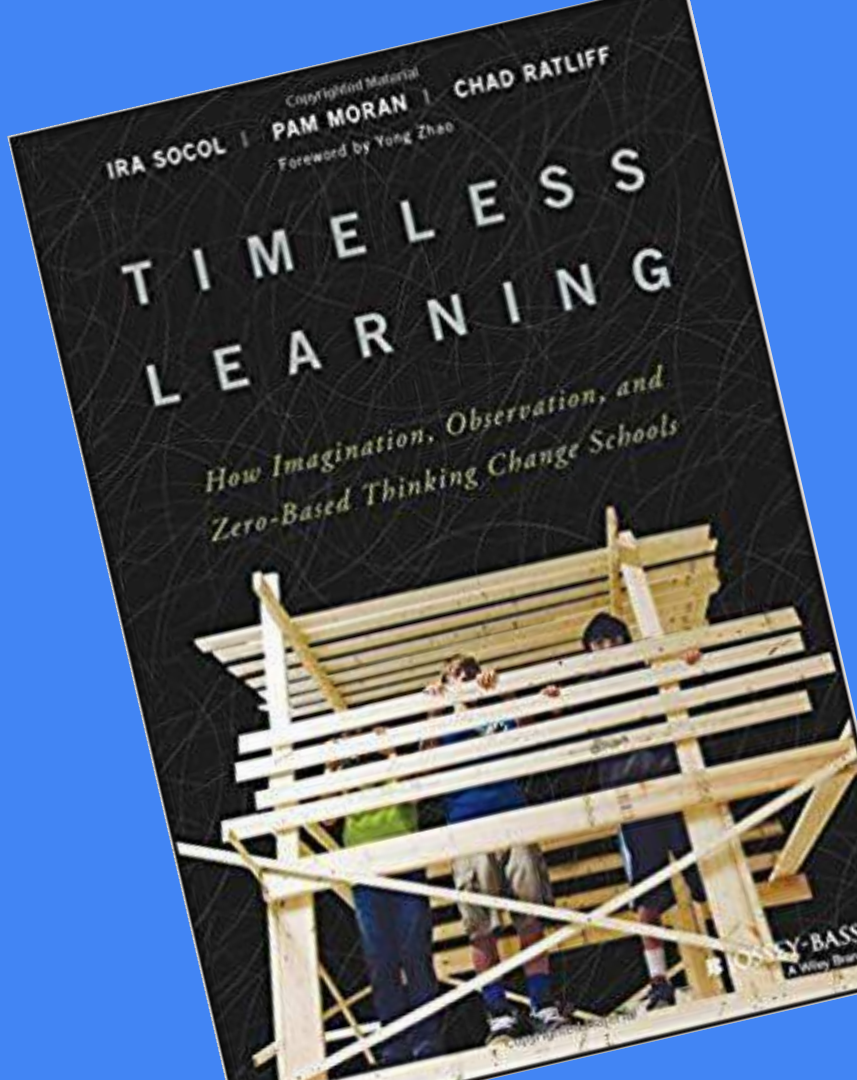
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