

EDUCATION TO BETTER THEIR WORLD

THE EMERGING VISION OF A NEW K-12 EDUCATION FOR THE EMPOWERED KIDS OF TOMORROW



LET ME BEGIN WITH WHAT'S REALLY ON YOUR MINDS...



PARENTING STYLE

Respect for elders
Obedience

Good manners

Well-behaved

or

or

or

or

Independence

Self-reliance

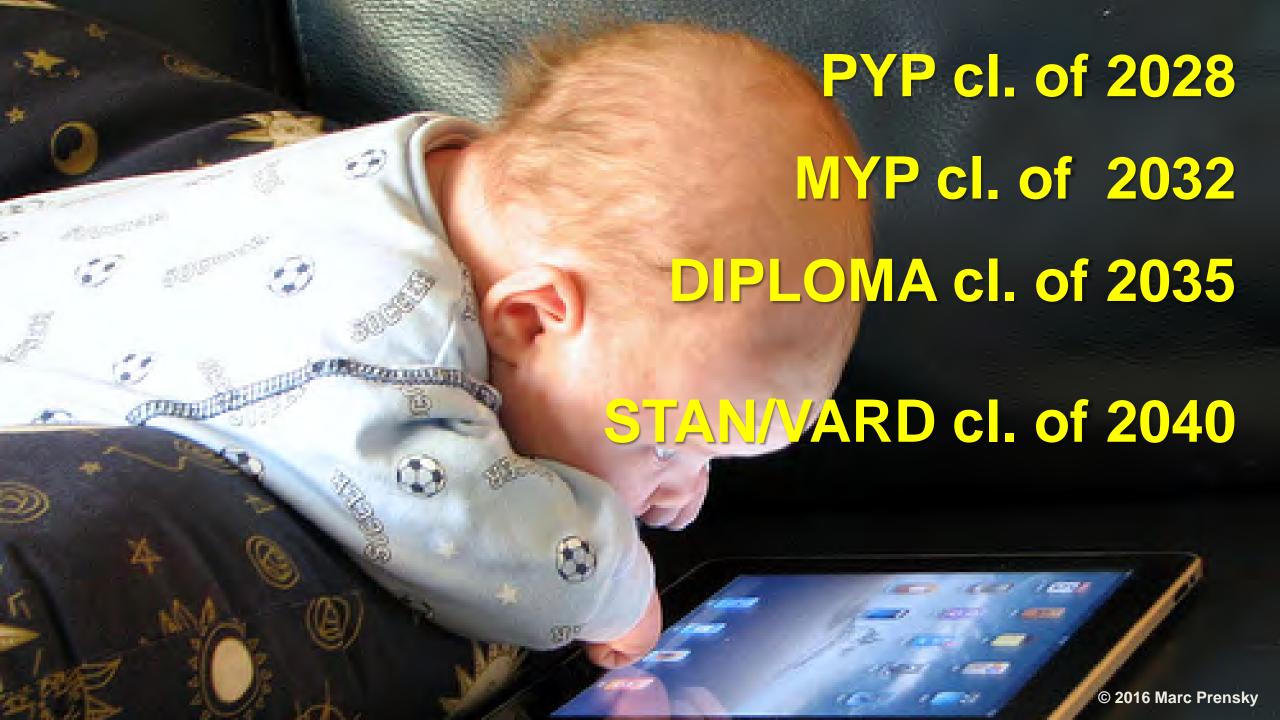
Curiosity

Considerate

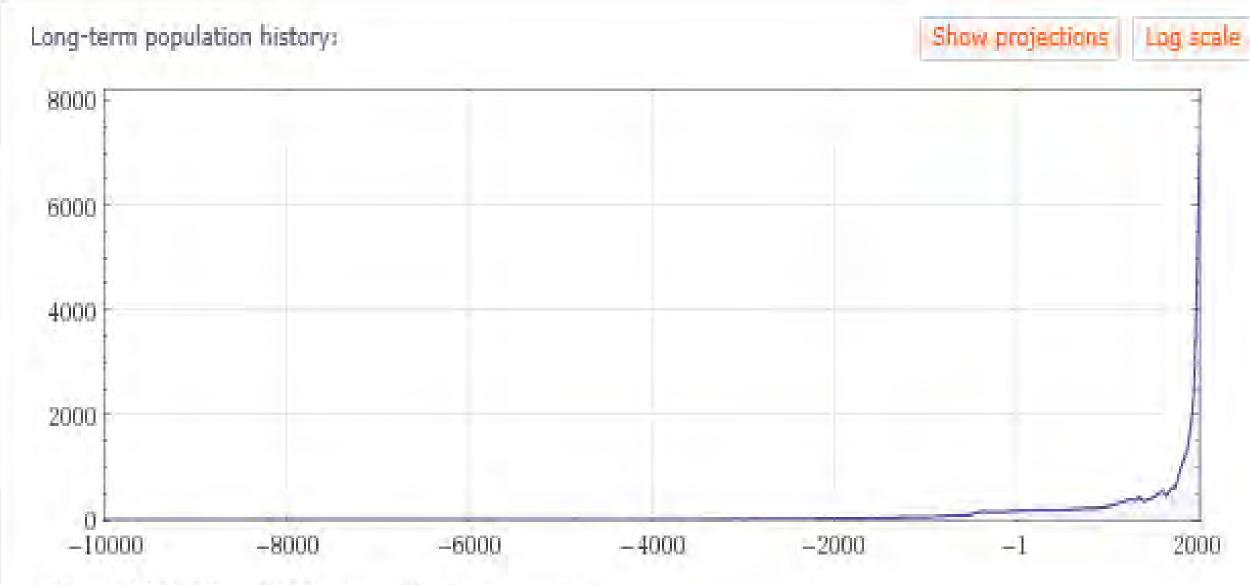
"AUTHORITARIAN"



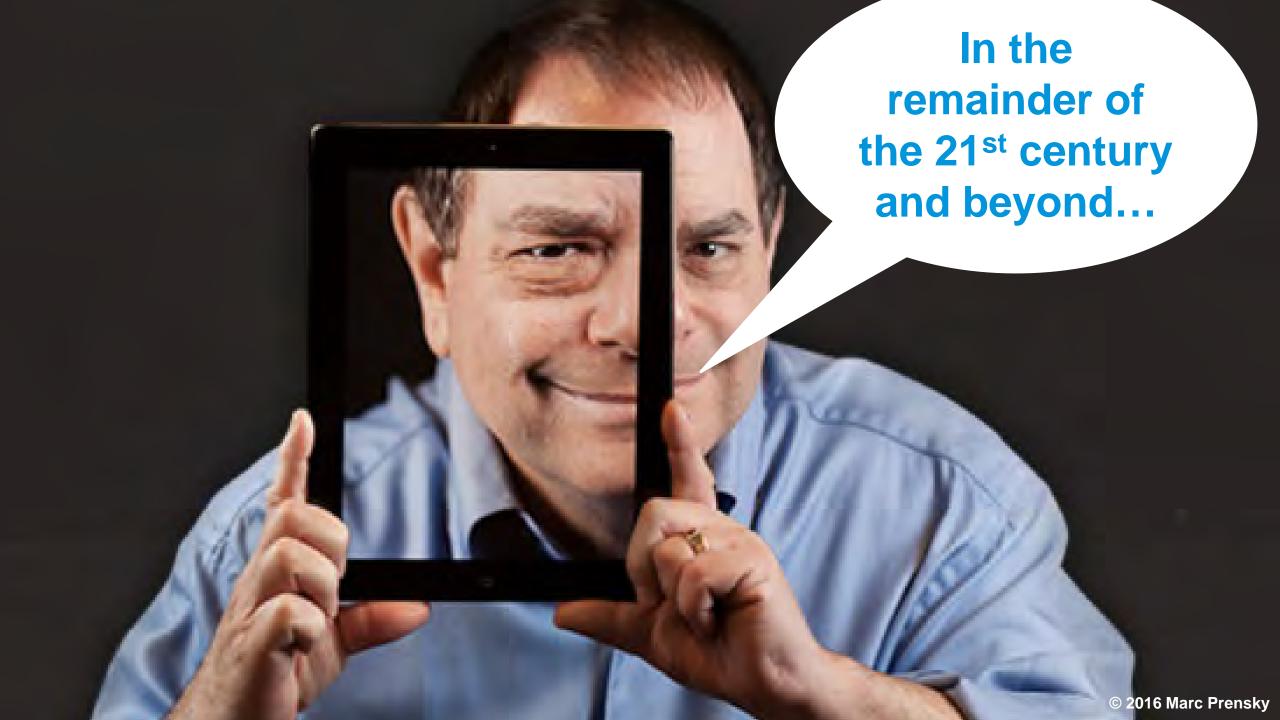
TRUMP

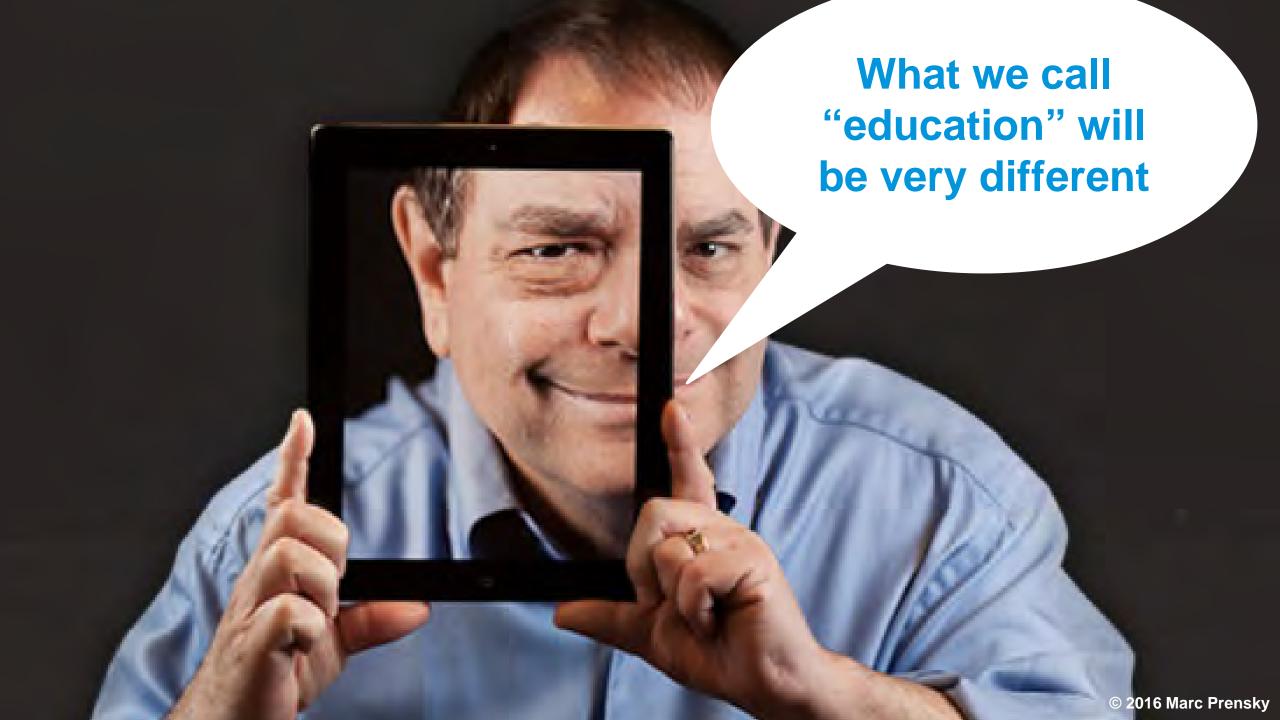






(from 10001 BC to 2013) (in millions of people) (population for current political boundaries)





- BETTER ENDS BETTER MEANS BETTER CURRICULUM BETTER TEACHING
- BETTER TECHNOLOGY USE

FROM:

ATTENDING A GREAT SCHOOL



WE ALREADY LIVE IN A WORLD EVOLVING INCREDIBLY RAPIDLY, WITH ...



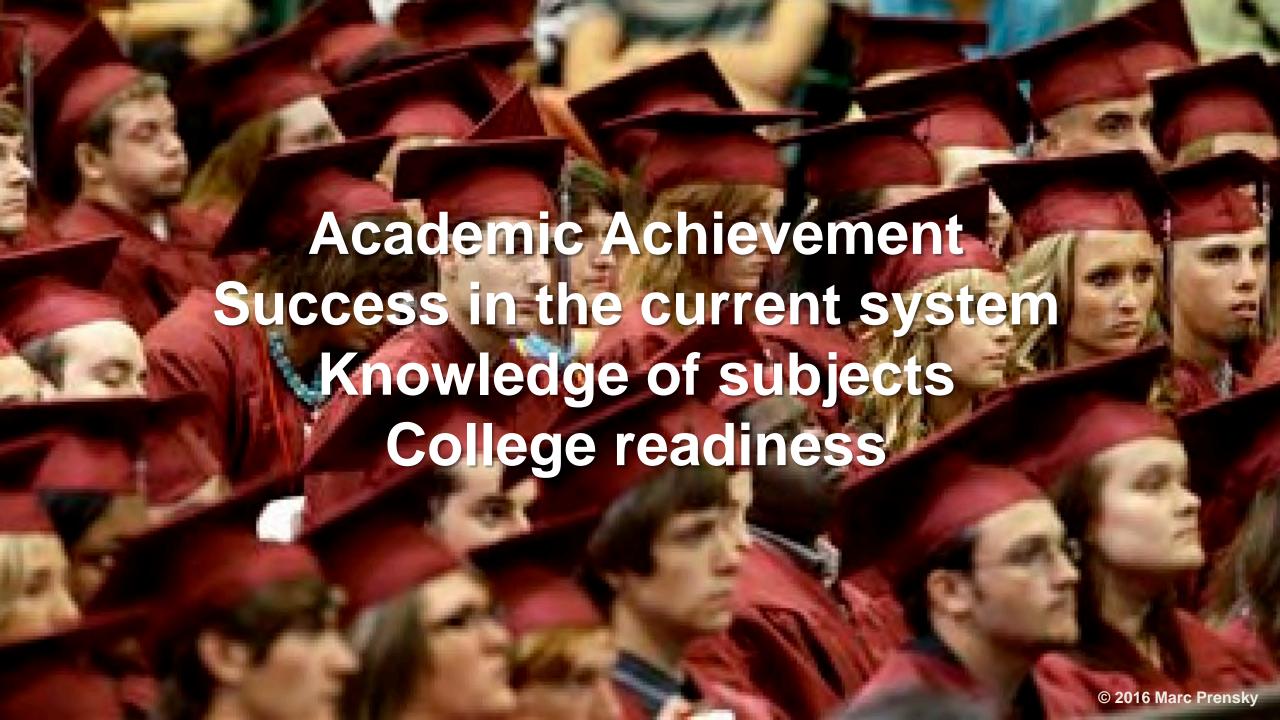


AMBIGUITY

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Mission statement

"We will graduate students who are accomplished in the academic skills one would expect...(blah, blah, blah)





IBO Statement

"At our heart we are motivated by a mission to create a better world through education."

IBO WEBSITE 2006

IBO WEBSITE
2016

"EDUCATION FOR LIFE"

"EDUCATION FOR A BETTER WORLD"

ACHIEVEMENT

Individuals

Grades & rankings

Personal success

ACCOMPLISHMENT

Teams

Projects that improve their world

Real-world results

Google

We're looking for smart, team-oriented people WHO CAN GET THINGS DONE



IMPROVING THE WORLD

YESTERDAY AND TODAY'S PARADIGM



IMPROVING THE WORLD TOMORROW'S PARADIGM

KIDS + REAL PROBLEMS KIDS'
SOLUTIONS
(+ LEARNING)

IMPROVED
WORLD
(NOW)

"EMPOWERED"
PEOPLE
(FOREVER)







• HELP IN APPLYING THEIR PASSION TO IMPROVING THE WORLD

RESPECT AND TRUST

• INDEPENDENCE

• FOR US TO BELIEVE IN THEM

"She showed me I could take my dreams as seriously as I wanted"

James Franco





...BUT THERE ARE, REALLY,



"ACCOMPLISHMENT" TRADITION

"ACADEMIC"
TRADITION

ACTION
RELATIONSHIPS
ACCOMPLISHMENT

THINKING





















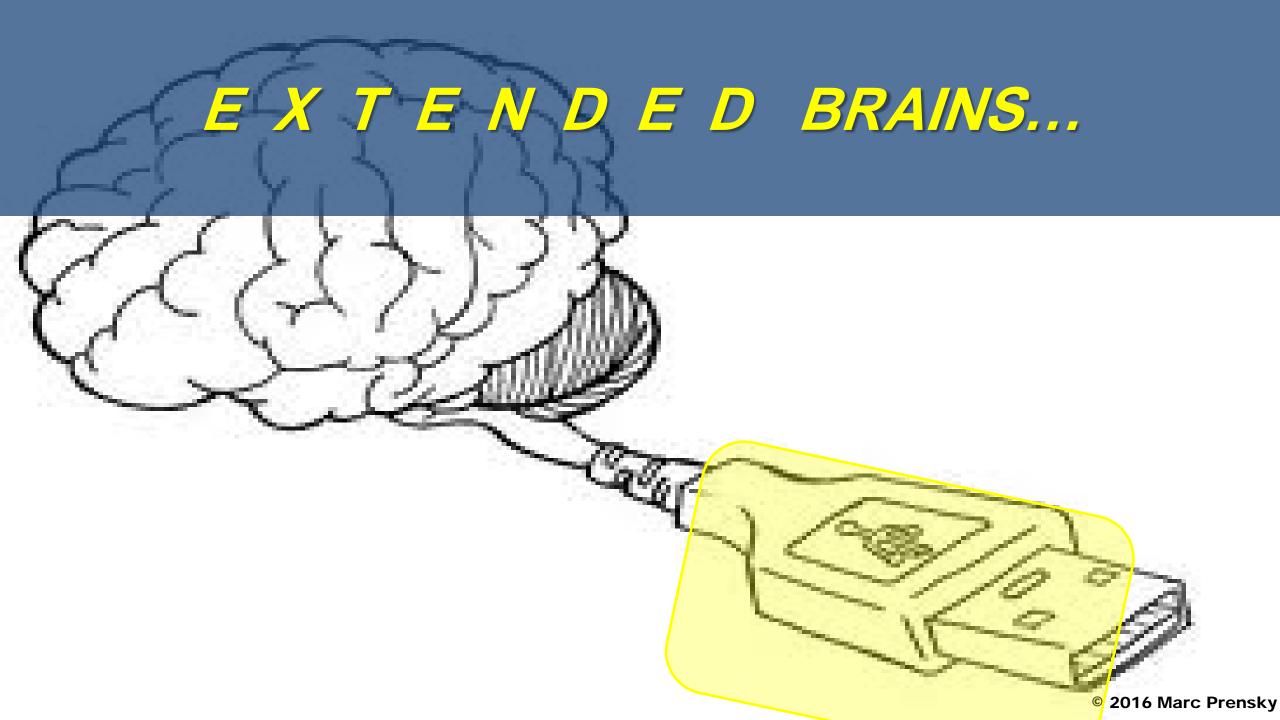


NOW, WITH...



OUR KIDS ARE NO LONGER THE PEOPLE WE WERE IN SCHOOL

THEY ARE NOW PEOPLE WITH













ACT **ACCOMPLISH** BECOME BUILD CREATE FIX HELP

IMPROVE INSPIRE JOIN TOGETHER PRESERVE SHARE **TEACH LEARN**

IN NEW AND BETTER WAYS

Examples...

Real-world Accomplishment Example: KIDS USING TECHNOLOGY POWERFULLY

Primary school kids mapping the brain with Eyewire

Real-world Accomplishment Example: KIDS USING TECHNOLOGY POWERFULLY

High school kids building super-computers

Real-world Accomplishment Example: KIDS HELPING FELLOW CITIZENS

12-year-old girls 3D-printing custom prosthetic hands, using the Internet to find kids who need them

Real-world Accomplishment Example: KIDS IMPROVING THEIR COMMUNITIES

9-year-olds designing a new water park with local architects

Real-world Accomplishment Example: KIDS HELPING DO THE WORK OF GOVERNMENT

11-year-olds doing governmentmandated environmental reports, formerly done by consultants

Real-world Accomplishment Example: KIDS USING TECHNOLOGY POWERFULLY

An 11-year-old becoming one of the world's top cryptographers

Real-world Accomplishment Example: KIDS HELPING DO THE WORK OF GOVERNMENT

High school kids testing local water quality and improving it

Real-world Accomplishment Example: KIDS PRESERVING AND RESTORING OUR HERITAGE

Teens restoring historic ships and artifacts

Real-world Accomplishment Example: KIDS BECOMING ENTREPRENEURS

Primary and middle school kids starting and growing companies ("Ryan's Well," "Color My World")



INFRASTRUCTURE



HEALTH CARE



HISTORIC PRESERVATION



HELPING GOVERNMENT AND PEERS

To serve these kids...

WE NEED TO FUNDAMENTALLY CHANGE THE IDEA OF WHAT GLOBAL EDUCATION SHOULD BE



WE NEED TO BE EMPOWERING OUR KIDS FURTHER... © 2016 Marc Prensky







WE ALREADY DO "A BIT": E.G.

- LONG-TERM PROJECTS
- SERVICE PROJECTS



WE'RE HEADED TOWARD A NEW EDUCATION MATRIX WITH

STEM
HUMANITES

REAL-WORLD ACCOMPLISHMENT
Individual & team solutions
based on
Passions & Local / Global Needs

ARTS

AT ITS CORE, BECAUSE



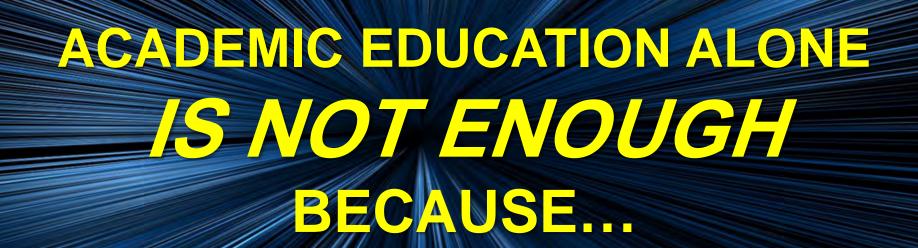


PEOPLE WHO CAN GET THINGS DONE











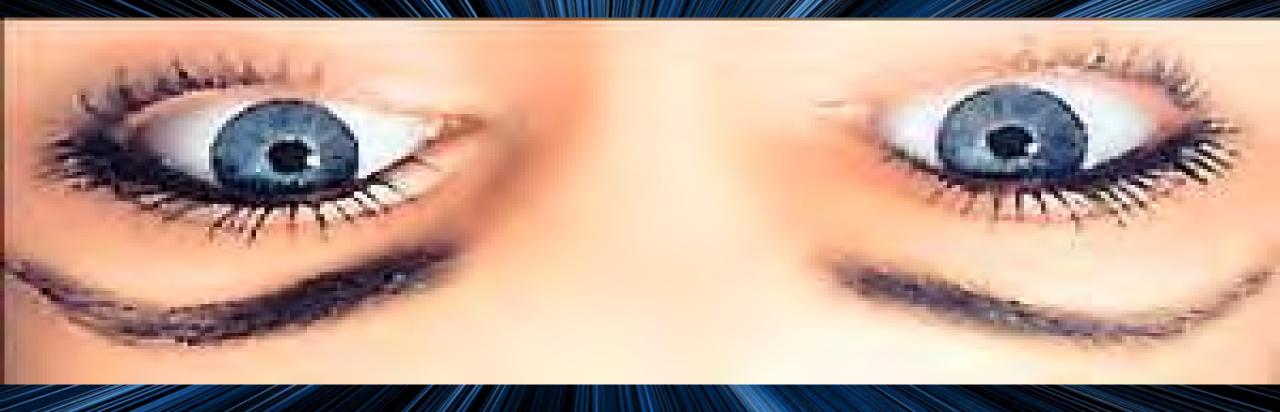
TISA FUNDAMENTAL ERROR

TO THINK THAT IF WE JUST IMPROVE
"ACADEMIC EDUCATION"
(AND PERHAPS ADD A FEW MORE SKILLS)

ALL WILL BE WELL

SO IT'S TIME FOR A



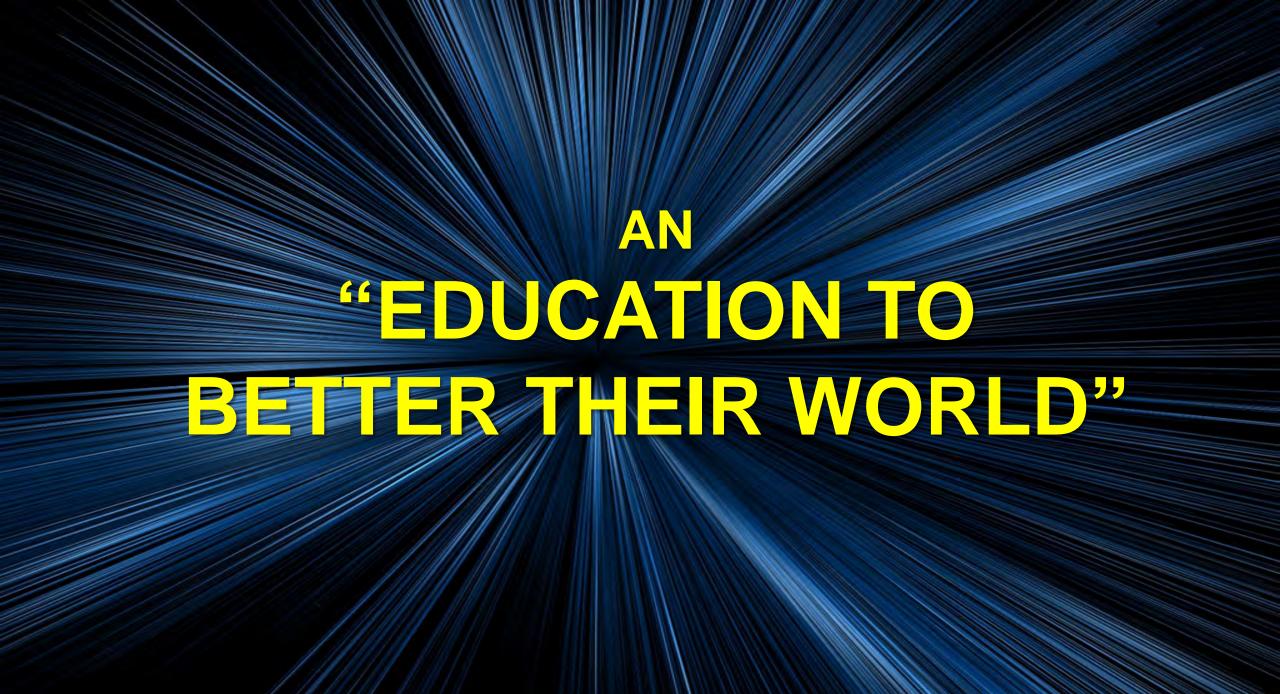


EMILOEdSZEG



AN EDUCATION THAT GOES BEYOND

"ACADEMIC" EDUCATION TO



- BETTER ENDS BETTER MEANS BETTER CURRICULUM BETTER TEACHING
- BETTER TECHNOLOGY USE

A BETTER GOAL, AND END, FOR ALL OF US

BEYOND

PERSONAL ACHIEVEMENT

TO

A BETTER WORLD

and a

A BETTER GOAL, AND END, FOR STUDENTS

TO

BEYOND

"LEARNING"

BECOMING

Good, effective, world-improving people

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"LEARNING" IS A MEANS TO BETTERING THE WORLD AND BECOMING GOOD, EFFECTIVE WORLD-IMPROVING PEOPLE, BUT "LEARNING" IS NOT THE GOAL OF EDUCATING OUR KIDS

BETTERING THEIR WORLD and BECOMING GOOD, EFFECTIVE, WORLD-IMPROVING PEOPLE

IS THE GOAL OF EDUCATING OUR KIDS

BEYOND

LECTURING DISCUSSION TESTING

TO REA

REAL-WORLD
ACCOMPLISHMENT

BEYOND

"MADE-UP PROBLEMS" ΤΟ

REAL-WORLD
PROJECTS

THAT SOLVE REAL
PROBLEMS

BEYOND

THE NEEDS OF THE TEACHER AND CLASS

TO

THE NEEDS OF THE LOCAL AND GLOBAL WORLD

BEYOND

CLASS PROJECTS AND PROBLEMS

TO

"APPLIED PASSIONS"
OF INDIVIDUALS AND TEAMS

BEYOND

A TRANSCRIPT OF GRADES AND PRIZES

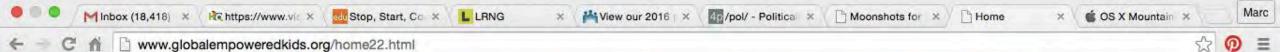
TO

A RESUME OF
REAL
ACCOMPLISHMENTS





OUR KIDS ARE ALREADY STARTING TO DO THIS ON THEIR OWN:



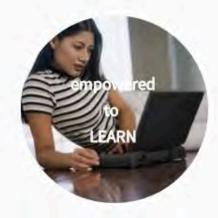


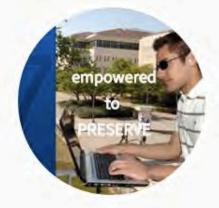
EMPOWERING KIDS THROUGH REAL-WORLD ACCOMPLISHMENT



















A FAR BETTER "SUPPORTING" CURRICULUM

BEYOND

TRADITIONAL SUBJECTS

TO

THINKING
ACTION
RELATIONSHIPS
ACCOMPLISHMENT

WE NEED TO GET BEYOND...

SILE VESS

MATH, ENGLISH, SCIENCE, SOCIAL STUDIES

TO A SUPPORTING CURRICULUM OF



Effective

THINKING



Effective ACTION



Effective

RELATIONSHIPS

And especially



Effective, Real-World

ACCOMPLISHMENT

BECAUSE...

"SUBJECTS" are needed in different amounts by each student

"GENERALIZED SKILLS" are needed as much as possible by EVERY student

IT'S IMPORTANT TO UNDERSTAND THAT, IN TERMS OF SKILLS TAUGHT...

TODAY'S GLOBAL K-12 CURRICULUM IS INCREDIBLY NARROW

TAUGHT SYSTEMATICALLY TODAY

Reading

Mathematical Thinking

Understanding written communication

Writing

Research

(Critical Thinking)

(Scientific Thinking)

(Citizenship?)



NOT TAUGHT SYSTEMATICALLY TODAY:

Effective THINKING

Problem-Solving

- individual
- collaborative

Curiosity &

Questioning

Creative Thinking

Design Thinking

Integrative Thinking

Systems Thinking

Financial Thinking

Inquiry/Argument

Judgment

Transfer

Aesthetics

Habits of Mind

Positive Mindset

Self-knowledge of

- Passions
- Strengths

Stress control

Focus

Contemplation & Meditation

Effective ACTION

Habits of Highly Effective People

Agility

Adaptability

Leadership & followership

Decision Making

under uncertainty

Experimentation

Prudent Risk-taking

Reality testing / feedback

Patience

Resilience

"Grit"

Entrepreneurship

Innovation

Improvisation & Ingenuity

Strategy & Tactics

Breaking barriers

Project management

Programming machines

Video making

Innovating w/future tech

Effective RELATIONSHIPS

Communication and

Collaborating

- One-on-one
- in teams
- in families
- in communities
- at work
- online
- in virtual communities

Listening

Networking

Relationship building

Empathy

Courage

Compassion

Tolerance

Ethics

Politics

Conflict Resolution

Negotiation

Coaching/being coached

Peer-to-peer



Problem solving (collaborative & individual)

Curiosity and questioning

Creative Thinking

Design Thinking

Integrative Thinking

Systems Thinking

Financial Thinking

Inquiry / Argument

Judgment

Transfer

Aesthetics

Habits and biases of the mind

Positive Mindset

Stress Control

Focus

Contemplation & Meditation

Self-Knowledge of one's

- Passions
- Strengths



Habits of Highly Effective People

Agility

Adaptability

Leadership

Followership

Experimentation

Decision-making under uncertainty

Prudent risk-taking

Reality testing / feedback

Patience

Resilience

"Grit"

Entrepreneurship

Innovation

Improvisation

Ingenuity

Strategy & Tactics

Breaking barriers

Project management

Programming Machines

Video making

Innovating with Future Technologies



Collaborating & Communicating One-on-one

Collaborating & Communicating In teams

Collaborating & Communicating In communities

Collaborating & Communicating In families

Collaborating & Communicating At work

Collaborating & Communicating Online

Collaborating & Communicating In virtual worlds

Collaborating & Communicating With machines

Listening

Networking

Relationship building

Empathy

Courage

Compassion

Tolerance

Ethics

Politics

Conflict Resolution

Negotiation

Peer-to-peer helping

Coaching & being coached



BUTTO ACQUIRE THE CURRICULUM WE NEED TO GO

BEYOND

Learning "subjects"

TO

ACQUIRING SKILLS
AND KNOWLEDGE

AS NEEDED FOR
PROJECTS

A FAR BETTER KIND OF "TEACHING"

BEYOND

Content delivery

TO

COACHING and EMPOWER-MENT

A FAR BETTER USE OF TECHNOLOGY

BEYOND

Old things done in new ways

TO

NEW AND POWERFUL THINGS

USES OF TECHNOLOGY

"TRIVIAL"

Searching

Writing

Research

Calculating

Watching video

POWERFUL

Real-time connection Creating Apps Complex analyses Simulation Making video Robotics



- BETTER ENDS BETTER MEANS BETTER CURRICULUM BETTER TEACHING
- BETTER TECHNOLOGY USE



WITH A NEW EDUCATION MATRIX

WHOSE CORE FOCUS IS REAL-WORLD ACCOMPLISHMENT

New Core, Needed by al

Needed by individuals in varying amounts

Global & Local Awareness

Effective

Effective

Effective Relationships

STEM

HUMANITES

ARTS

REAL-WORLD ACCOMPLISHMENT

Individual & team solutions based on

Passions & Local / Global Needs

IT DOES NOT MEAN REMOVING MATH, LANGUAGE, SCIENCE AND SOCIAL STUDIES FROM OUR EDUCATION,

BUT, RATHER, INDIVIDUALIZING THOSE SUBJECTS
TO FIT STUDENTS' APPLIED PASSIONS AND
TO HELP OUR KIDS IMPROVE THE WORLD THROUGH
REAL-WORLD ACCOMPLISHMENTS











"AN EDUCATION TO BETTER THEIR WORLD"

What we need to do now is to convince

- PARENTS
- TEACHERS
- OUR COMMUNITIES

THAT THIS IS THE RIGHT WAY TO GO







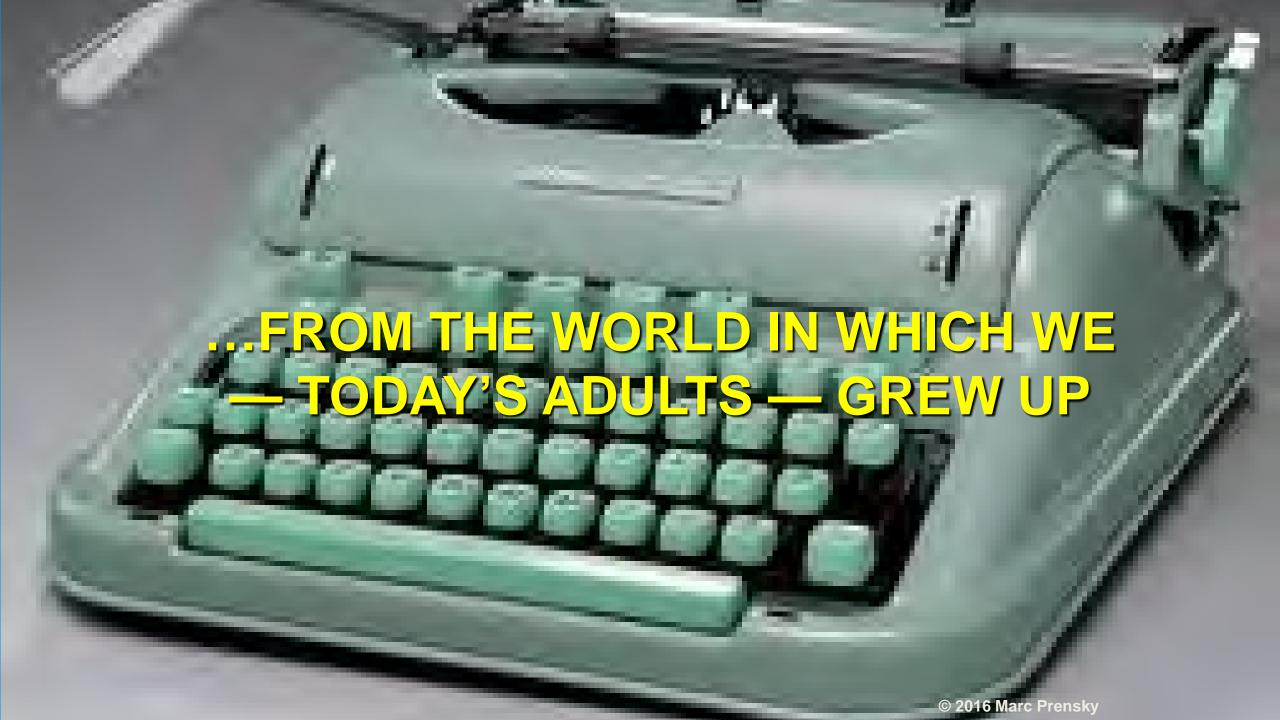
















TO CREATE A NEW EDUCATION THAT IS

BETTER FOR OUR KIDS

BETTER FOR US

EDUCATION TO BETTER THEIR WORLD IS BETTER FOR OUR KIDS

because it provides them with

- INDEPENDENCE
- APPLIED PASSION
- A STRONG RESUME OF ACCOMPLISHMENTS
 - A STRONG SENSE OF HOW THEY FIT INTO THE FUTURE WORLD.

EDUCATION TO BETTER THEIR WORLD IS BETTER FOR ALL OF US

DECAUSE IT LIBERATES HUGE AMOUNTS
OF UNUSED STUDENT POTENTIAL
TO IMPROVE OUR
COMMUNITIES AND OUR WORLD



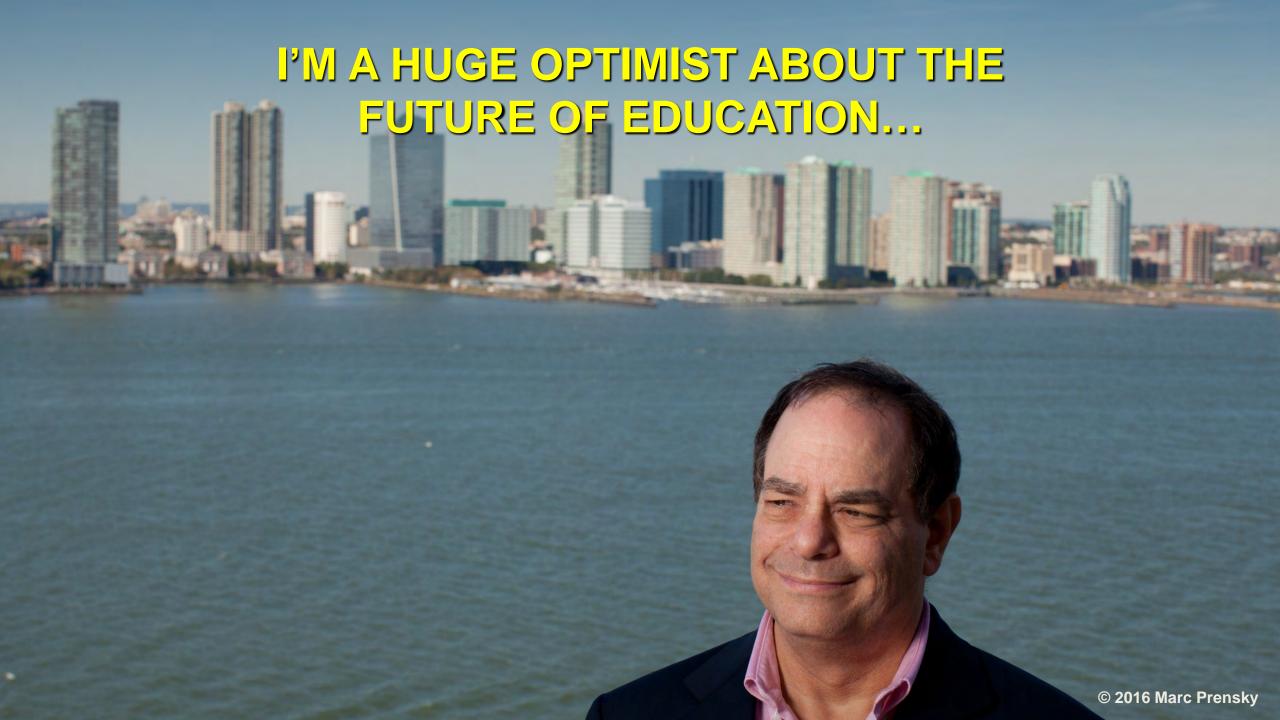












BECAUSE I'M A HUGE OPTIMIST ABOUT TODAY'S KIDS!



ALL KIDS EVERYWHERE!







Effective

THINKING





Effective ACTION



Effective

RELATIONSHIPS

And especially



Effective, Real-World

ACCOMPLISHMENT









INDEPENDENCE

APPLIED PASSION

A STRONG SENSE OF ACCOMPLISHMENT

ASTRONG SENSE OF HOW THEY FIT INTO THE FUTURE WORLD



WE NEED TO HELP THE PARENTS UNDERSTAND
HOW TO SUPPORT THEIR KIDS
AS THEY BECOME EMPOWERED
AND GO DOWN NEW PATHS!

PARENTING STYLE

Respect for elders
Obedience
Good manners
Well-behaved

Independence
Self-reliance
Curiosity
Considerate

"AUTHORITARIAN"



TRUMP





...IF WE REMIND OURSELVES THAT THE TWO MOST IMPORTANT WORDS ANY EDUCATOR CAN SAY TO ANY STUDENT ARE THESE:

"Surprise me."





Marc Prensky

THE WORLD
NEEDS
A NEW
CURRICULUM

THE GLOBAL FUTURE EDUCATION FOUNDATION AND INSTITUTE

Marc Prensky EDUCATION TO **BETTER THEIR WORLD**

MOONSHOTS IN EDUCATION

Launching Blended Learning in the Classroom

By Esther Wojcicki and Lance Izumi Foreword by James Franco To get the slides:

email:

marcprensky@gmail.com

