



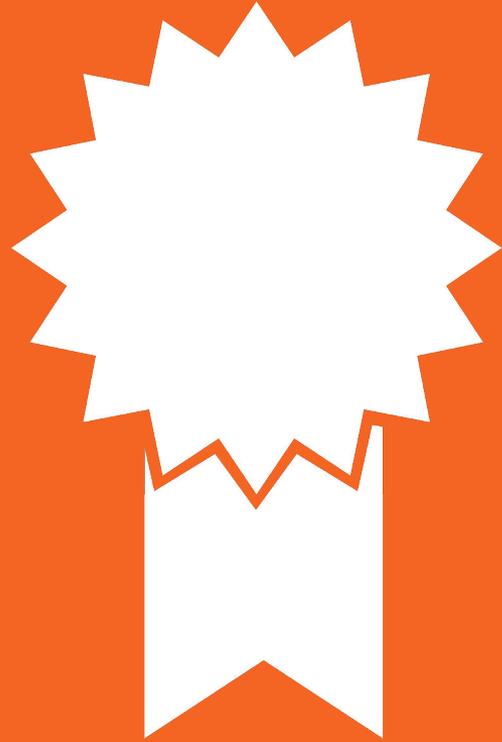
LET'S LIGHT A FIRE!

Kasey McCurdy
VP of Engineering @ Bunchball
 @pyroblue

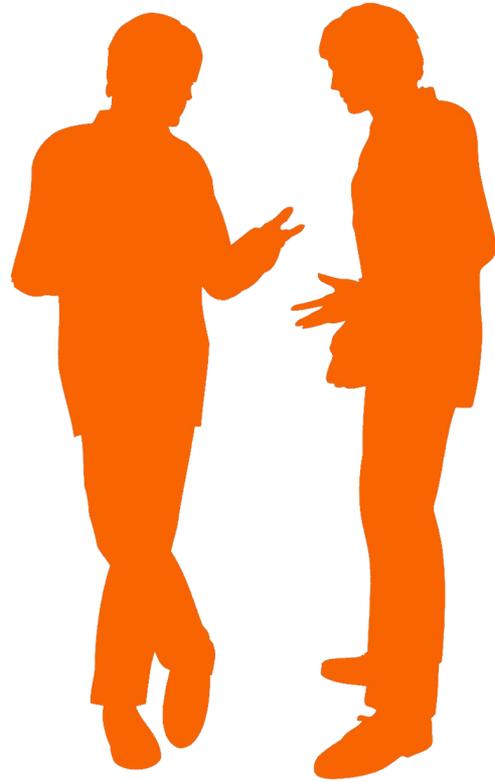
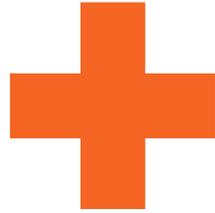






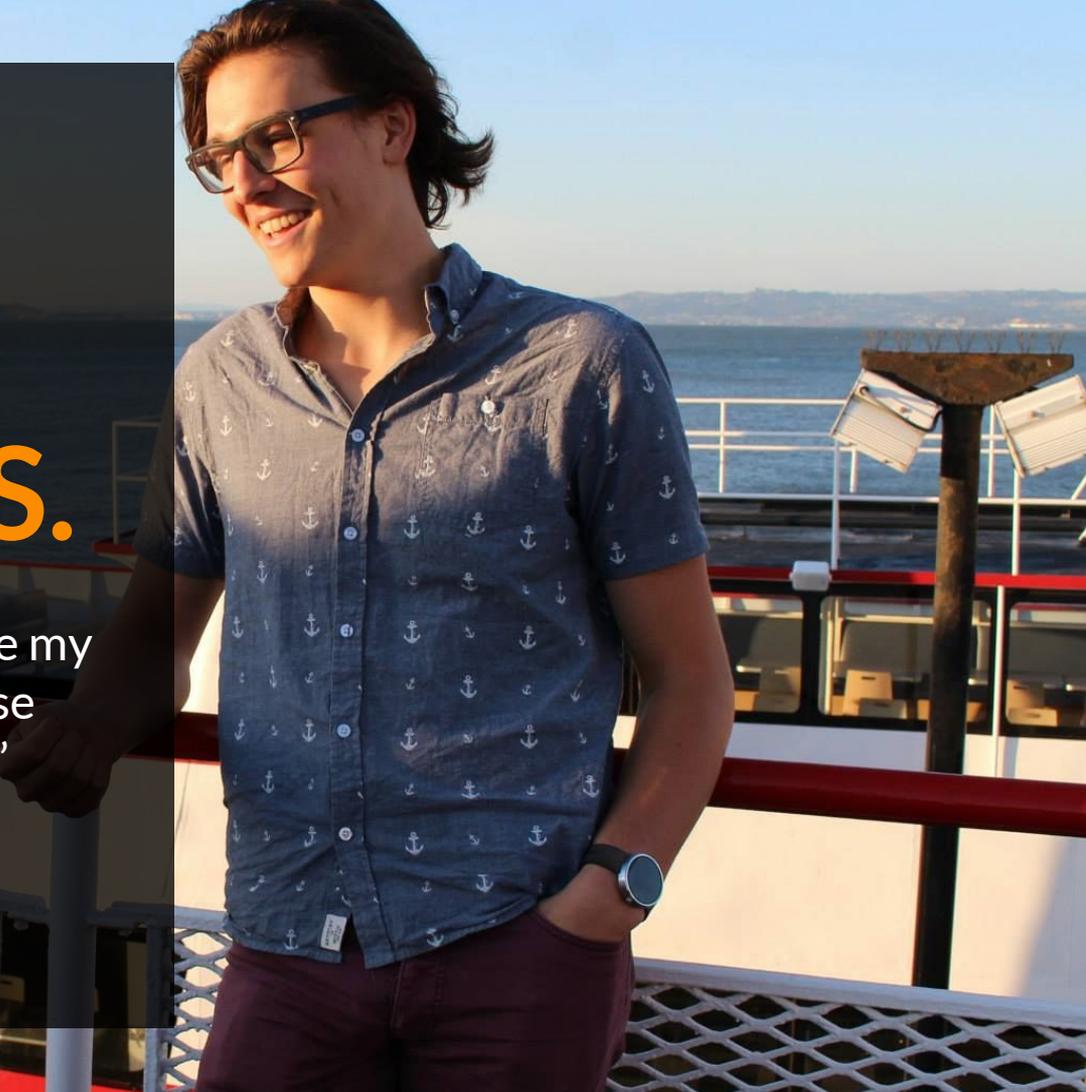






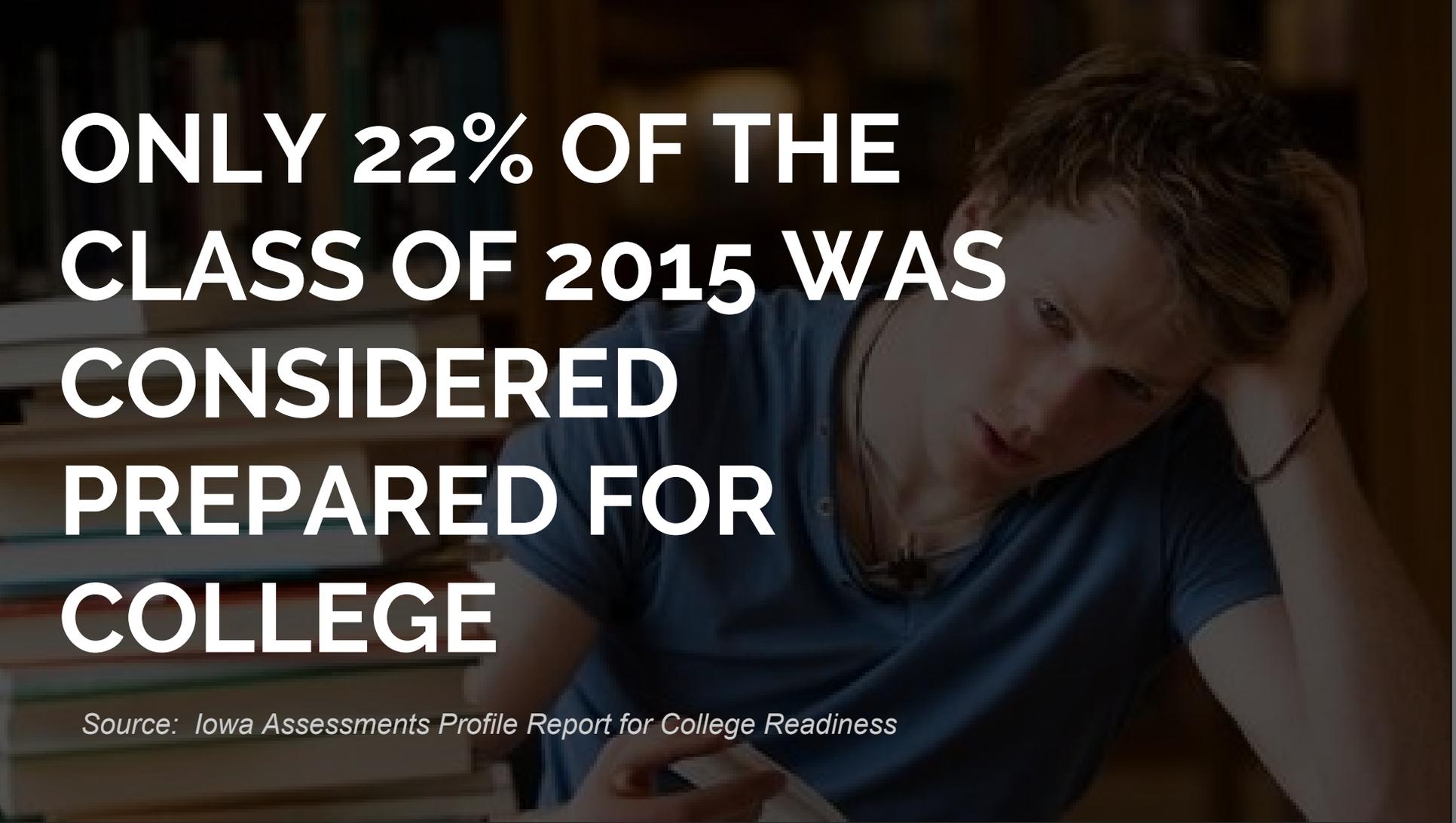
“IT WAS RIDICULOUS.”

My professor was telling me to take my passion and move it somewhere else cause the university didn't want it.”



**“SOLVING
TESTS IS NOT
PROBLEM
SOLVING”**





**ONLY 22% OF THE
CLASS OF 2015 WAS
CONSIDERED
PREPARED FOR
COLLEGE**

Source: Iowa Assessments Profile Report for College Readiness

“We are losing them.

They’re just not as engaged
as they could be...”

ENGAGEMENT = **SUCCESS**
NOW + LATER



**MOTIVATION & ENGAGEMENT
THROUGH BIG DATA**

A Costly Engagement Problem

13%
Engaged

63%
Not
Engaged

24%
Actively
Disengaged

56%

OF HIGH SCHOOL
STUDENTS ARE
NOT ACTIVELY
INVOLVED OR
INVESTED IN
SCHOOL



Source: 2012 Gallup Student Poll

Kasey McCurdy

DO YOUR WORK. DON'T BE STUPID.



Edit profile

Kasey McCurdy

@pyroblue

Bunchball, Javascript Junkie, Mobile
Dev, Gamification Geek, Open-Source
Design, Running, Cycling, CrossFit,
Aid Drinker, GoRuck Tough, Husband,
Father

📍 iPhone: 0.000000,0.000000

📅 Joined July 2008



Kasey McCurdy @pyroblue · Feb 29

Meet the New Raspberry Pi 3 — A 64-bit Pi With Built-in Wireless and Bluetooth LE makezine.com/2016/02/28/mee... //AMAZING

About to eat my vegan, gluten free, soy free, antibiotics free, raw, non GMO, organic, fat free, low carb dinner



GB USA MEX

**ONE SIZE
DOES NOT
FIT ALL**



Von links bügeln / Iron inside out /
repasser sur l'envers / **FR**

30x

**MORE LIKELY TO
BE ENGAGED**

when educators know and
committed to building their
STRENGTHS.



Source: Gallup Education



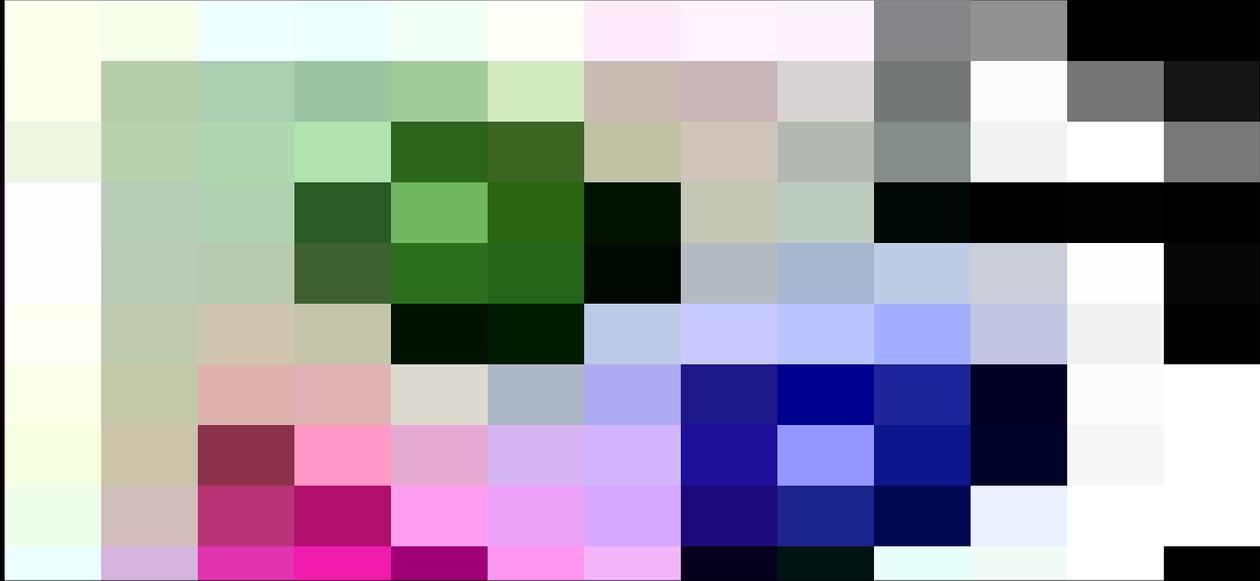
future ready.



BUNCHBALL IOWA, 2010



BUNCHBALL IOWA, 2016



BUNCHBALL IOWA, 2018?



future. **ready?**

What are the jobs of
our future?

What skills should
we focus on?

“Most people, throughout history and the world, have been funneled into jobs based on **what’s needed**, what their family does, what will earn them enough money to live on, what they’re **allowed to do** and what they can afford to train in. If they like their job -- all the better!”



ONE SURE-FIRE WAY
TO THRIVE IN OUR
FUTURE IS TO...

INVENT IT.

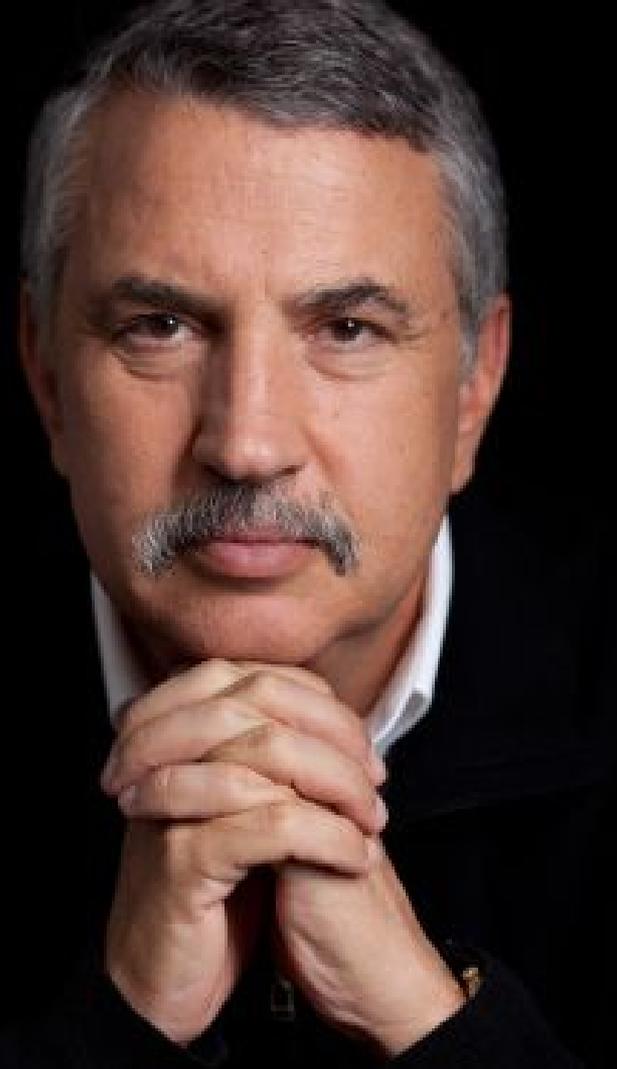


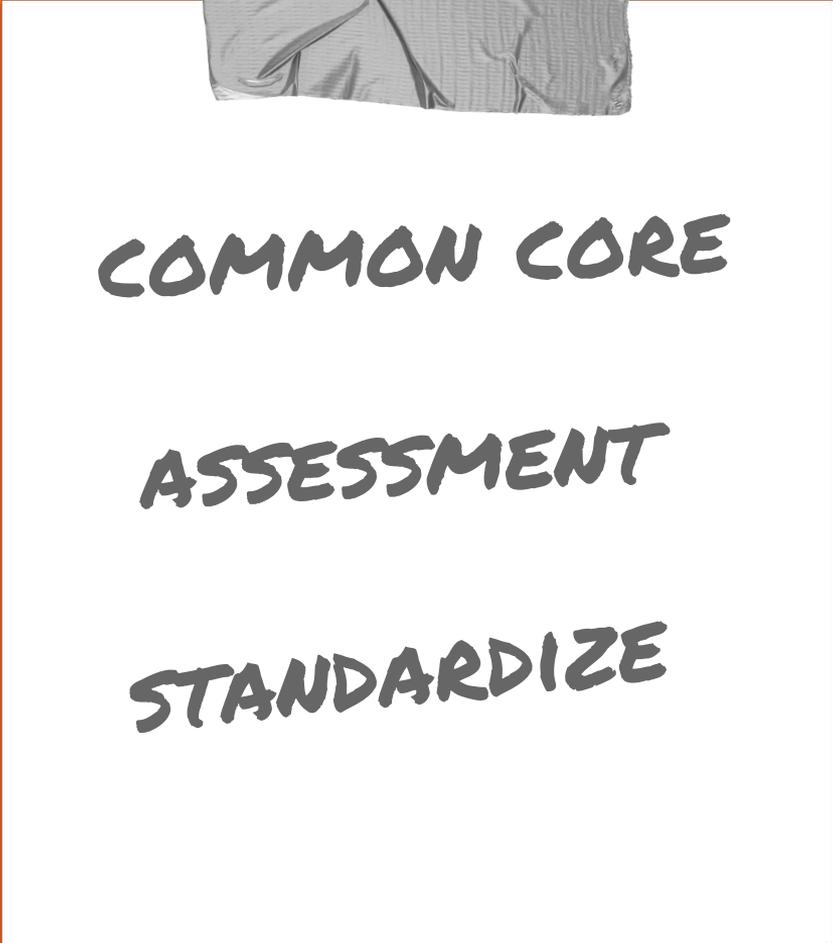
“We need everyone to be innovating new products and services to employ the people who are being liberated from routine work by **automation and software.**

The winners won't just be those with more I.Q. It will also be those with more **P.Q. (passion quotient)** and **C.Q. (curiosity quotient)**...to not just find a job, but to **invent one** or reinvent one, and to not just learn but to relearn for a lifetime...”

Thomas Friedman

The New York Times





COMMON CORE

ASSESSMENT

STANDARDIZE



PASSION!



“The only people that will change the world are people who **want to**. And not everybody does...”

Hugh MacLeod, Author





only
62%

**of Millennials think
their college degree
has “paid off”**

Pew Research

84%

of Generation X agree
their college experience
has “paid off”



89%

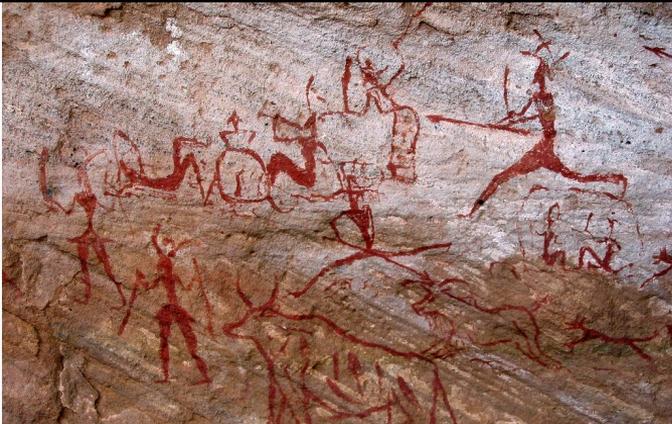
of Baby Boomers agree
their college experience
has “paid off”





\$35,000+

2015 Average Student Debt





A woman with blonde hair, wearing a purple short-sleeved shirt, is seated at a table. She is looking towards the right side of the frame. In front of her is a large white document. To her left, the back of a man's head and shoulder is visible. To her right, the back of a woman's head and shoulder is visible. The background shows a window with a view of a city and a small vase with pink flowers on the table.

**BACHELOR'S
DEGREE
REQUIRED**

The word “college” isn’t even in Google’s official guide to hiring.

<http://www.google.com/about/careers/lifeatgoogle/hiringprocess/>

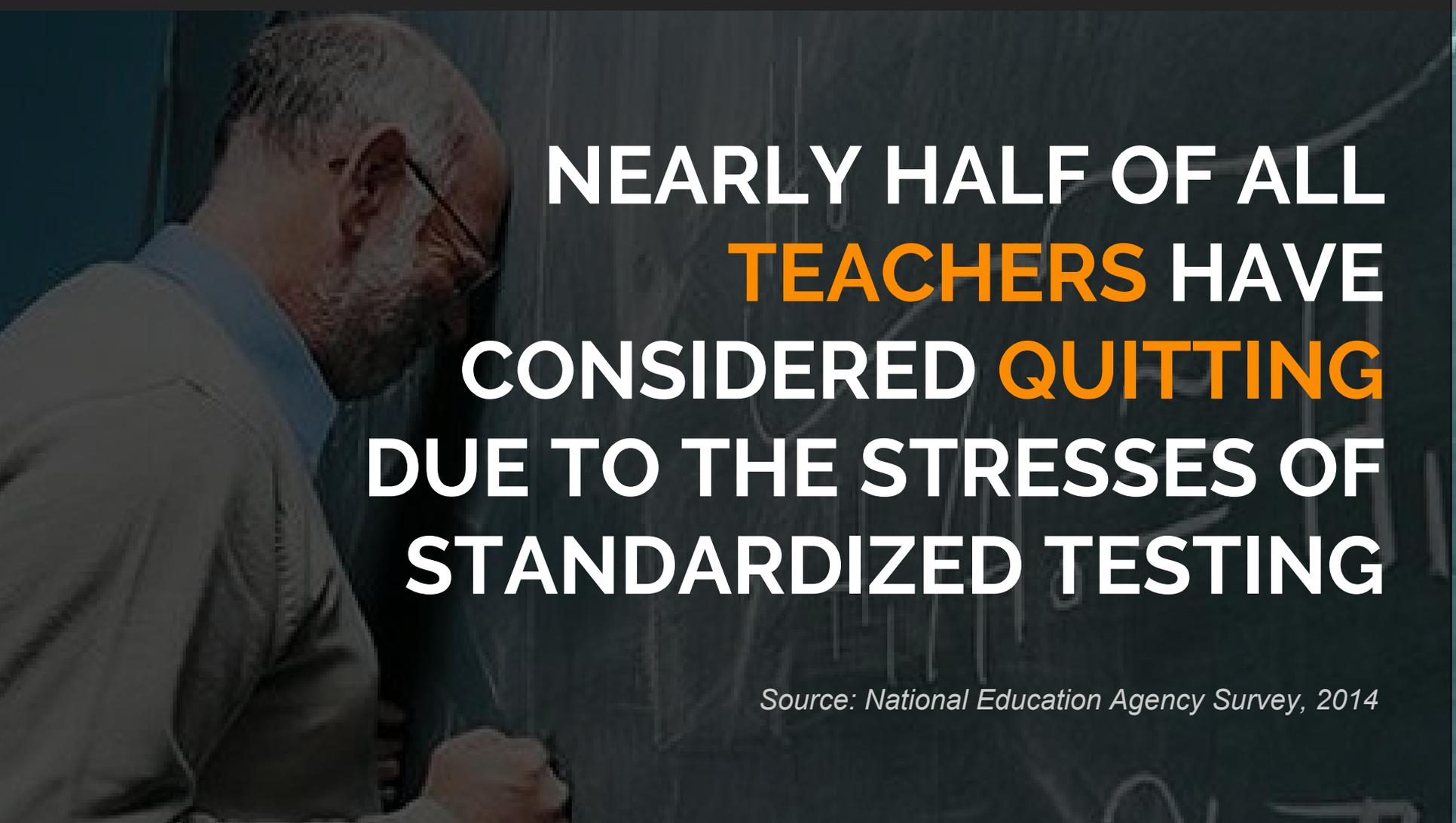
EDUCATION IS IMPORTANT.

LEARNING IS VITAL.

PASSION IS NON-NEGOTIABLE.

Let's not give every 18-year-old kid a blank check and false promises.

- Me

A man with a beard and glasses, wearing a light-colored suit jacket and a blue shirt, is looking down at a chalkboard. The chalkboard is filled with faint, hand-drawn mathematical diagrams, including a large circle with a vertical line through its center, and various lines and points. The background is dark and slightly blurred.

NEARLY HALF OF ALL
TEACHERS HAVE
CONSIDERED **QUITTING**
DUE TO THE STRESSES OF
STANDARDIZED TESTING

Source: National Education Agency Survey, 2014

THE GOOD NEWS:
YOU ARE A FORCE
MULTIPLIER

THE GOOD NEWS:

THE FIX IS SIMPLE

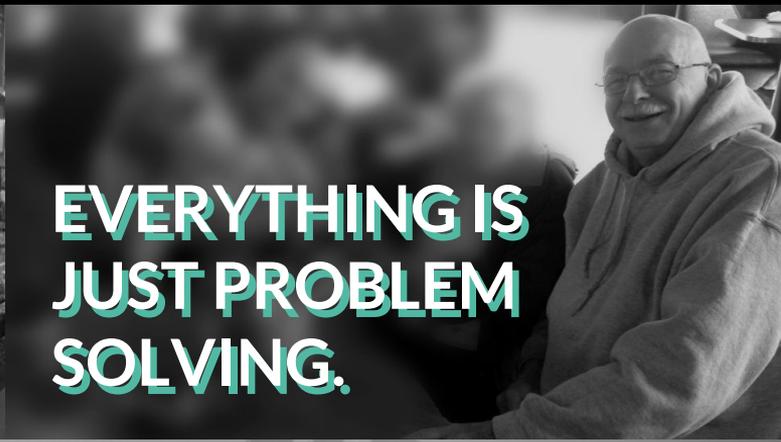
THE GOOD NEWS:
PASSION IS FUELED BY
SMALL ACTS OF AWESOME



**BE DECENT.
WORK HARD.**



**LEARN TO
INTERACT WITH
EVERYONE.**



**EVERYTHING IS
JUST PROBLEM
SOLVING.**



**IT'S OK TO
BREAK STUFF.**



**WORK HARD.
PLAY HARD.**



**TAKE RISKS.
YOU CAN
CREATE
ANYTHING.**

Every fire, large or small,
starts with one spark.

It's the fuel that turns it
into an inferno.



BE SOMEONE'S FUEL.