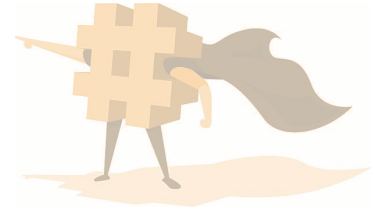
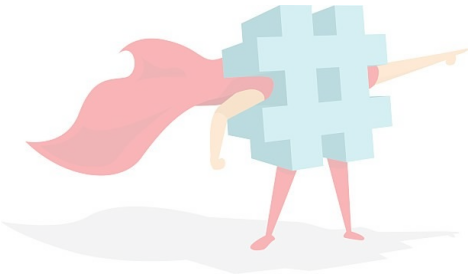


A Profession of

Buzzwords:

Reclaiming and Redefining the Language of Teaching



Jon Gustafson
@MrGmpls

research  **ED**
Philadelphia 2019
#rEDPhil19

Discovering a New Language of Teaching



Cognitive Psychology



No thank you!

Where We Get Our Language Currently



Collective Pool of Knowledge



Teacher Training

Pedagogical Telephone



Reform Burnout

Initiative Overload

Sounds great,
doesn't mean
much

The Greatest Hits of EduBuzzwords

Buzzwords fuel **Myths**

What buzzwords do
you hear frequently?

The Big 5

#motivation

#rigor

#personalizedlearning

#inquiry

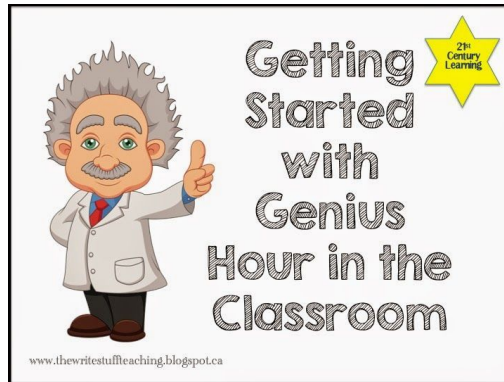
#engagement

#motivation



Daniel Pink's *Drive*

Self-Determination
Theory



Students decide:

- What to study
- How to study
- How to be assessed

Remember

- Mastery and Motivation
- Mastery is more than a “mindset”
- Students are not *employees*. Schools are not *start-ups*.

#rigor



“Heavy Lifting”
“Grit”
“Problem-solving”

“Unproductive Struggle”

Remember

Desirable Difficulties

- Retrieval practice (low stakes quizzing)
- Spaced practice
- Interleaved practice

#personalizedlearning



Future of Work
“21st Century Skills”

40 schools
10,000 students



“Personalized Learning
remains hard to
distinguish, harder to
implement, and even
harder to **expand and
replicate** across schools”

“Personalized Learning: Modest Gains,
Big Challenges, RAND Study Finds”

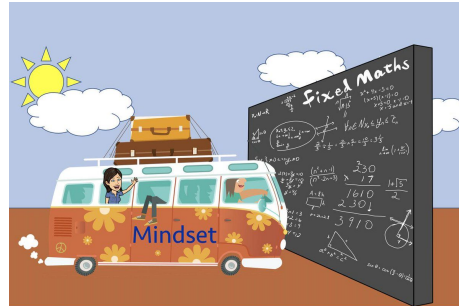
Remember

- Are chromebooks and ipads the best we can do?
- Collective learning and shared knowledge
- Critical Thinking & Problem solving grows with background knowledge

#inquiry

Curiosity instead of **compliance**

Allow students to **“construct”** their solutions and understandings



Remember

- Inquiry *improves* as knowledge deepens
- Explicit instruction **first**, inquiry **later**....
- It's okay to be a **“novice” learner** - sports, music etc.

#engagement



More...

- Technology
- Group projects
- Movement
- Student voice

"The hands-on is an application of or testing of knowledge. When there is no background knowledge **it's closer to play**"

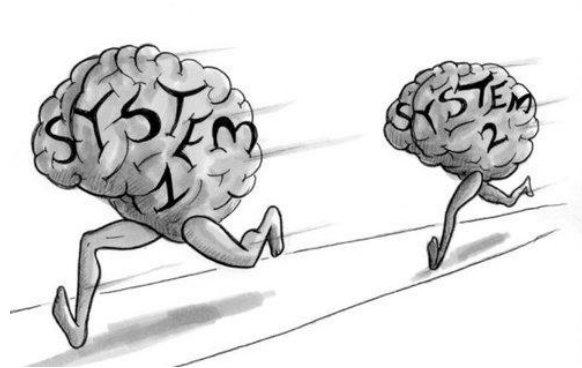
-Doug Lemov

Remember

- Engagement through *connecting knowledge*
- Very easy to be engaged and not learn much at all

Why Do We Fall for Buzzwords?

Daniel Kahneman
Thinking Fast and Slow



“Fast”
Impulsive

“Slow”
Analytical

EduBuzzwords are:

- Intuitively “easy”
- Driven by aspiration

Complex question we don't know answer to?

“SUBSTITUTION”

e.g. How do we best teach reading?

Can We Create Better Buzzwords?

CAUTION

#KnowledgeRich

#CurriculumMatters

All buzzwords:

1. Dilute
2. Distort
3. Disillusion

Instead of **buzzwords**, we need to develop teacher **expertise**

Developing Research Comprehension

- Cognitive Load Theory
- Retrieval Practice
- Explicit Direct Instruction
- Checking for Understanding
- Explicit Writing Instruction

Increase:

- Teacher **excitement**
- Teacher **buy-in**
- T2T **communication**
- Redevelop our shared **vocabulary**

Thank you!

What questions do you have?

