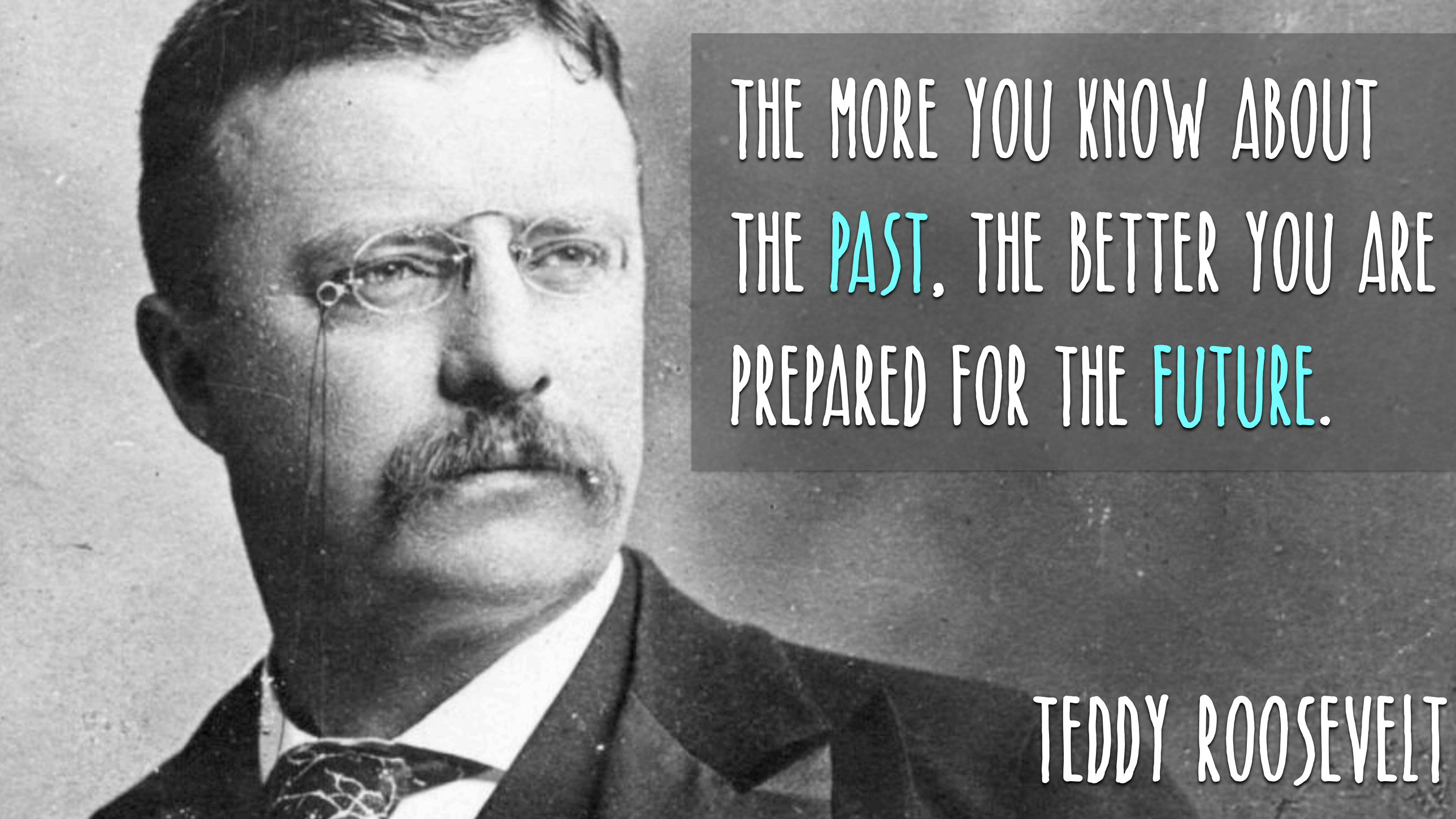
Carl Hooker
Educational Consultant &
Strategist

#EpicPD

@mrhooker


THE MORE YOU KNOW ABOUT
THE PAST, THE BETTER YOU ARE
PREPARED FOR THE FUTURE.
TEDDY ROOSEVELT

2001 CASEY ELEMENTARY SCHOOL 2002

CHALLENGE #1
In 2 minutes - Get with a partner or small group and list as many social media sites/ apps you can think of.
0
Patagonia

2030
2027
2031
EXIT

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Creating FUTURE READY Schools

Global Future

Disruptive Technology

Use of Space & Time

District Mindset

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Global
Future
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Then and Now

Detroit Steel

Blockbuster

Toys R Us

General Foods

TWA

American Motors

Compaq

Woolworth's

Polaroid

Companies that no longer exist

Zenith's

DeLorean

Tower Records

Enron

Border's Books

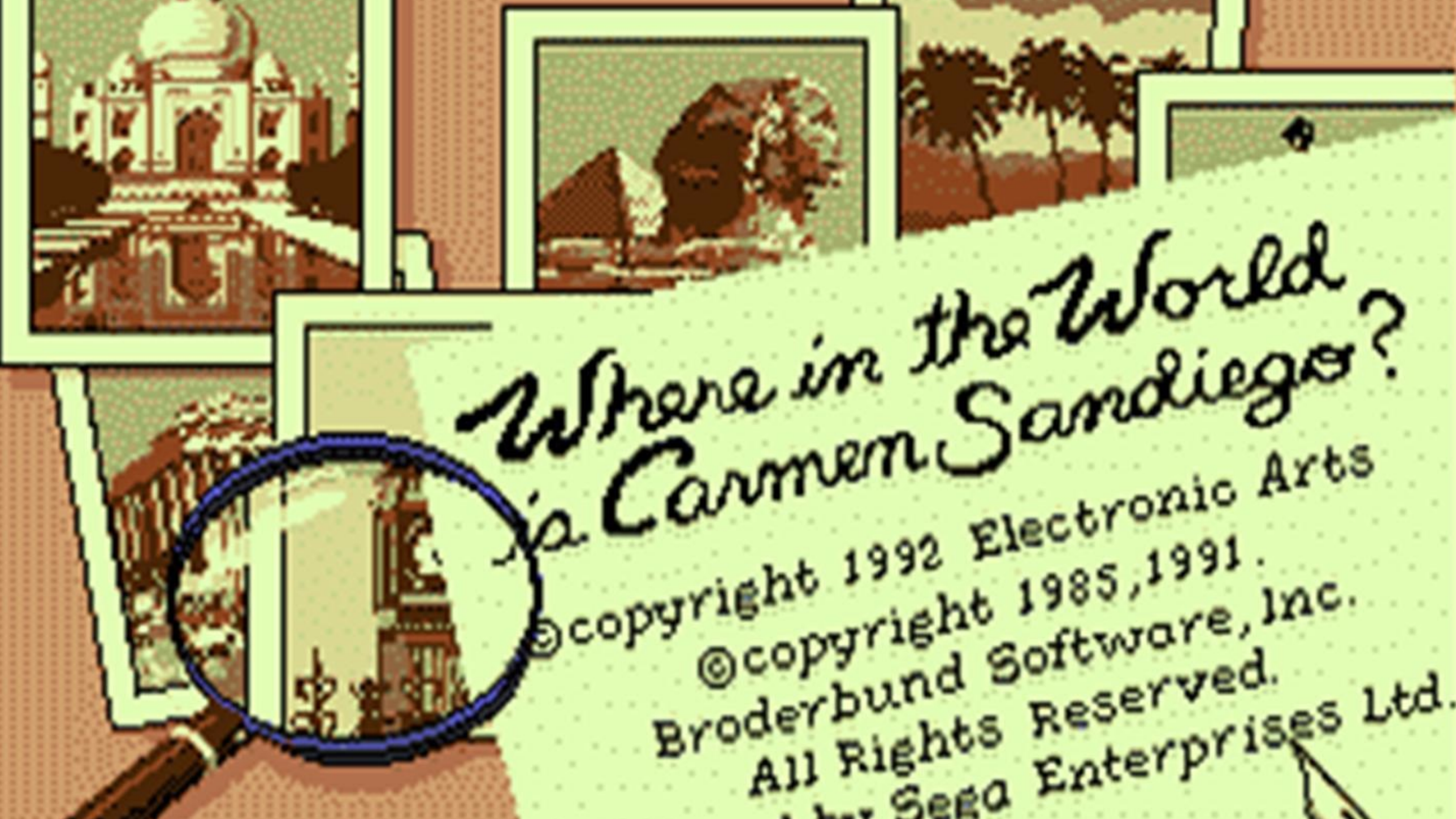
Continental Airlines

Circuit City

Pan Am

MCI WorldCom

Computer
Center


Where in the World is Carmen Sandiego?
©copyright 1992 Electronic Arts
©copyright 1985,1991.
Broderbund Software, Inc.
All Rights Reserved.
by Sega Enterprises Ltd.

Target

Google

Microsoft

Amazon

Jet Blue

Nike

Home Depot

Dell

Costco

Companies that didn't exist 40 years ago

Starbucks

Facebook

Intel

PayPal

Qualcomm

Adobe Systems

Best Buy

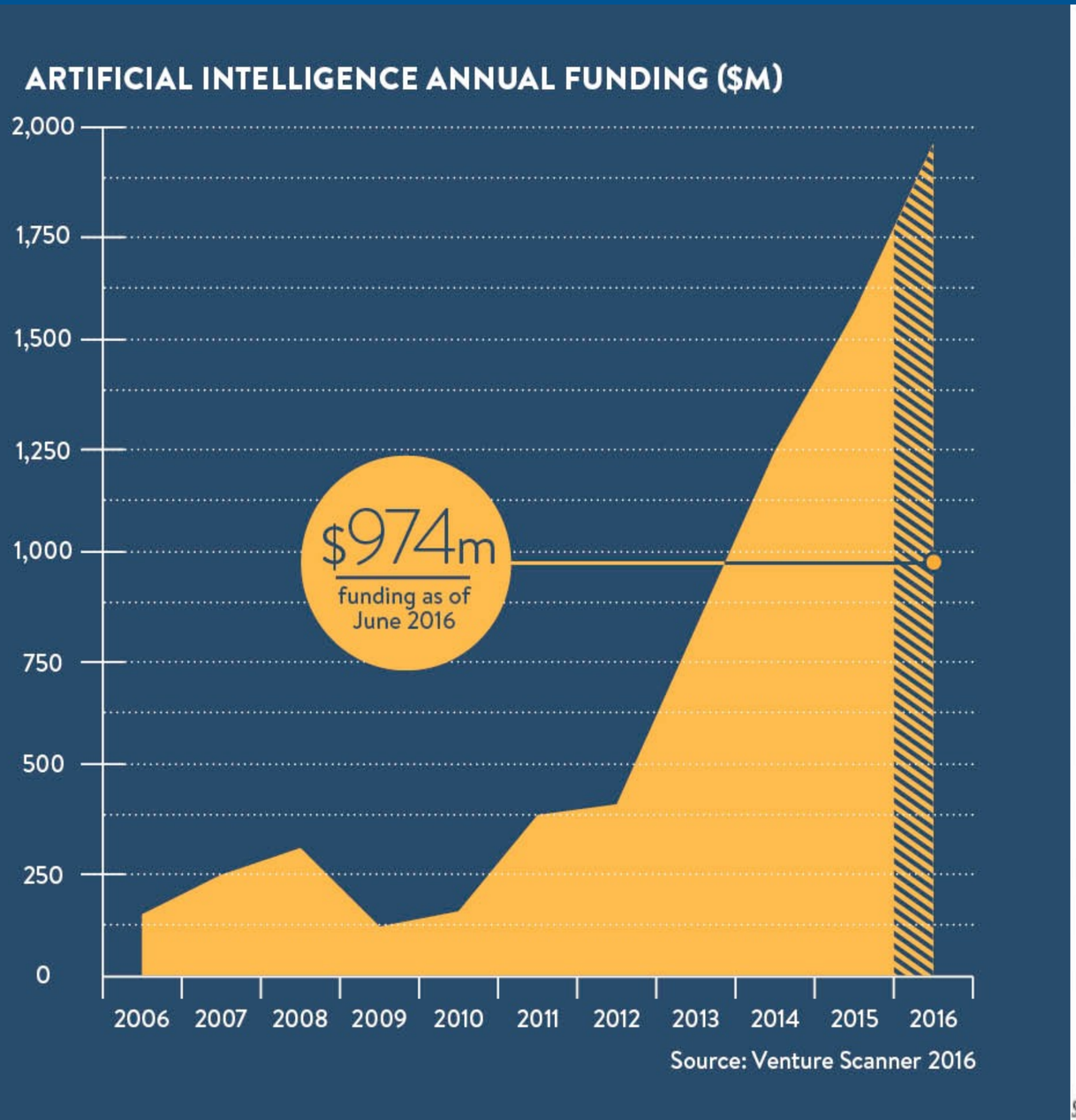
Pfizer

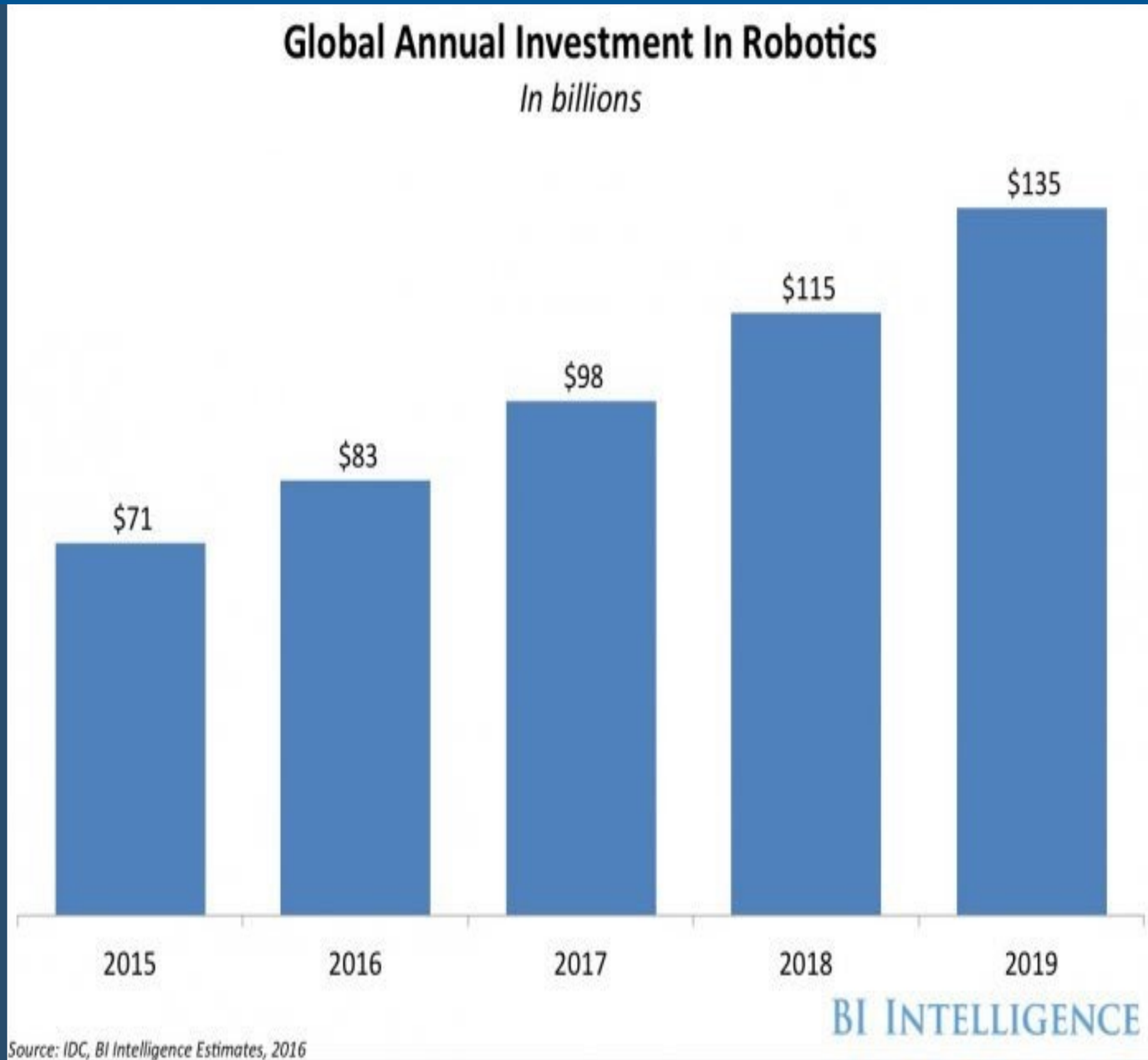
Tesla

Virgin Atlantic

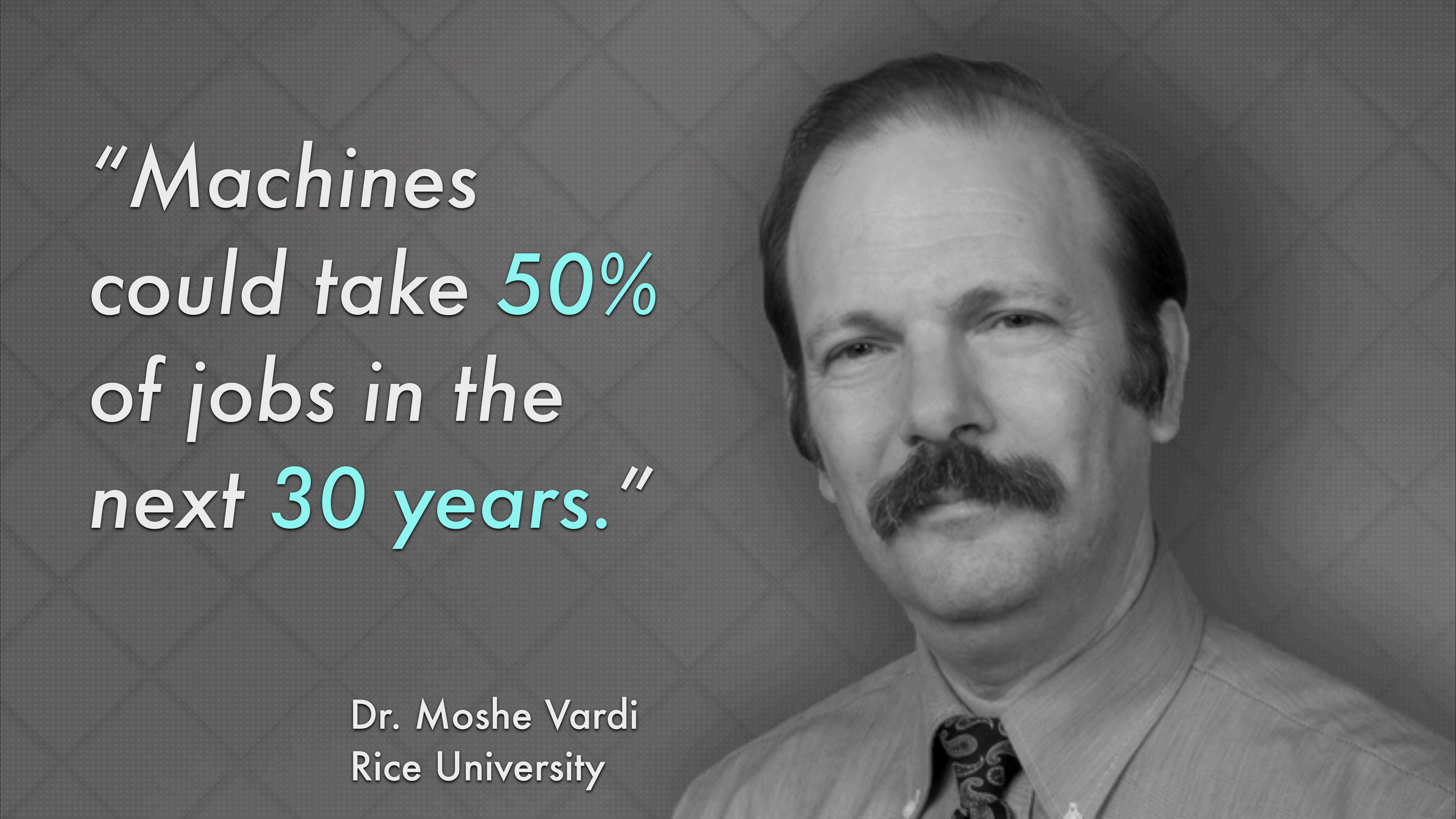
Apple

Money invested in AI & Robotics



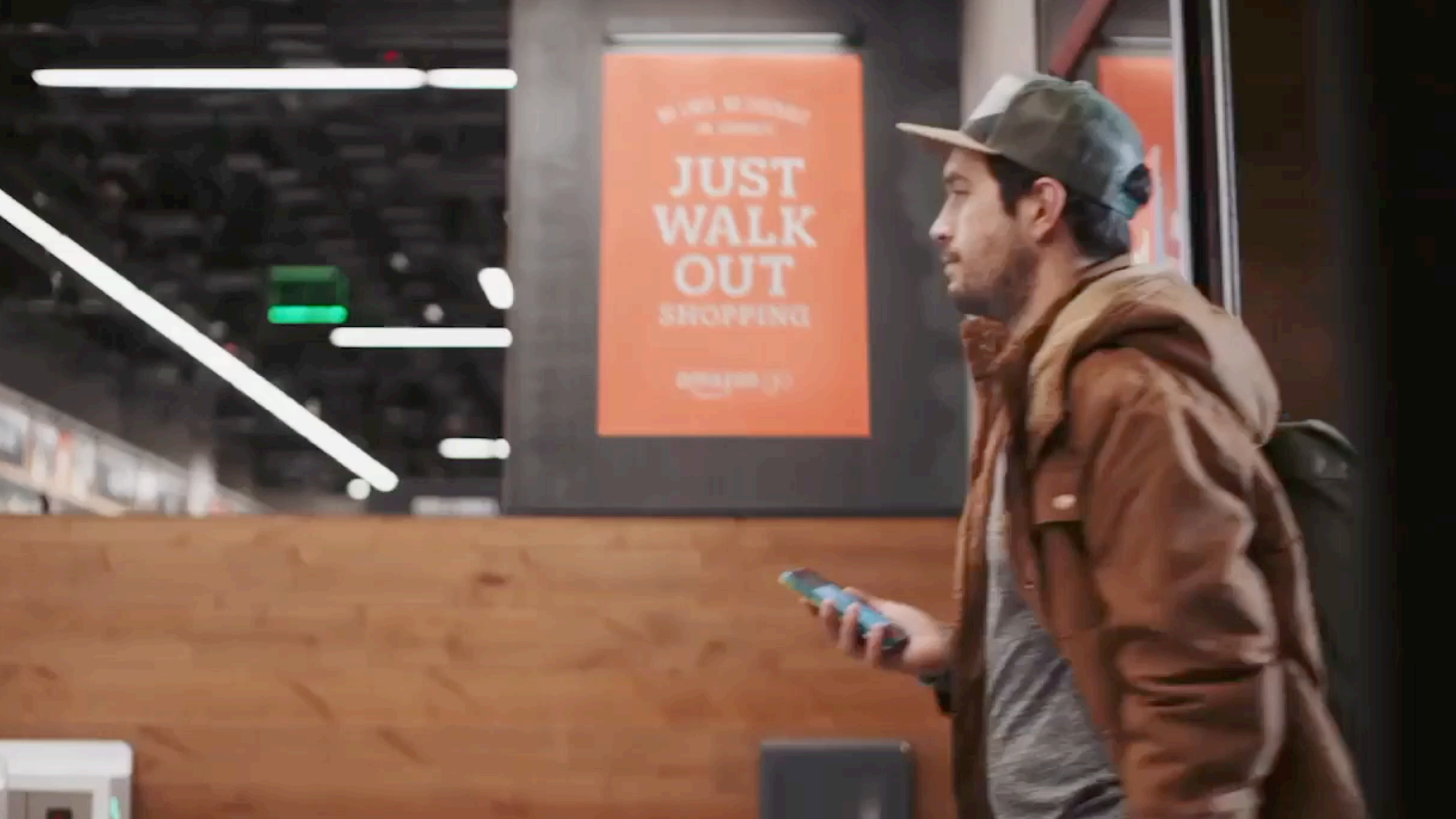


"Machines could take 50% of jobs in the next 30 years."



Dr. Moshe Vardi
Rice University

amazon go
amazon go
amazon go
Breakfast
in a flash.


JUST
WALK
OUT
SHOPPING

WillRobotsTakeMyJob.com

WILL ROBOTS TAKE MY JOB?

Enter your job

or show random example

INTERACTIVE DISCUSSION

If 50% of jobs are automated in the next 30 years, what skills should we be teaching our students?

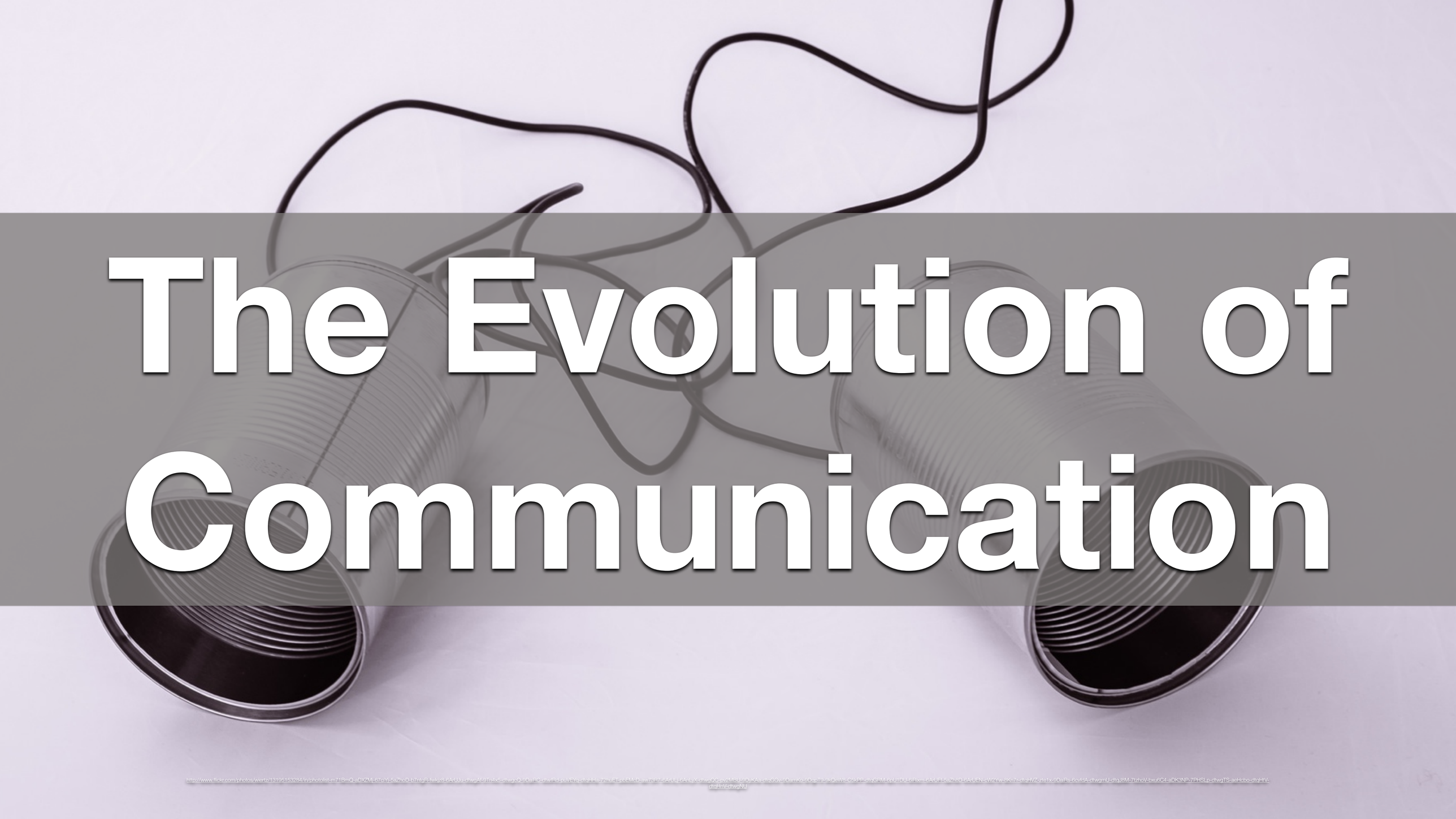
Top 10 Job Skills - World Economic Forum

2015

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

2020

1.
2.
3.
4.
5.
6. **Emotional Intelligence**
7.
8.
9.
10. **Cognitive Flexibility**



The Evolution of Communication

http://www.flickr.com/photos/wiertz/13195153284/in/photolist-m71BmQ-aDXZM-67CYj-5aZhoD-b7ntgR-fwkjz8-6AfUJu-dtwgAf-9Tn4x5-dtwgcQ-9DaiRC-dtwiRd-pJVEYq-dtqHHa-72hJEFpbEMcD-aw73R7-6AfUL-6AfLyx-dtwgQC-pv2MBU-9DyKAa-dtqSGy-9DamKo-9Dp19-9kQaW8-C5kPP-dtqSRM-6pU1DU-6Rxm-6AfUFi-5aZhoD-6AfUEN-cWzYw-8Kg7r-dtqHVZ-zte1x-9DaiRs-6cvfdA-dtwgmU-dtqJ8M-7tzhoV-bxu6C4-aDK3NP-7PHSLp-dtwgTS-aeHcbo-dtqHtV-dtqHnV-dtwgNU

44+33+555+555+666=hello

Invented in 2008

Invented in 2007

Technology is….

1. Anything that is in the world when you're born is normal and ordinary and is just a natural part of the way the world works.

2. Anything that's invented between when you're fifteen and thirty-five is new and exciting and revolution and you can probably get a career in it.

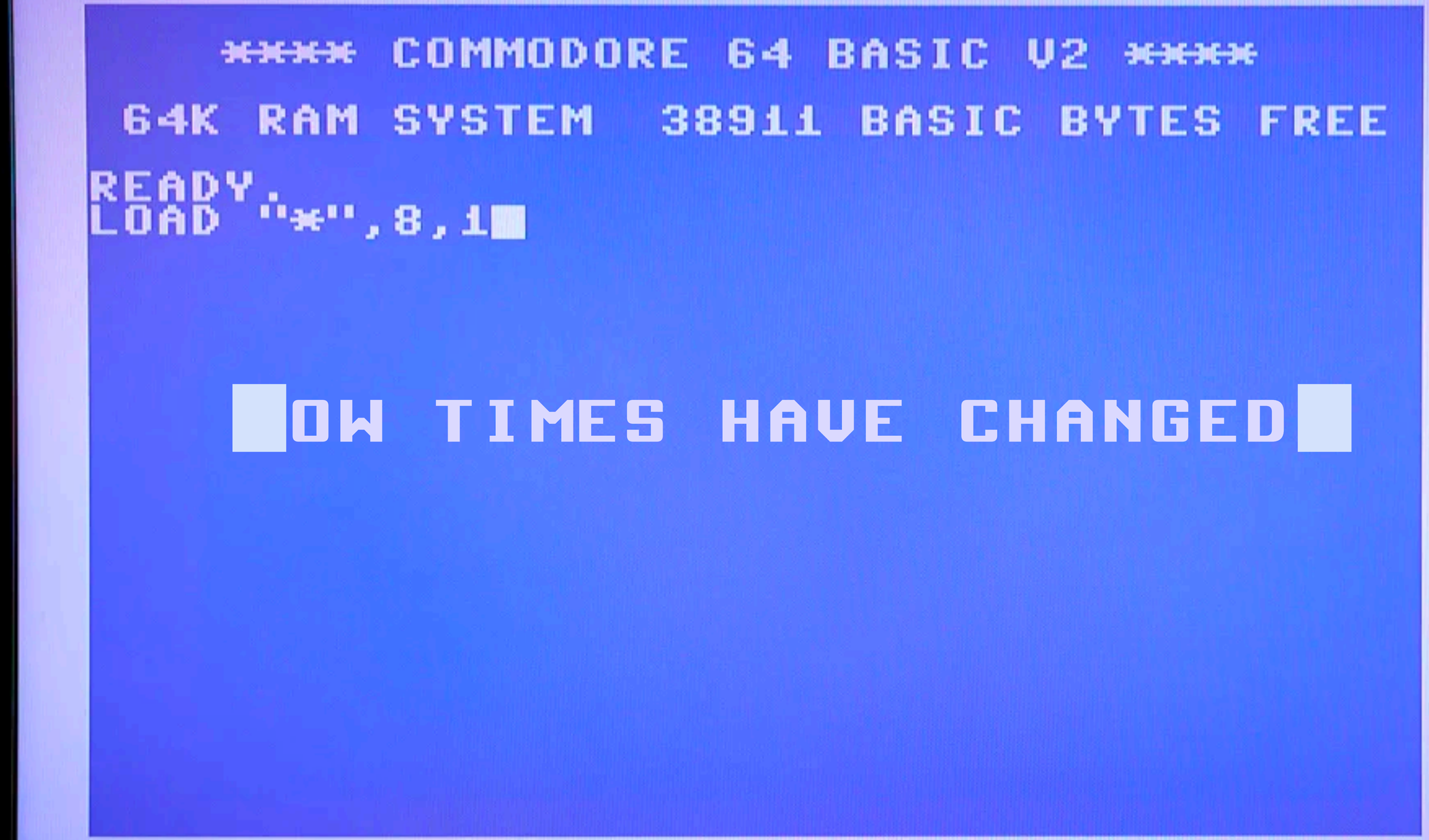
3. Anything invented after you're thirty-five is against the natural order of things.

-Douglas Adams

Don’t get a car with a stranger

Don’t meet people from the internet

Today:
Contact a stranger from the internet to ride in their car.
UBER


**** COMMODORE 64 BASIC V2 ****
64K RAM SYSTEM 38911 BASIC BYTES FREE
READY.
LOAD "*",8,1
OW TIMES HAVE CHANGED

Creating FUTURE READY Schools

Global Future

Disruptive Technology

Use of Space & Time

District Mindset

#EpicPD

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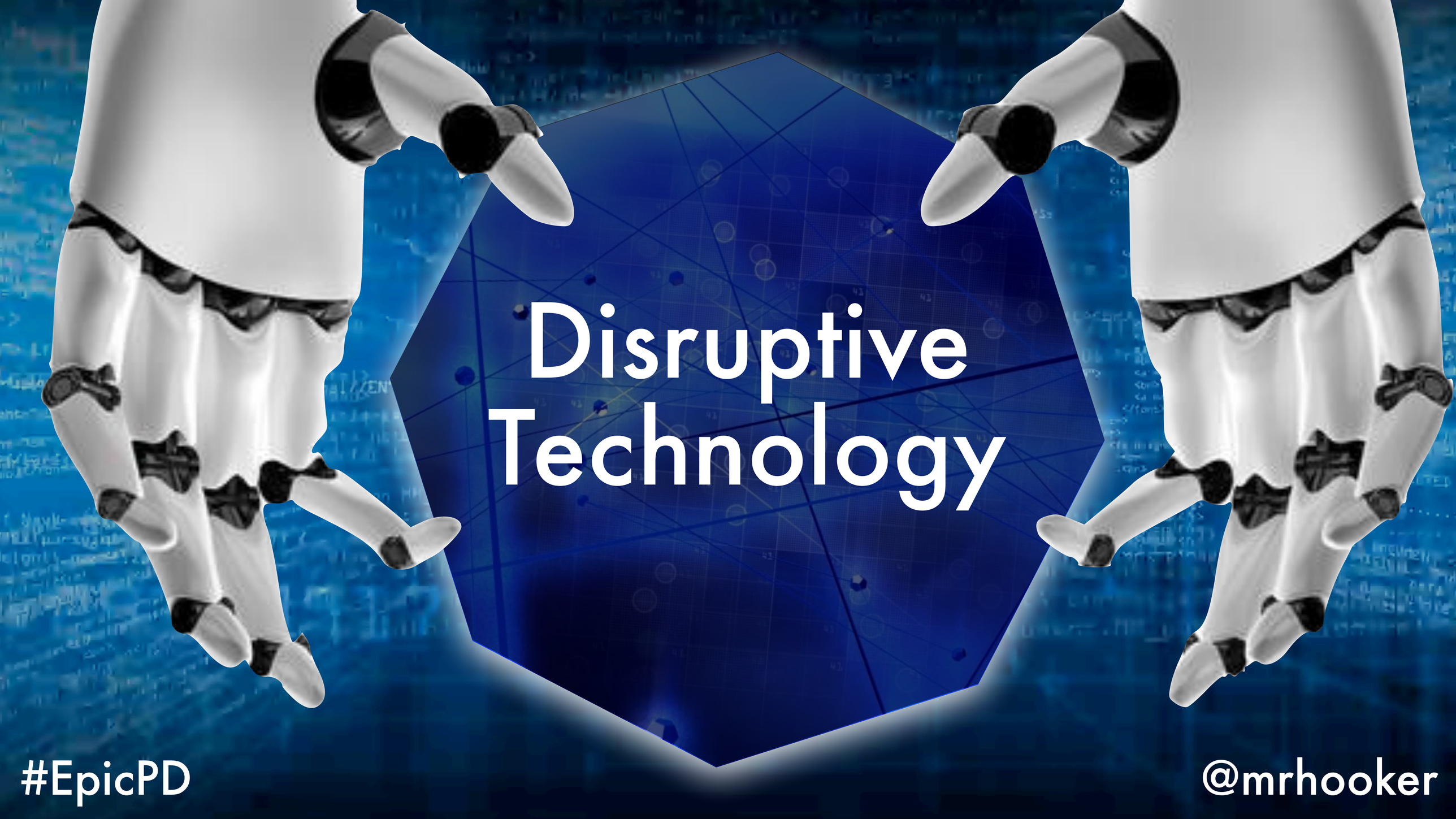

Disruptive
Technology
#EpicPD
@mrhooker

Past

Present

Future?

Past | Present | Future?

Computing

Transportation

Education

Past | Present | Future?

Computing

Transportation

Education

Past

Present

Future?

Past Present **Future?**

Past | Present | Future?

Computing

Transportation

Education

Past | Present | Future?

Computing

Transportation

Education

Past

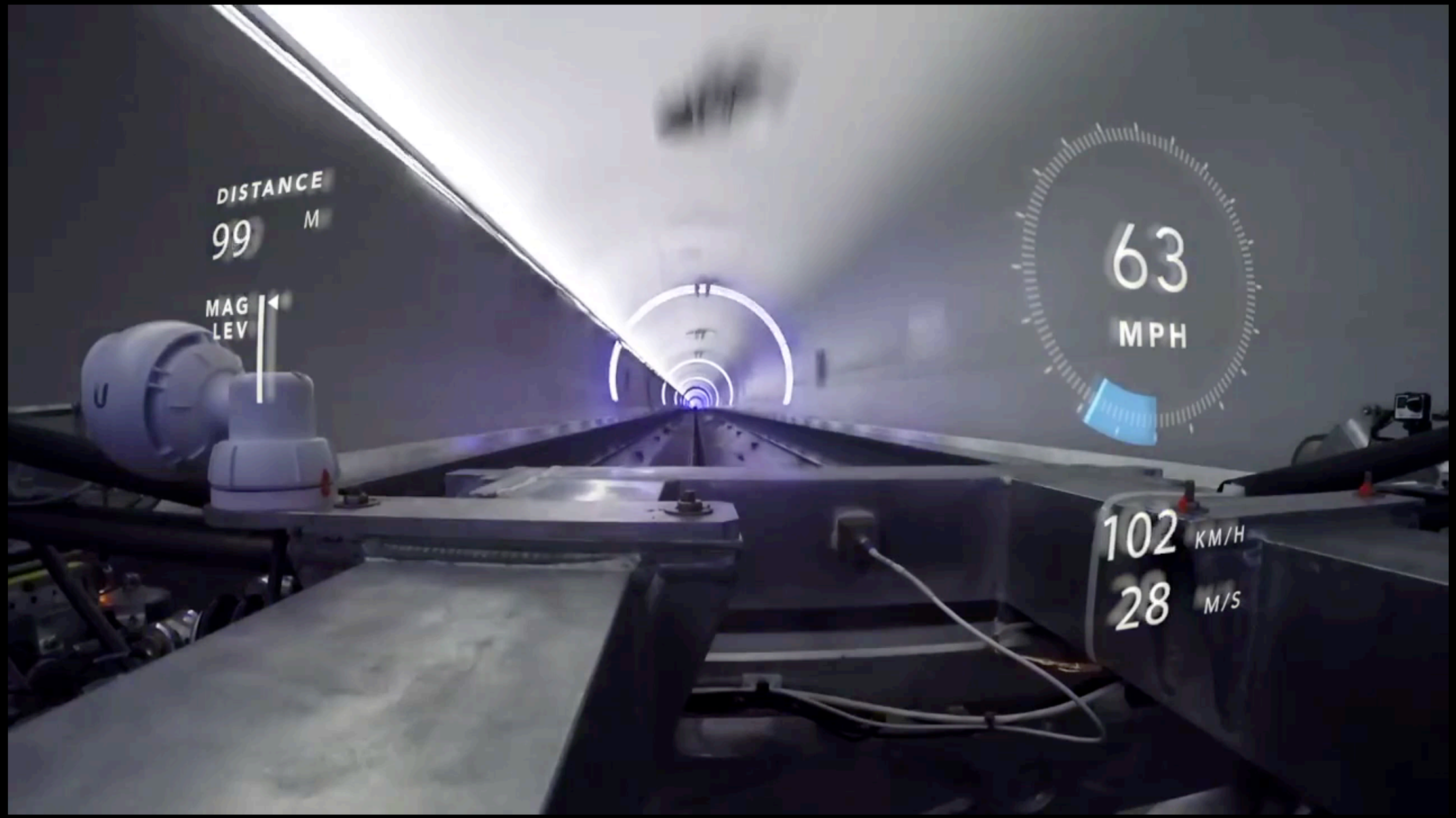
Present

Future?

Past

Present

Future?



Past | Present | Future?

Computing

Transportation

Education

Past | Present | Future?

Computing

Transportation

Education

Past

Present

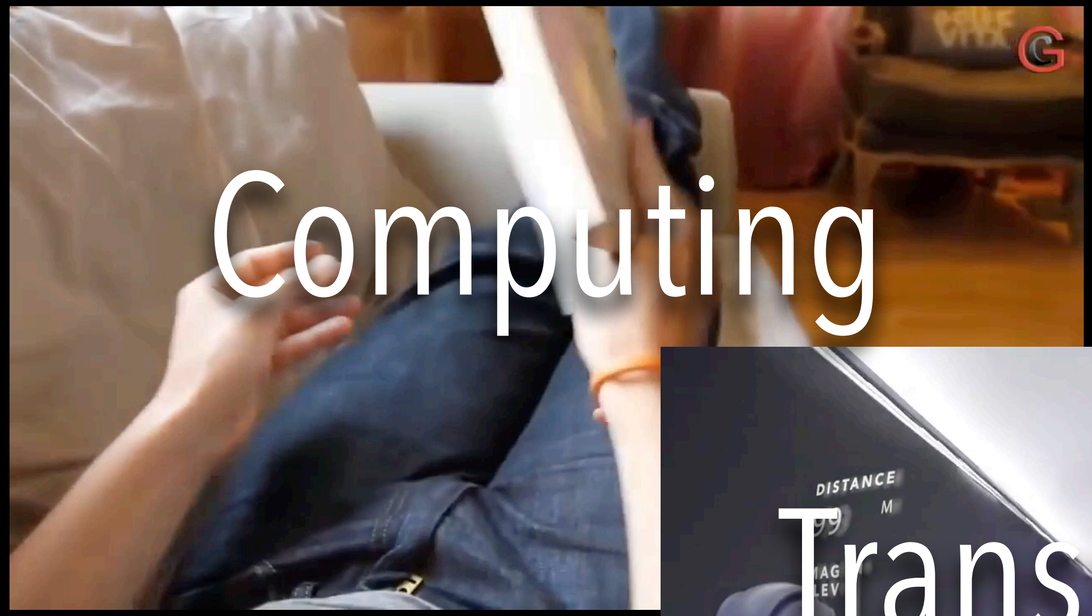
Future?

Past

Present

Future?

Past | Present | Future?



Stand n' Talk

What kind of technology will be disruptive for schools in the future?

#EpicPD

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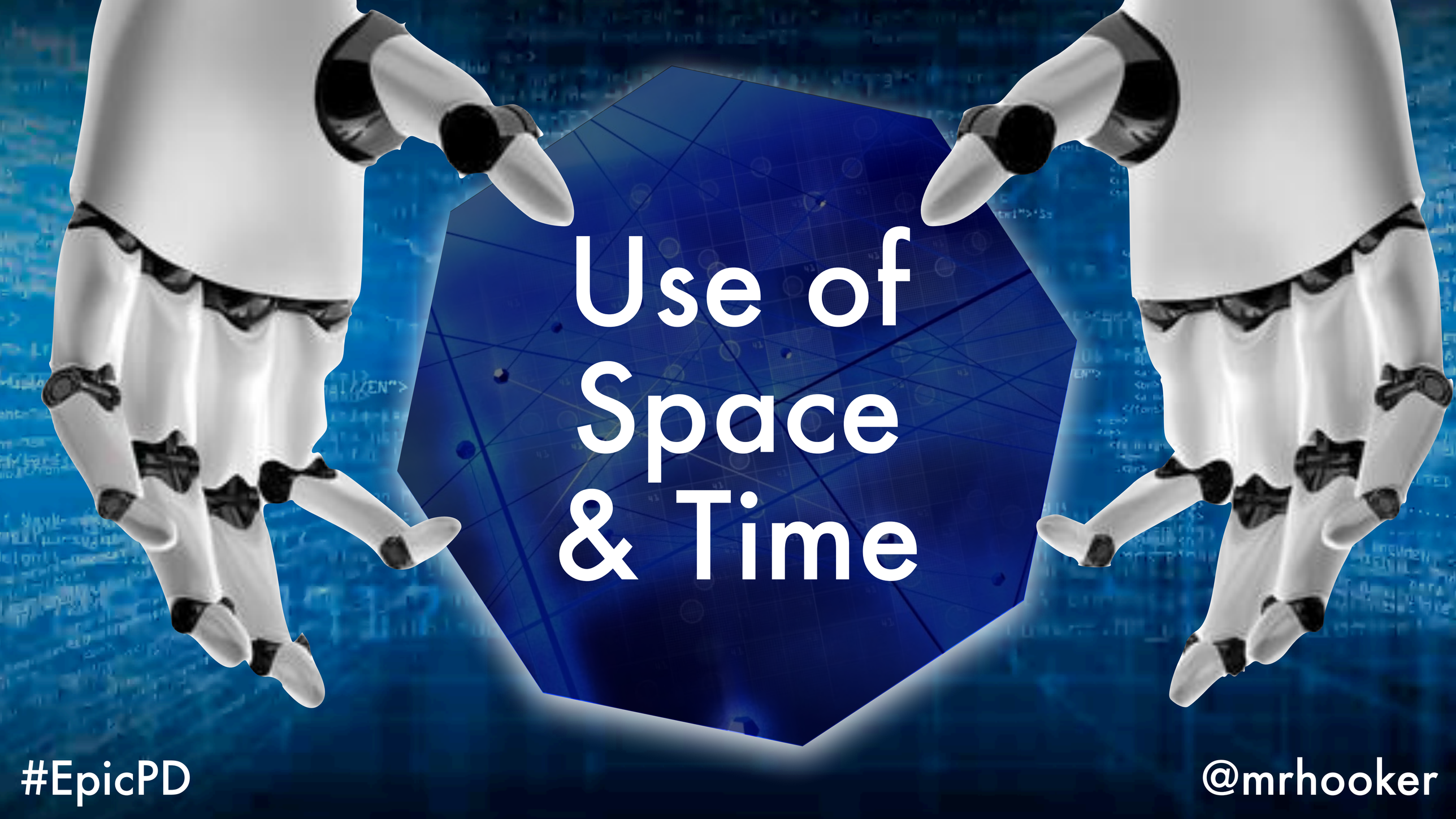
Use of
Space
& Time
#EpicPD
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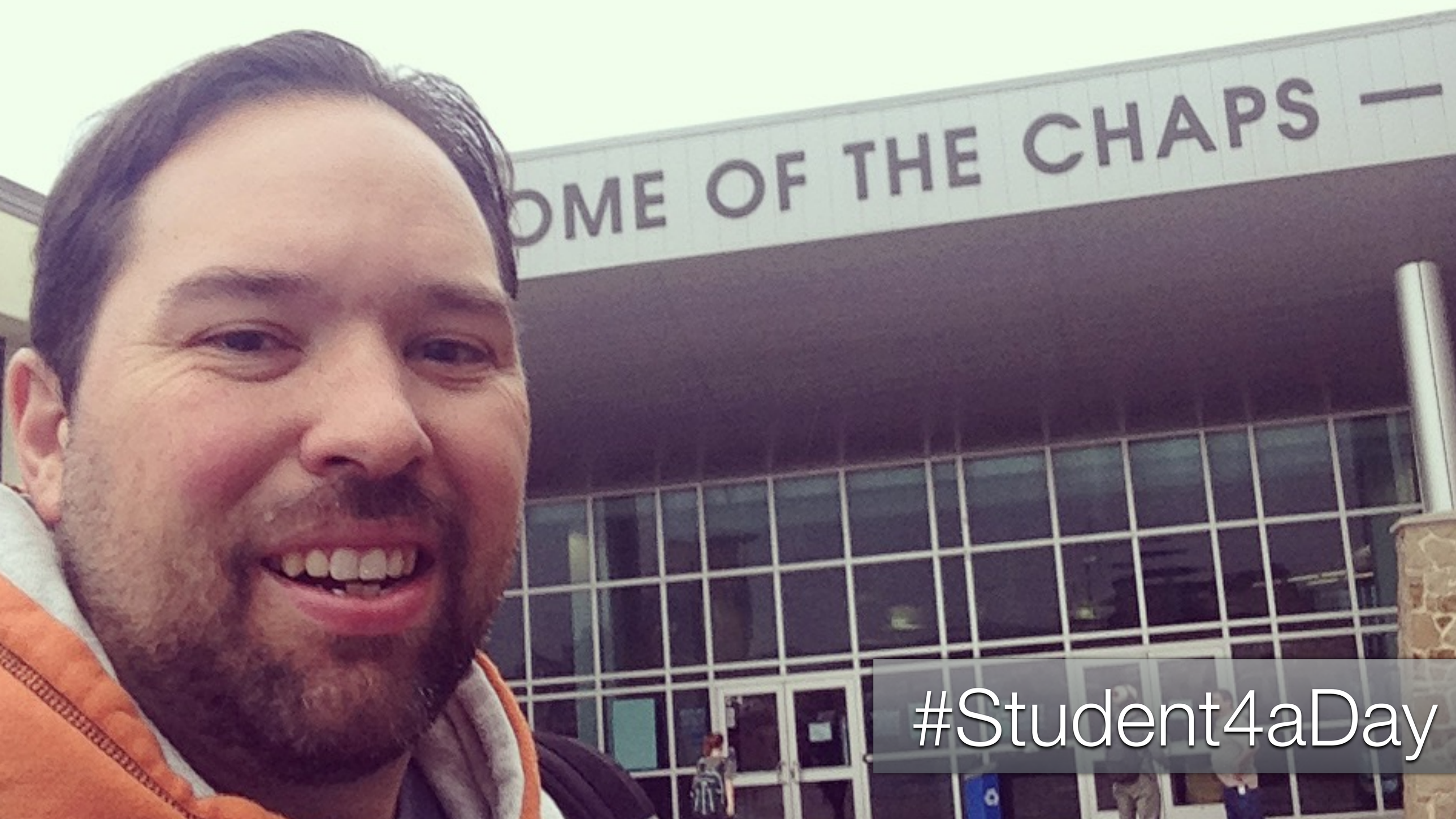
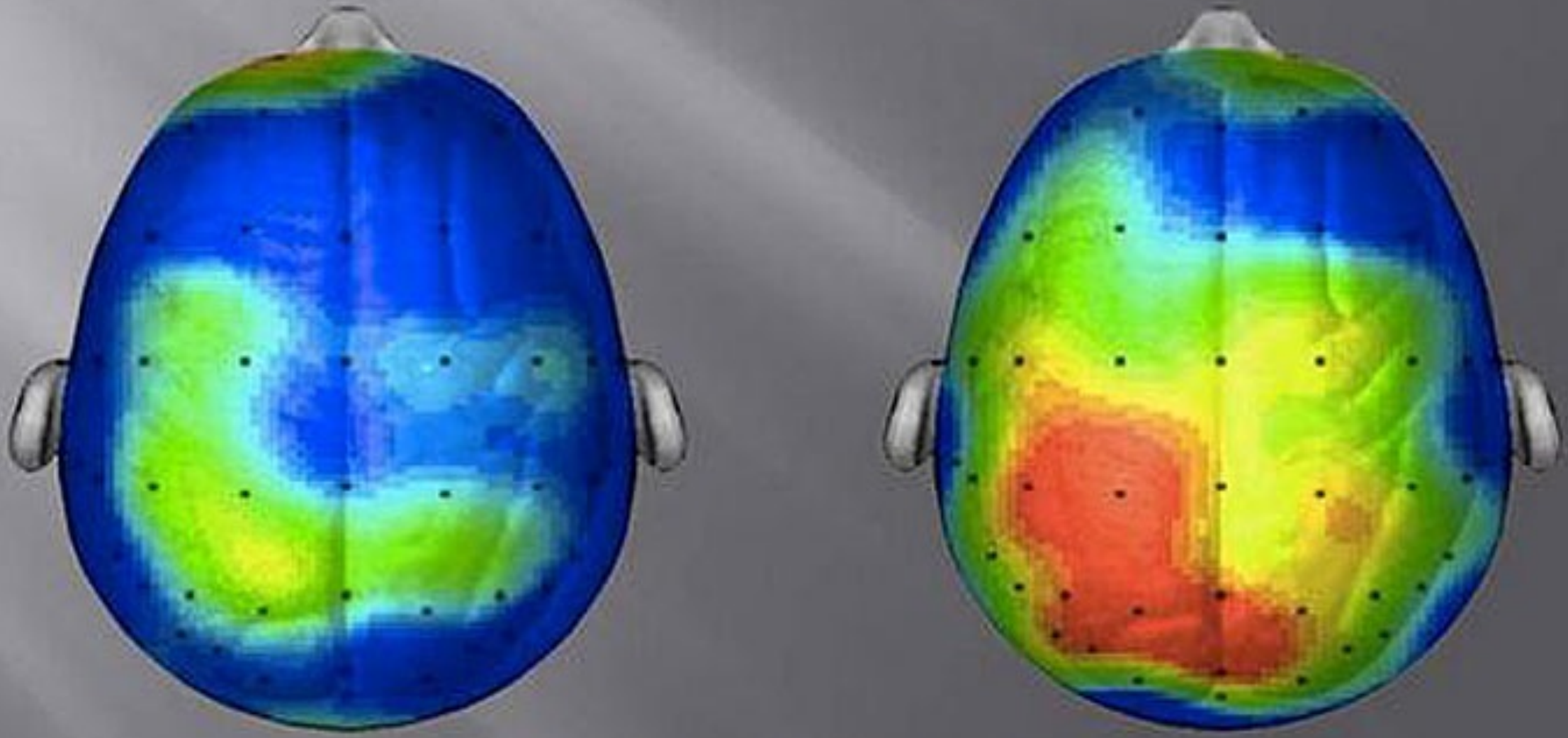
MON	ABC	Local	Barbary Coast		NFL Monday Night Football		
	CBS	Local	Rhoda	Phyllis	All in the Family	Maude	Medical Ce
	NBC	Local	The Invisible Man		NBC Monday Night at the Movies		
TUE	ABC	Local	Happy Days	Welcome Back, Kotter	The Rookies		Marcus Wel
	CBS	Local	Good Times	Joe and Sons	Switch		Beacon Hil
	NBC	Local	Movin' On		Police Story		Joe Forrest
WED	ABC	Local	When Things Were Rotten	That's My Mama	Baretta		Starsky an
	CBS	Local	Tony Orlando and Dawn		Cannon		Kate McSh
	NBC	Local	Little House on the Prairie		Doctors Hospital		Petrocelli
THU	ABC	Local	Barney Miller	On the Rocks	The Streets of San Francisco		Harry O
	CBS	Local	The Waltons		The CBS Thursday Night Movies		
	NBC	Local	The Montefuscos	Fay	Ellery Queen,		Medical St
FRI	ABC	Local	Mobile One		The ABC Friday Night Movie		
	CBS	Local	Big Eddie	M*A*S*H	Hawaii Five-O		Barnaby Jo
	NBC	Local	Sanford and Son	Chico and the Man	The Rockford Files		Police Wo


OME OF THE CHAPS —
#Student4aDay

STUDENT DESK
1887-2013
"HERE SAT A STUDENT,
UNCOMFORTABLY"

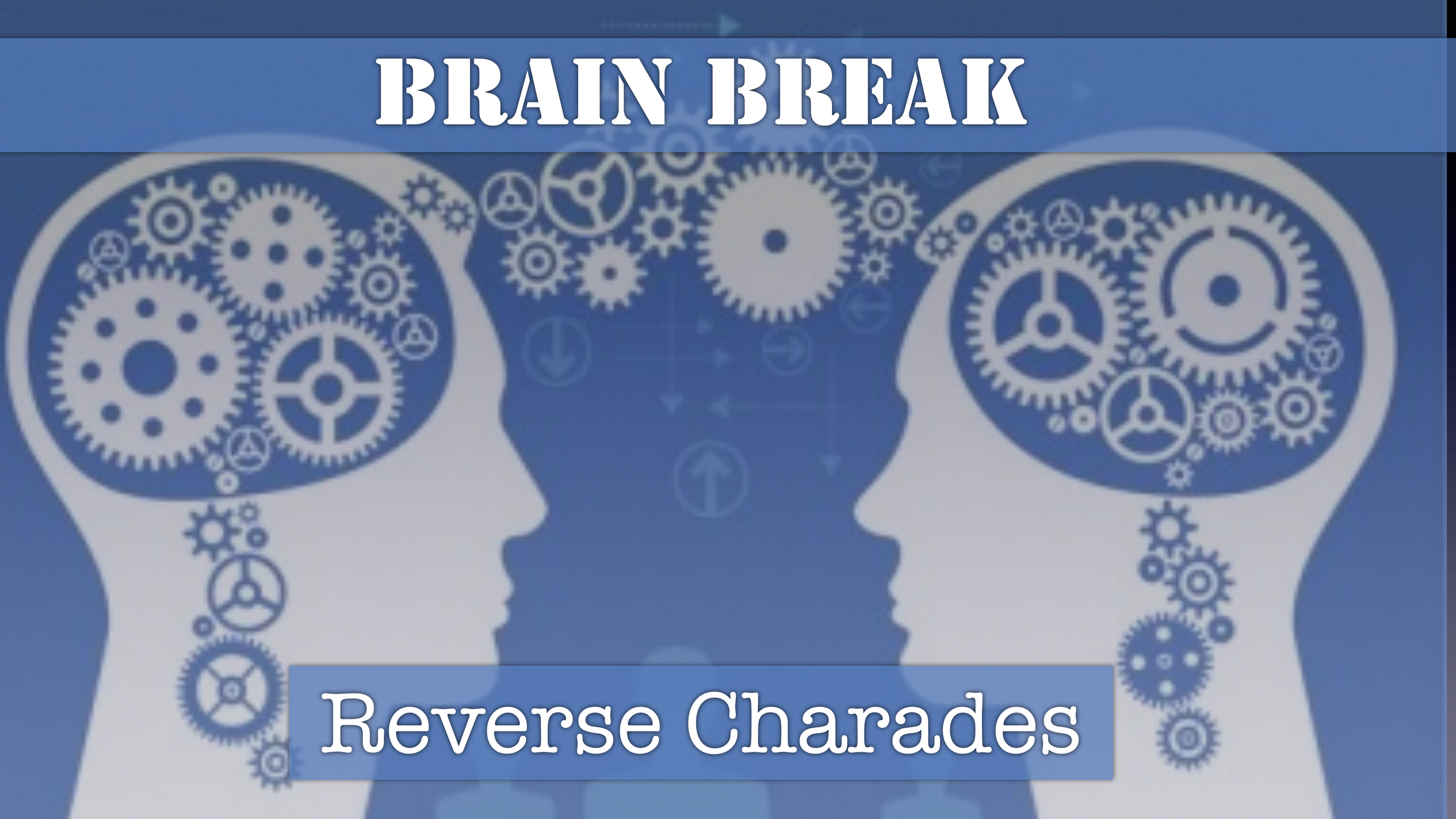
BRAIN AFTER SITTING QUIETLY

BRAIN AFTER 20 MINUTE WALK



Research/scan compliments of Dr. Chuck Hillman University of Illinois

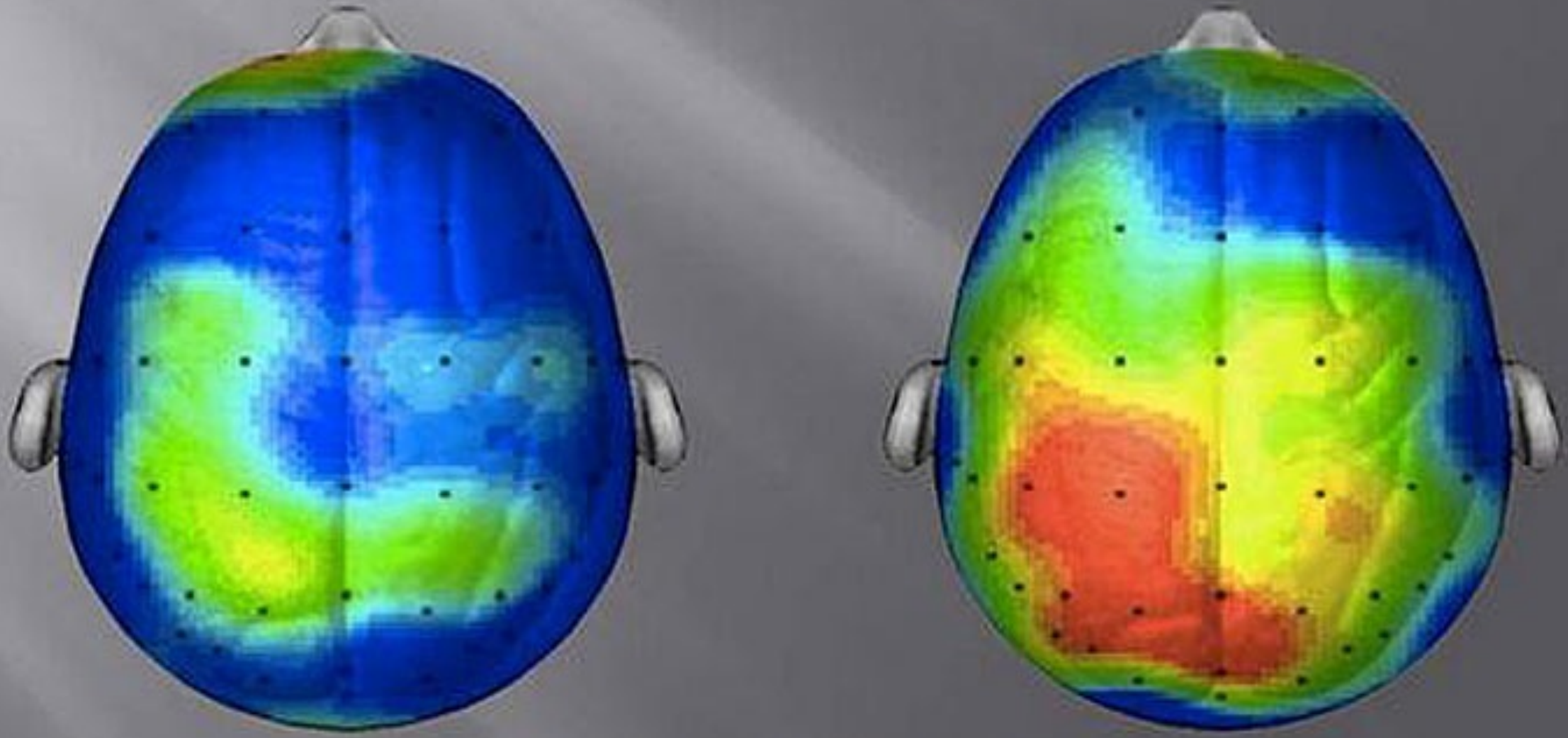
BRAIN BREAK



Reverse Charades

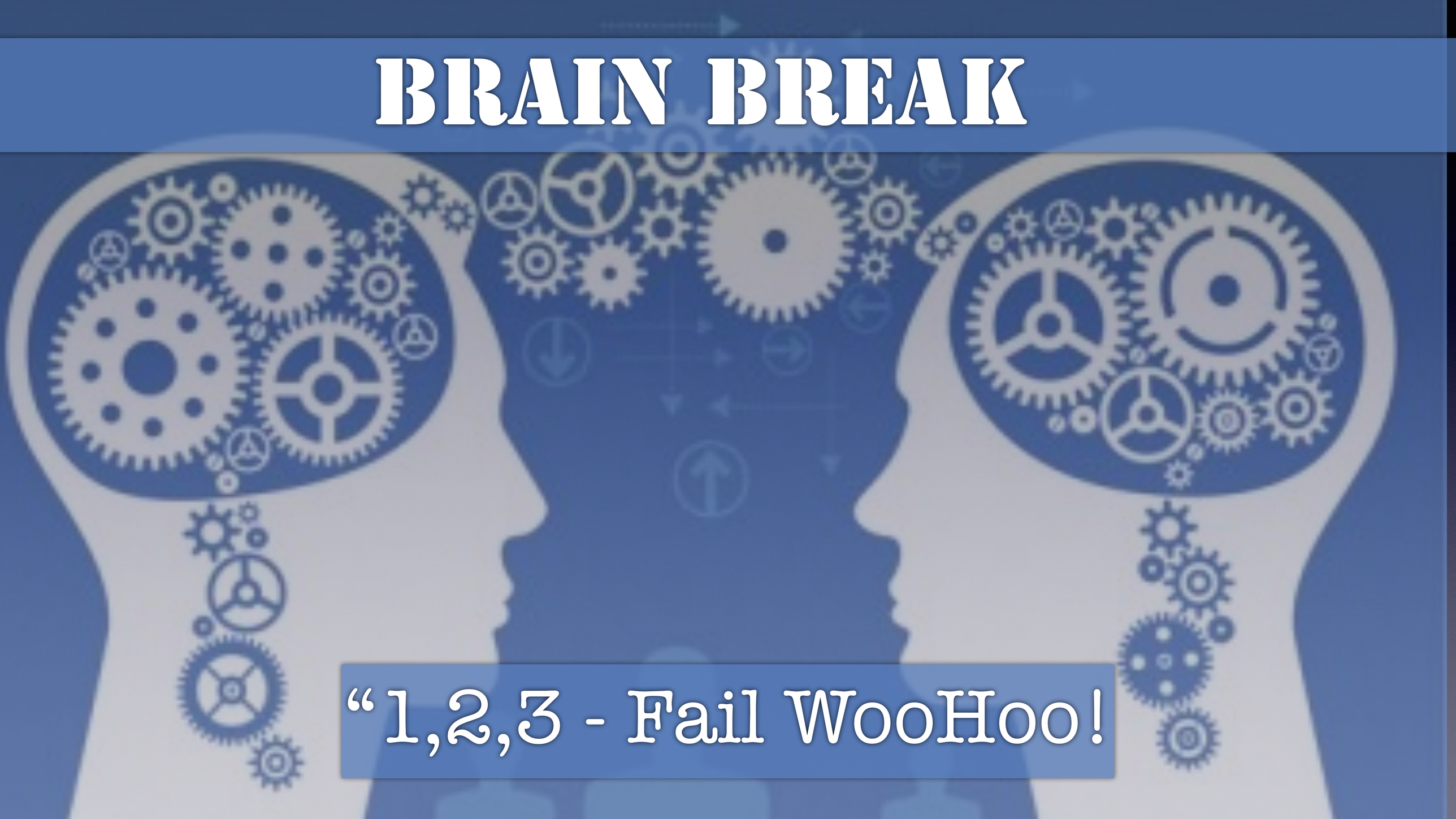
BRAIN AFTER SITTING QUIETLY

BRAIN AFTER 20 MINUTE WALK



Research/scan compliments of Dr. Chuck Hillman University of Illinois

BRAIN BREAK



"1,2,3 - Fail WooHoo!

Stand Up

1

2

3

STOP
COLLABORATE
&LISTEN
LXSF.COM

1

2

3

[clap]

2

3

STOP
COLLABORATE
&LISTEN
LXSF.COM

[clap]

2

3

[clap]
[stomp]
3

STOP
COLLABORATE
&LISTEN
LXSF.COM

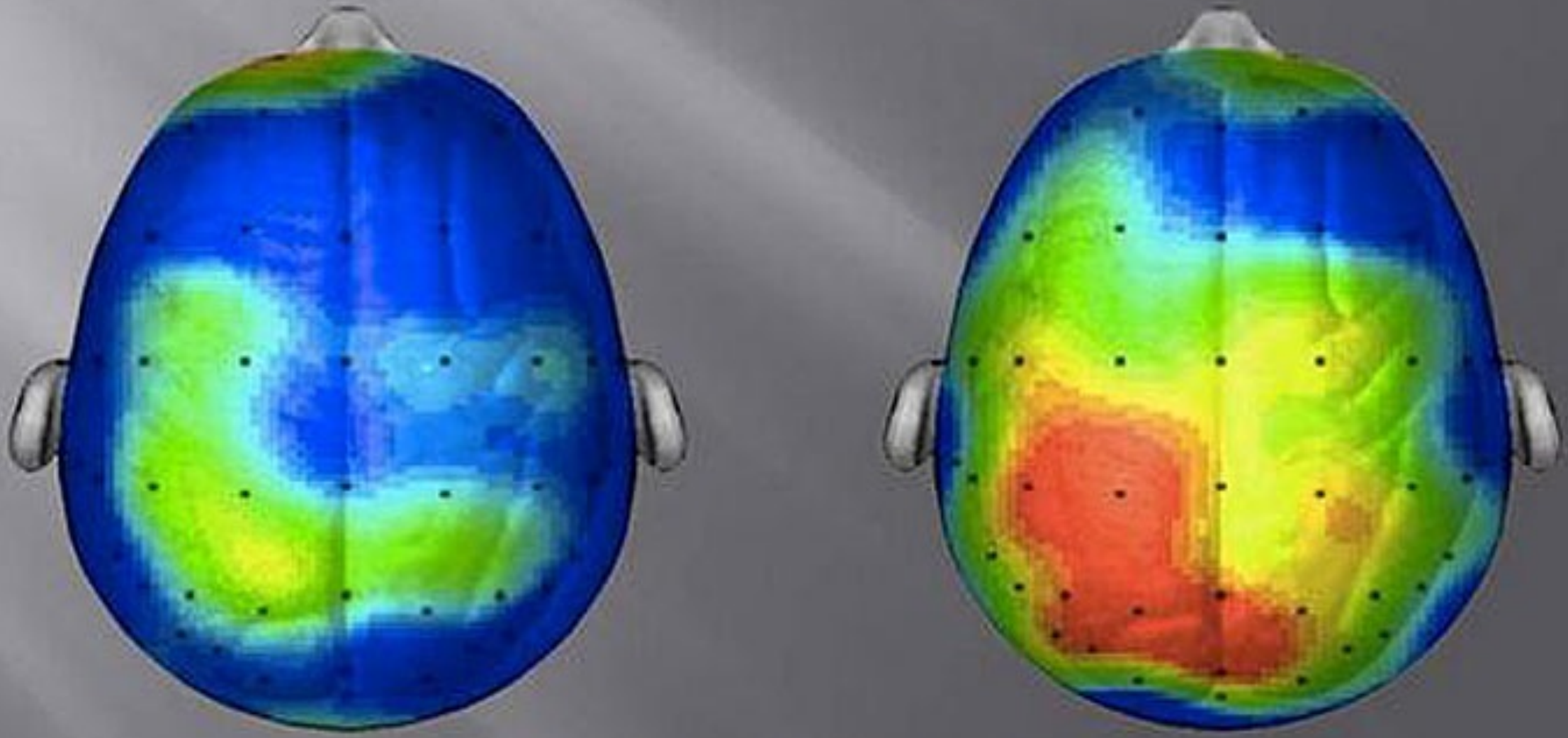
[clap]
[stomp]
3

[clap]
[stomp]
[snap]

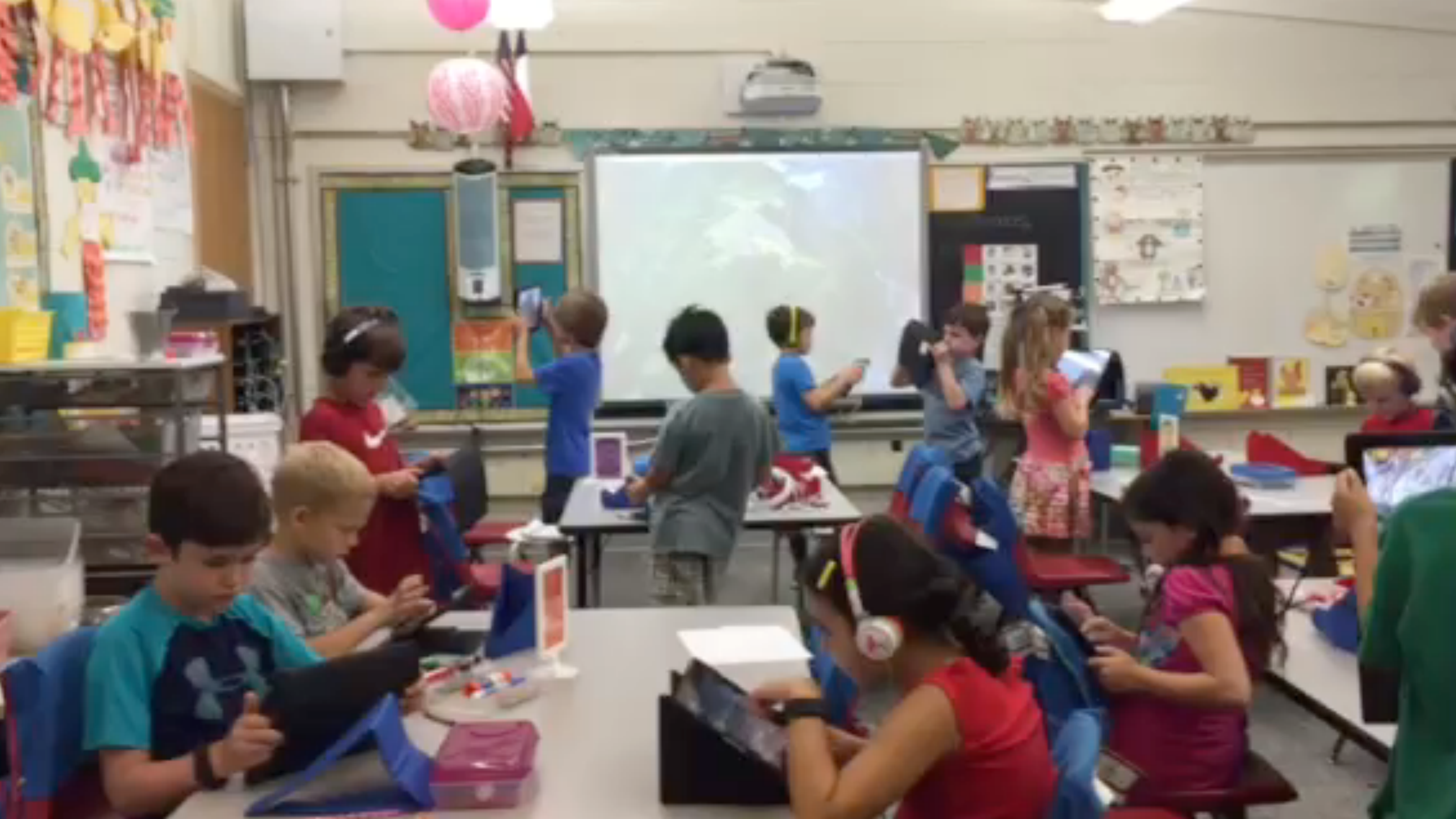
STOP
COLLABORATE
&LISTEN
LXSF.COM

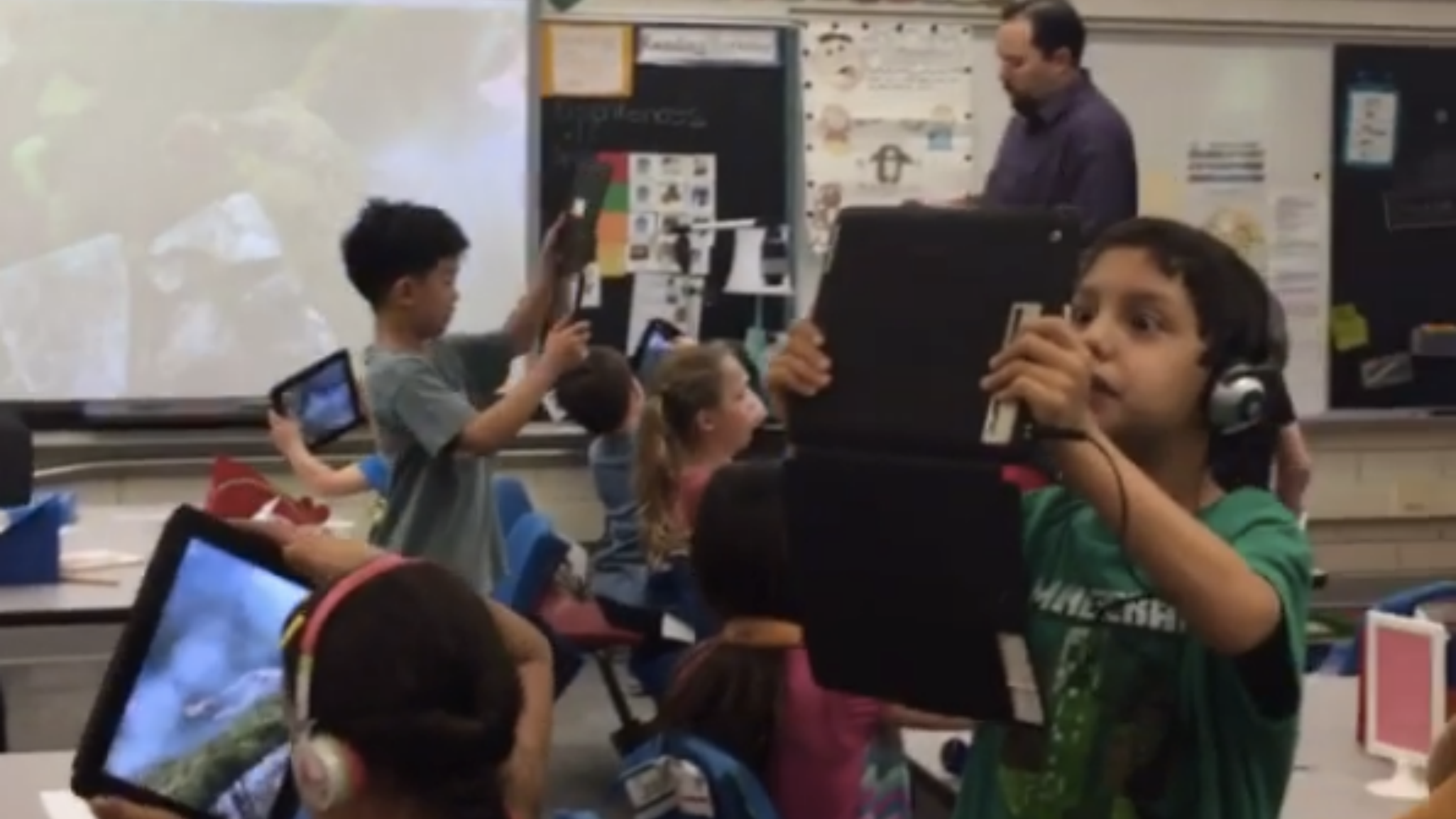
BRAIN AFTER SITTING QUIETLY

BRAIN AFTER 20 MINUTE WALK



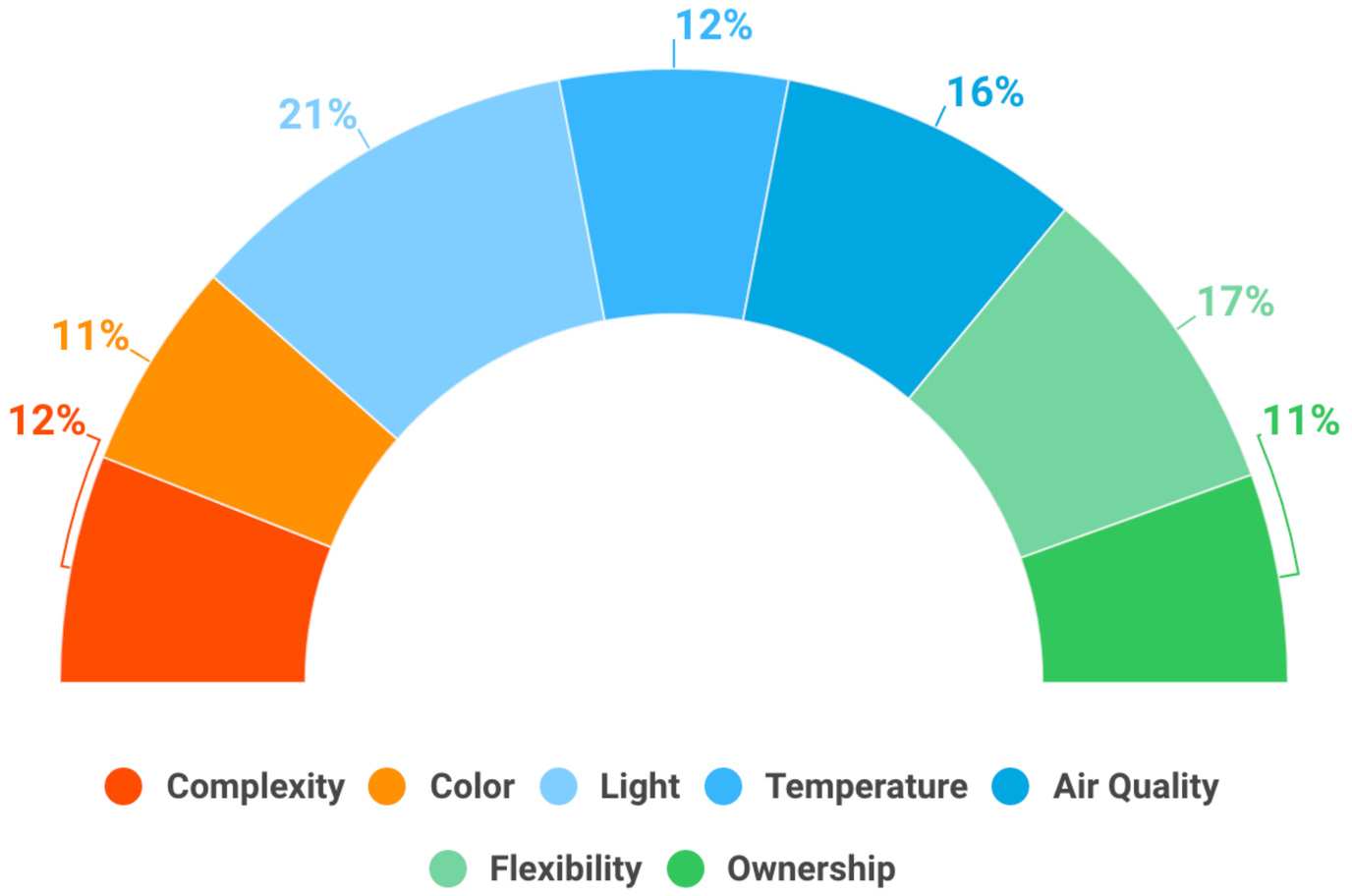
Research/scan compliments of Dr. Chuck Hillman University of Illinois





What does this furniture arrangement say about learning?

PERCENTAGE OF ACADEMIC IMPROVEMENT BY FACTOR



Personalizing factors like flexibility and student ownership were responsible for 28% of the academic progress attributed to classroom design.

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Mindset
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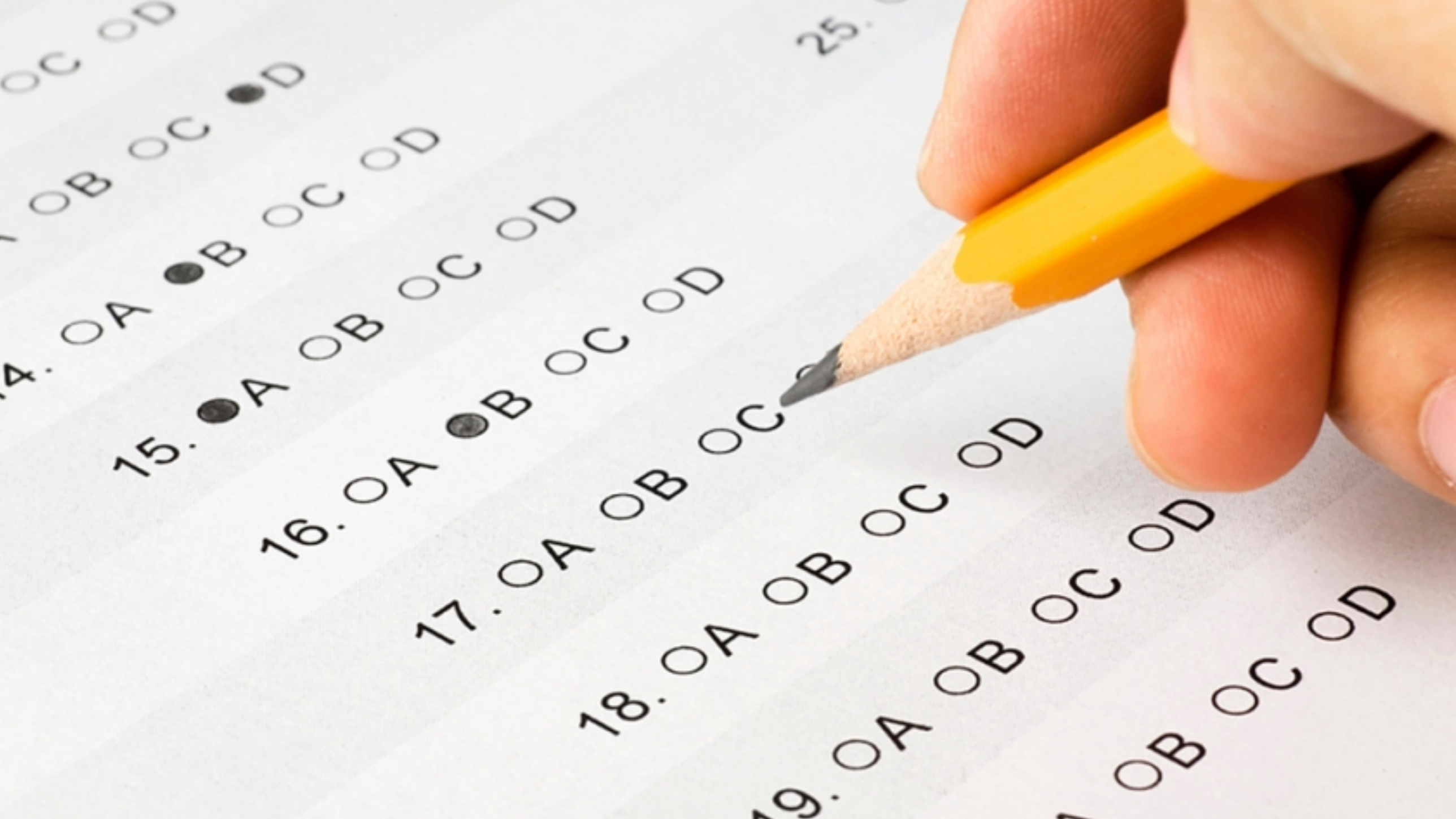
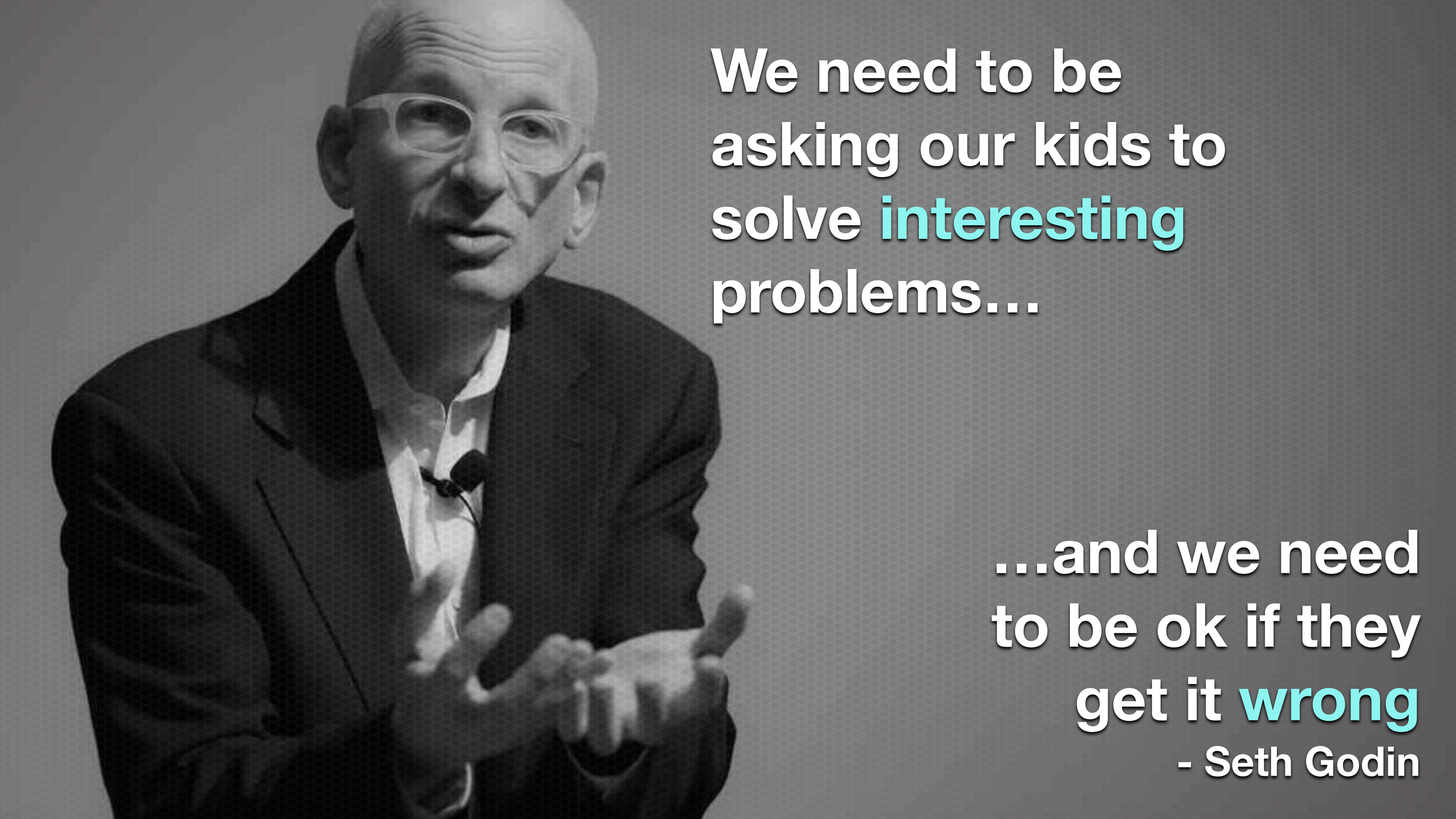
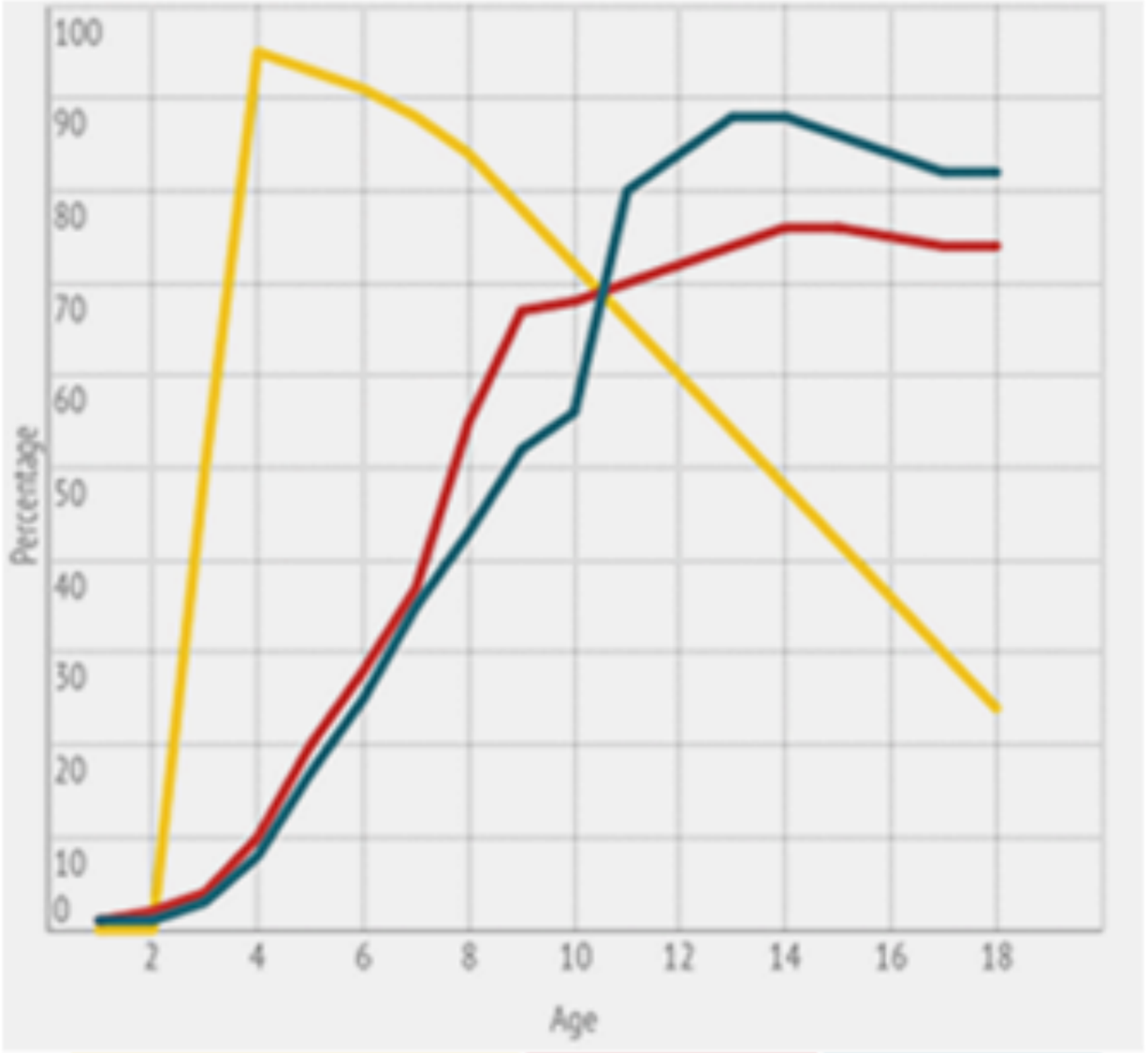
GAME OF SCHOOL


14. OA ●B OC OD
15. ●A OB OC OD
16. OA ●B OC OD
17. OA OB OC
18. OA OB OC OD
19. OA OB OC OD

IS THIS GOING TO BE ON THE TEST?


We need to be asking our kids to solve interesting problems…
…and we need to be ok if they get it wrong
- Seth Godin

Why does kids' questioning drop off after age 3?

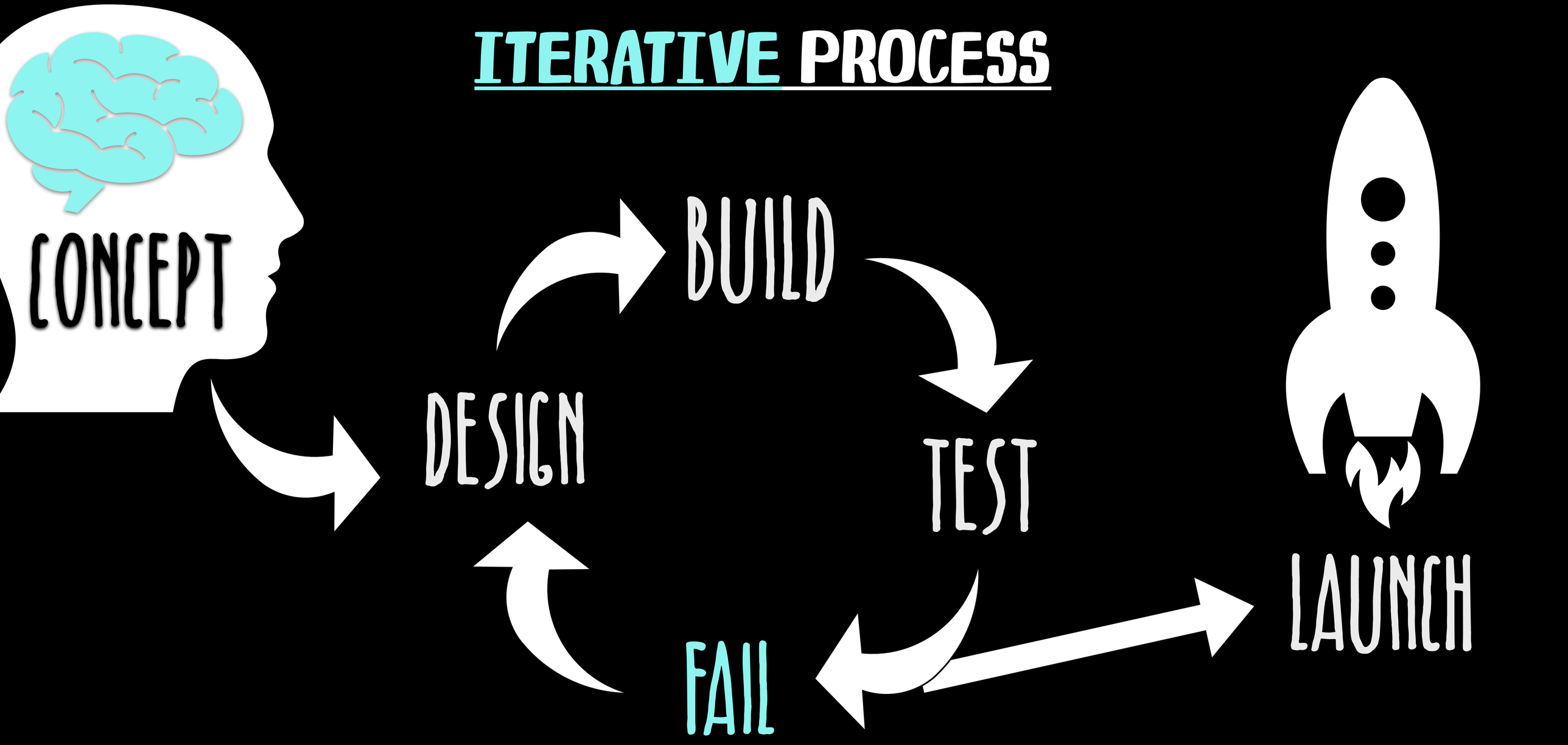


How do we keep this look of curiosity in our students?

Glencoe Science
Texas Science
GRADE 8
Glencoe McGraw-Hill
Glencoe Spanish 1
¡Buen viaje!
TEXAS EDITION
Glencoe
THE LANGUAGE OF
LITERATURE
HOLT
Algebra 1
Beginnings
through Reconstruction

incubatoredu™

ITERATIVE PROCESS



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We need to create a generation of empathetic risk-takers
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Creating
FUTURE
READY
Schools
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OTHER SESSIONS

9:45-10:35— Google Tips & Tricks

10:40-11:30- Tools to Transform Your Classroom

1:15-2:05- Ed Tech Lip Sync Battle

@mrhooker