



**Are We
Ready to be
FUTURE
READY?**

Carl Hooker

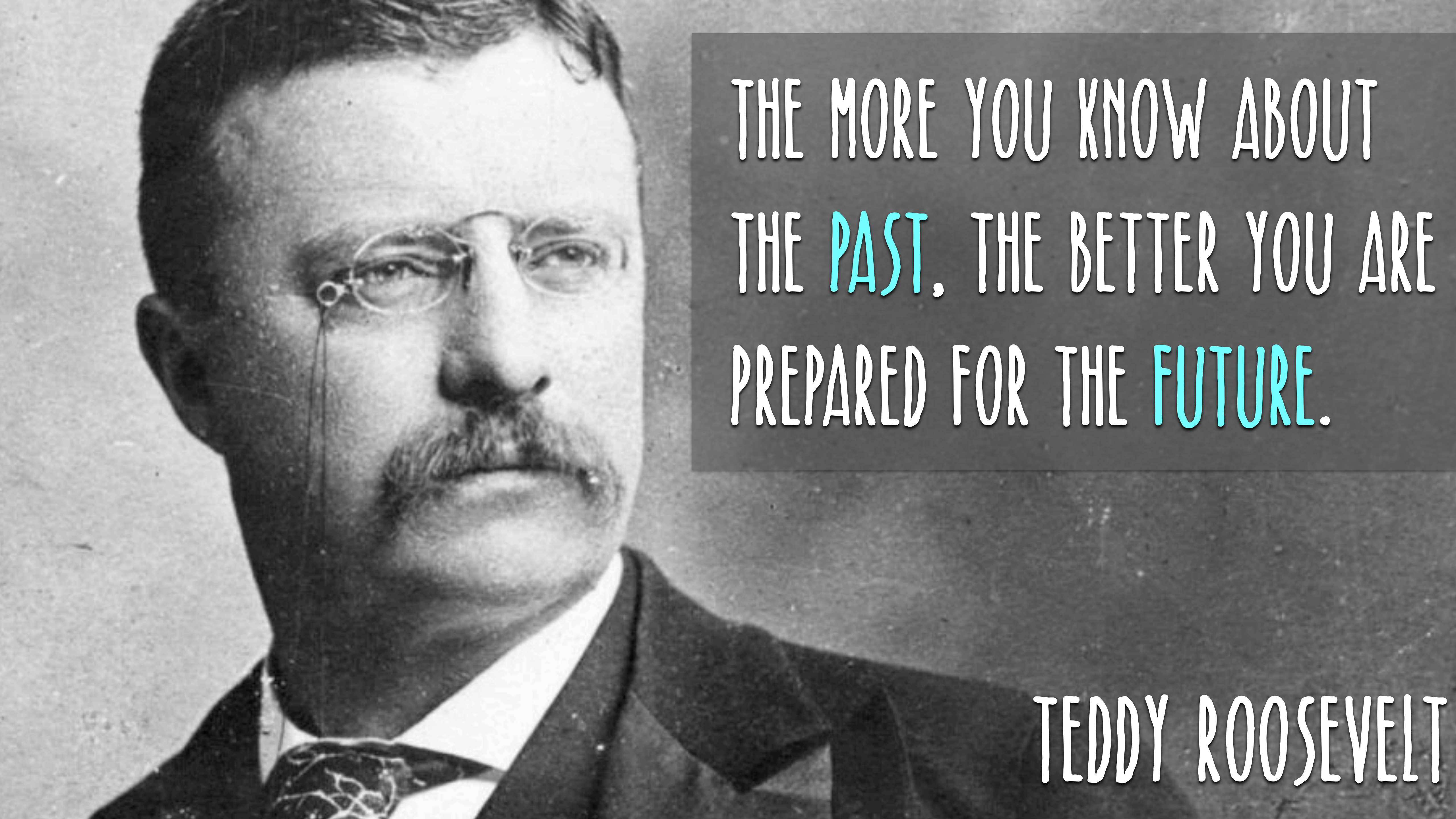
Educational Strategist &
Consultant

#ADEHK

@mrhooker


CREDENTIALS

- Educator for 21+ years
- Head of 1:1 program with 8000 students K-12 since 2011
- Former Director of Innovation
- Been part of three different 1:1 deployments
- Future Ready Schools National Advisor

A black and white portrait of a young man with a mustache and glasses, wearing a suit and tie. The image is the background for the text.

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

TEDDY ROOSEVELT

A white, heavily rusted and damaged van is parked on a residential street. The van shows significant signs of wear, including large areas of rust on the hood and front fender, and a missing front bumper. The background features a suburban neighborhood with houses, trees, and a fence. A person in a green shirt is visible in the distance. The text "Don't get a car with a stranger" is overlaid in white on a dark semi-transparent banner across the middle of the image.

Don't get a car with a stranger

A person wearing a dark hoodie is shown from the side, typing on a laptop. The background is a dark blue gradient with a pattern of binary code (0s and 1s) in a lighter blue color. The text "Don't meet people from the internet" is overlaid in the center in a white, bold, sans-serif font.

Don't meet people from the internet

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



~~****~~ COMMODORE 64 BASIC V2 ~~****~~

64K RAM SYSTEM 38911 BASIC BYTES FREE

READY
LOAD "X",8,1■

■ NOW TIMES HAVE CHANGED ■



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Are We Ready to be **FUTURE READY?**

**Global
Future**

**Disruptive
Technology**

**District
Mindset**

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The image features two white, stylized robotic hands positioned on the left and right sides, appearing to hold a central blue hexagonal shape. The hands have a sleek, modern design with visible joints and segments. The blue hexagon is filled with a network of thin white lines and small blue dots, resembling a data visualization or a global map. The text 'Global Future' is centered within this hexagon in a large, white, sans-serif font. The background is solid black, which makes the white hands and blue hexagon stand out prominently.

Global Future

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Then and Now



Detroit Steel

Toys R Us

E.F. Hutton

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

Remington

Companies that
didn't exist
40 years ago

Target

Google

Microsoft

Amazon

Jet Blue

Nike

Home Depot

Dell

Costco

Starbucks

Facebook

didn't exist

Intel

PayPal

40 years ago

Qualcomm

Adobe Systems

Best Buy

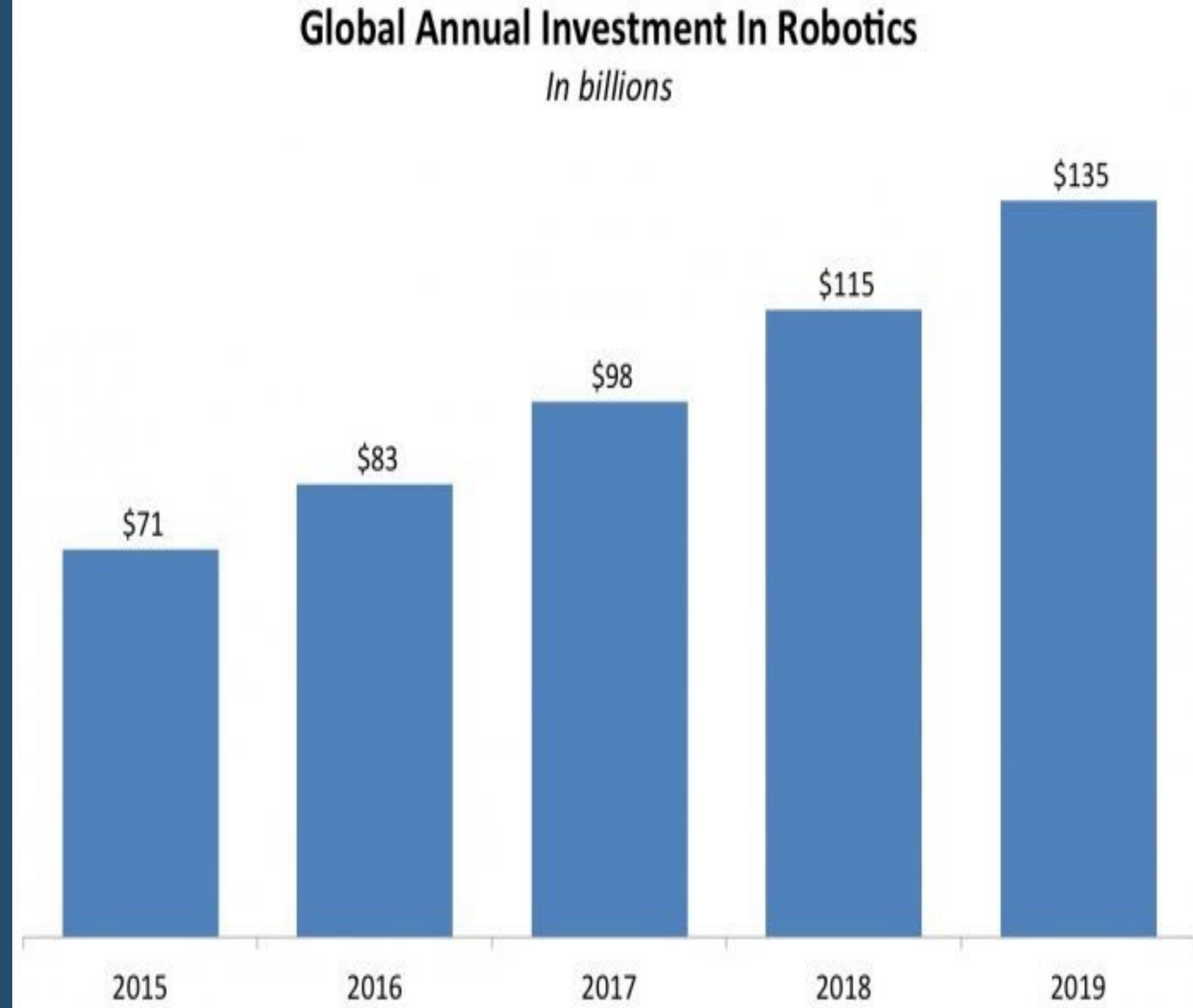
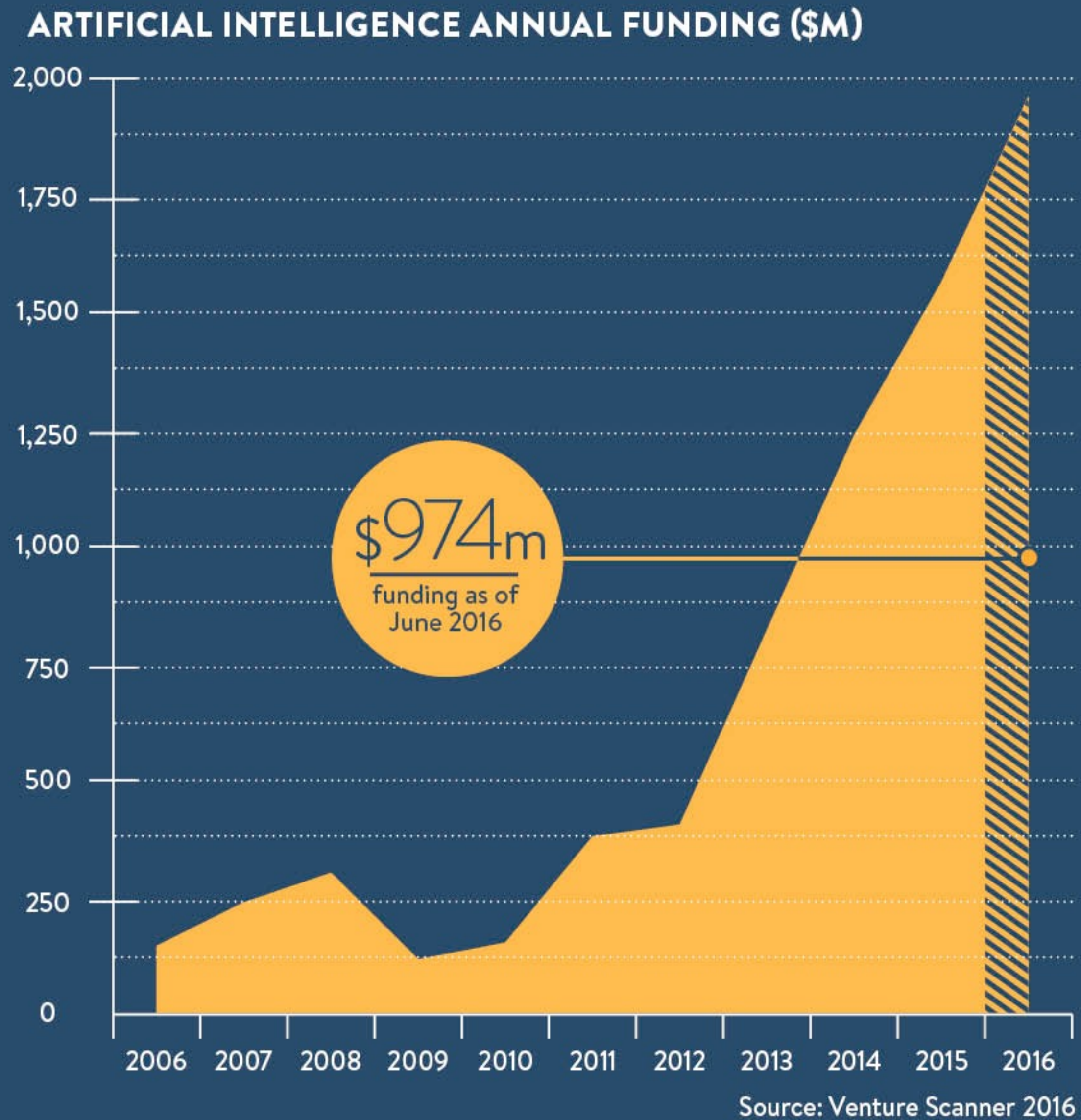
Pfizer

Tesla

Virgin Atlantic

Apple

Money invested in AI & Robotics



Source: IDC, BI Intelligence Estimates, 2016

BI INTELLIGENCE

*“Machines
could take 50%
of jobs in the
next 30 years.”*

Dr. Moshe Vardi
Rice University



INTERACTIVE DISCUSSION

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

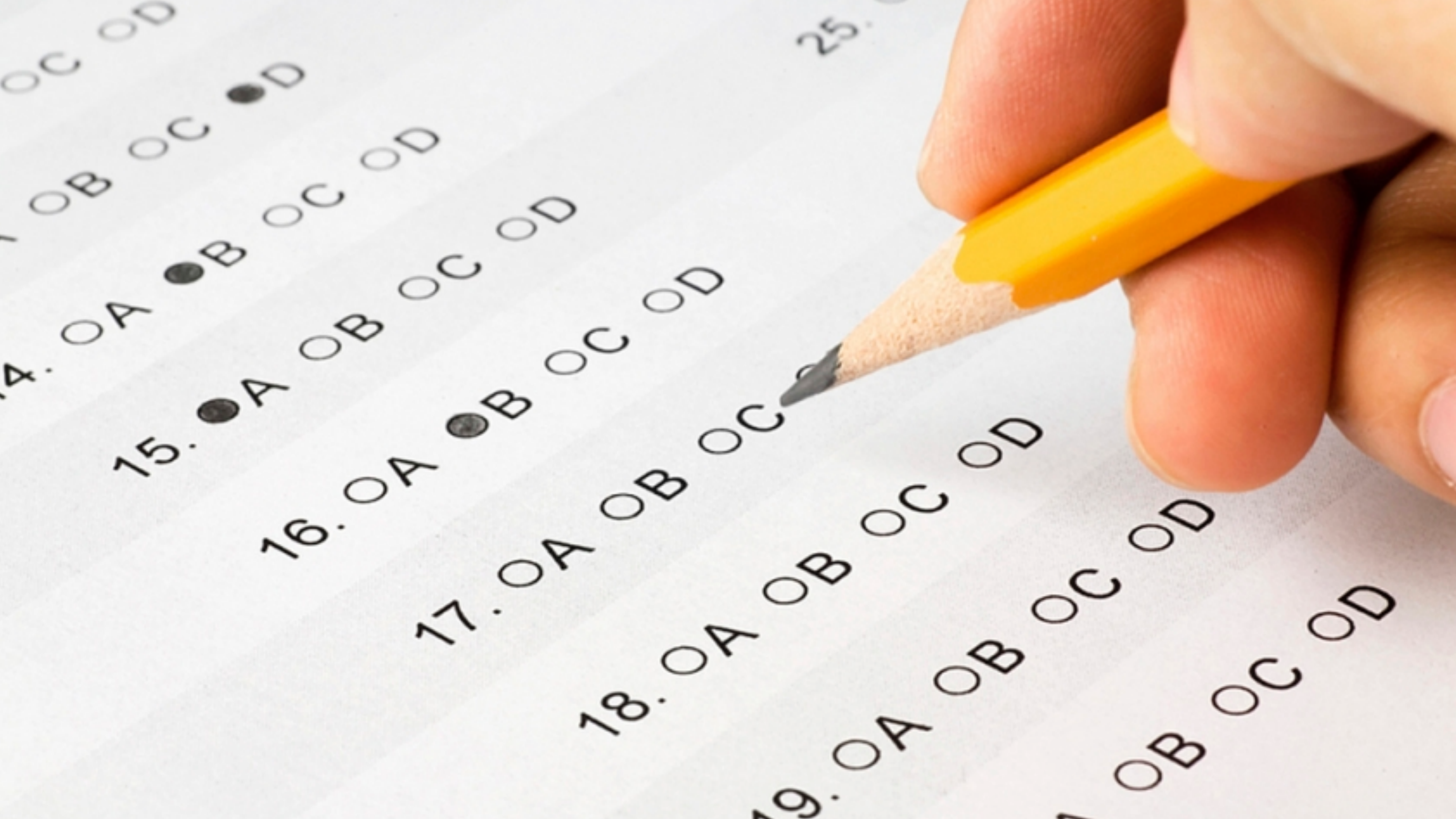
Top 10 Job Skills - World Economic Forum

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**



15.

A

B

C

D

16.

A

B

C

D

17.

A

B

C

D

18.

A

B

C

D

19.

A

B

C

D

WillRobotsTakeMyJob.com

WILL ROBOTS TAKE MY JOB?

Enter your job

or show [random example](#)

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





44+33+555+555+666=hello

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Disruptive Technology

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Past

Present

Future?



Past

Present

Future?

Computing

Transportation

Education



Past

Present

Future?

Computing

Transportation

Education

Past

Present

Future?



c|net

Past

Present

Future?





Past

Present

Future?

Computing

Transportation

Education



Past

Present

Future?

Computing

Transportation

Education

Past

Present

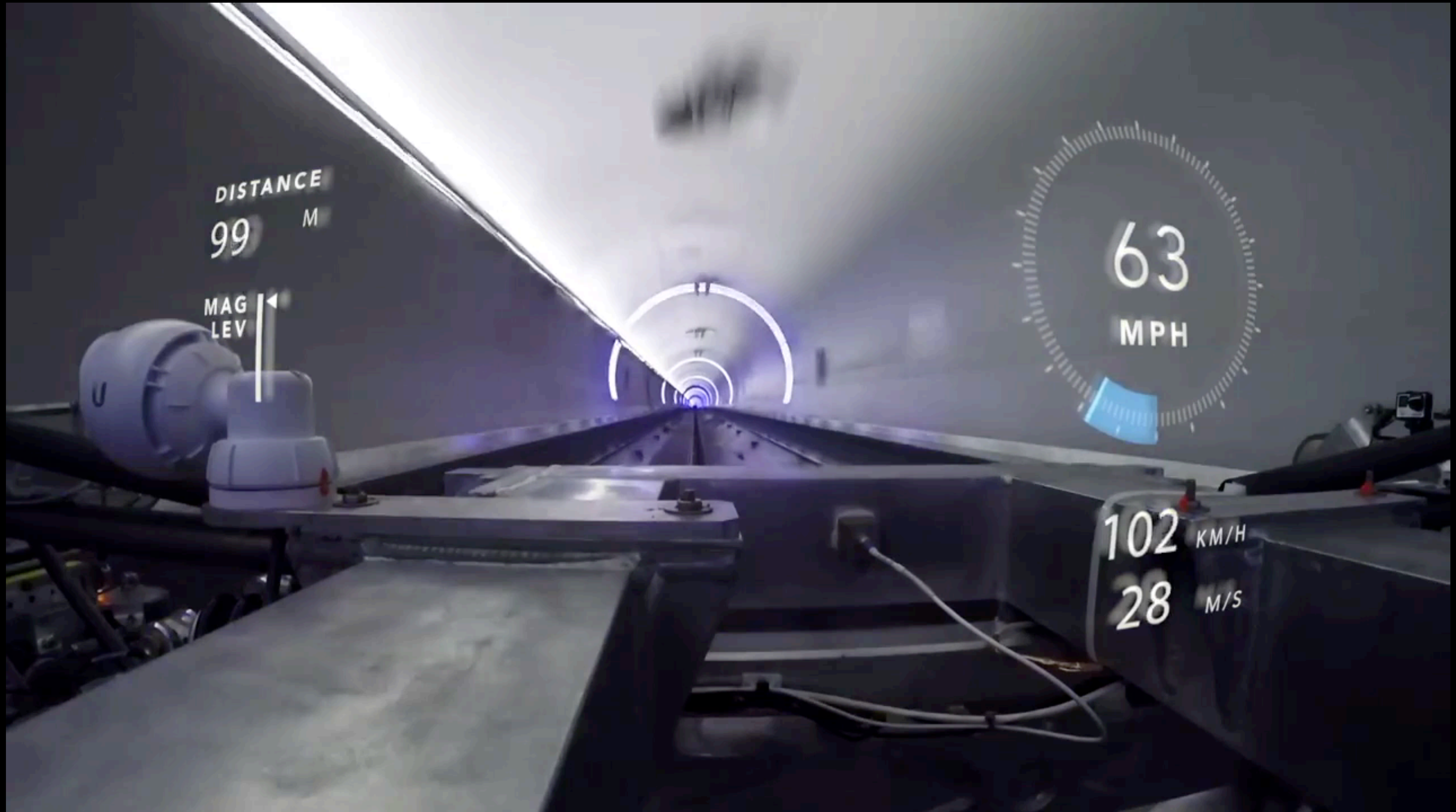
Future?



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

Stand n' Talk

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



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The image features two white humanoid robots, one on the left and one on the right, holding a large blue hexagonal graphic. The robots have a sleek, futuristic design with black joints and sensors. The blue hexagon is filled with a complex network of white lines and dots, resembling a data visualization or a neural network. The text "District Mindset" is centered within the hexagon in a white, sans-serif font.

District Mindset

#ADEHK

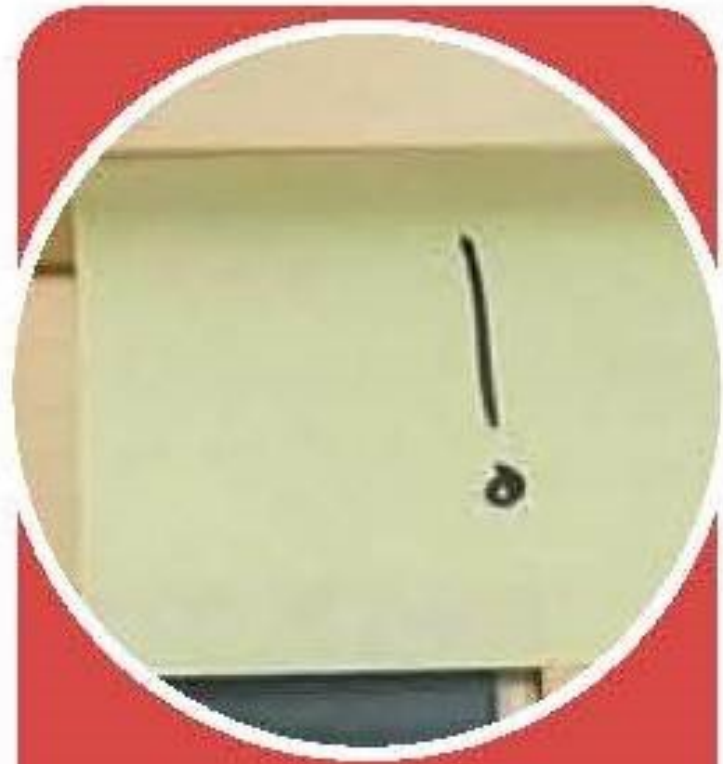
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How do we encourage staff
to be **curious** and take
risks when **failure** is a bad
word in education?



Peter Drucker

Perceptions of Failure Within a Team



Deviance



Inattention



Lack of Ability



Process Inadequacy



Task Challenge



Process Complexity



Uncertainty



Spectrum of perceptions of failure within a team.

Referenced: Amy Edmonson 'Strategies for Learning from Failure' <https://hbr.org/2011/04/strategies-for-learning-from-failure>



You are welcome to visit my room. We are rocking it!



You can come in, but know we are trying something new and it might fail.



Nothing to see here. Move along.



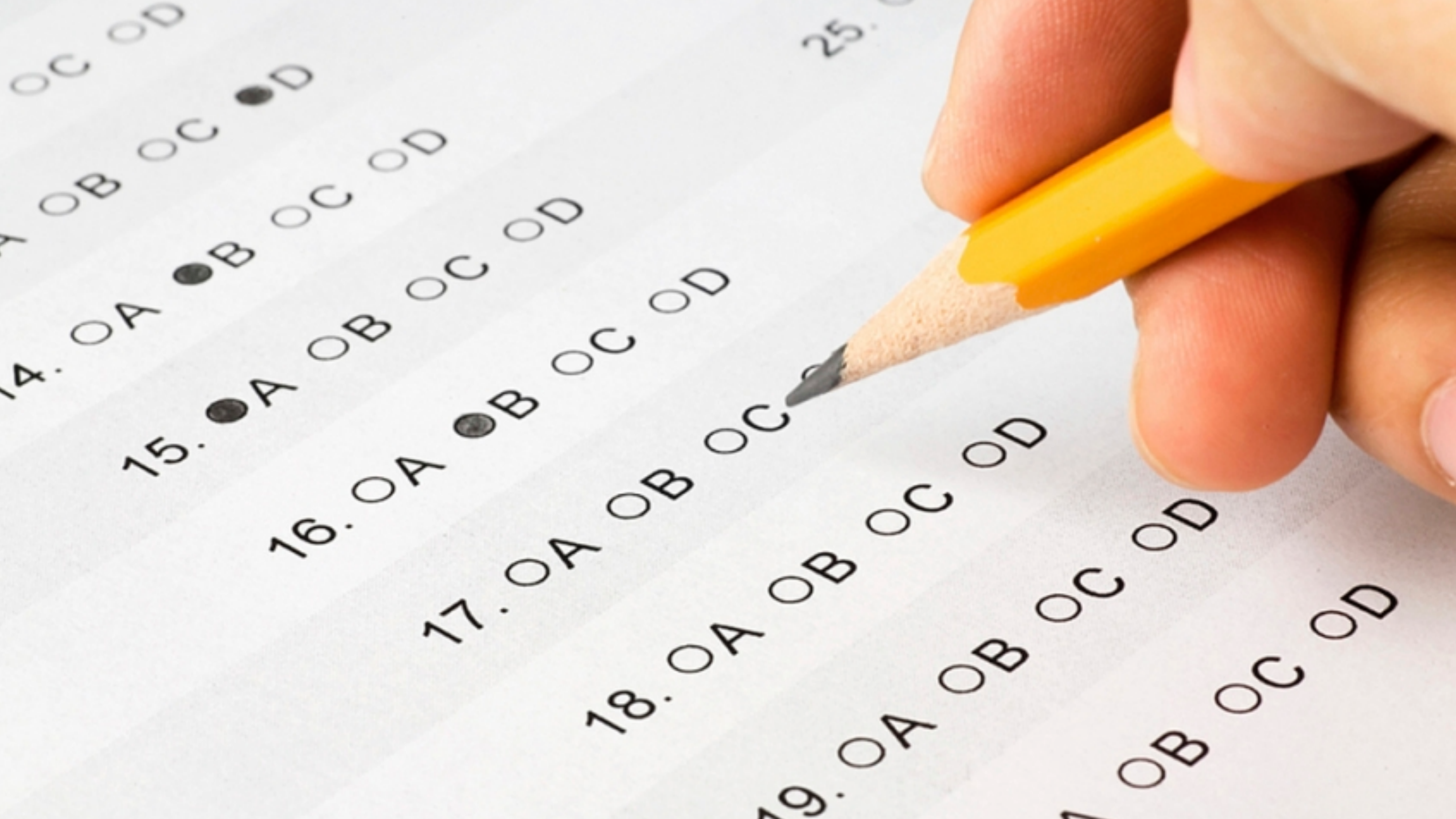
211
教室
Lecture Room

嚴禁
相撲力士飲用



211
教室
Lecture Room

嚴禁 相撲力士飲用



15.

A

B

C

D

16.

A

B

C

D

17.

A

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C

D

18.

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D

19.

A

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D



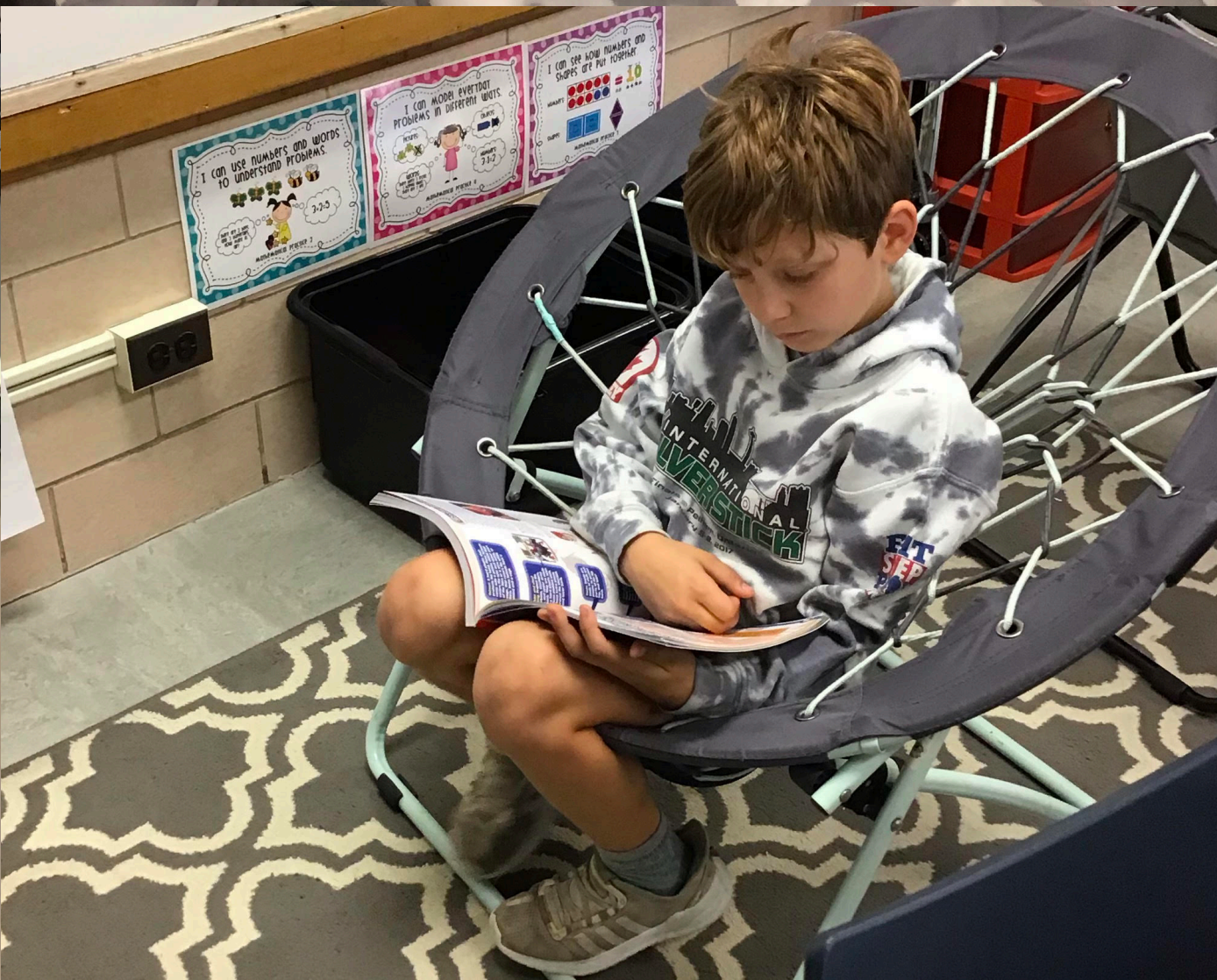


DIGITAL Innovators

Goals & Outcomes

DIGITAL Innovators

- ★ Share innovative ideas
- ★ Problem-solve best practices
- ★ Become a cohort of learners
- ★ Demonstrate a “Yes, AND” philosophy
- ★ Pilot new concepts
- ★ Improve the current system



R41

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We need to create a
generation of **empathetic**
risk-takers

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**Are We
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Thank You!

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