

The AweFull Learning Process

#Brickerrific
#AweFullLearning



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Prep Work for Today

- Resources on my website:
 - www.scottbrickeredu.com/ncea-2022
- Have a note-taking strategy ready
- Get ready to dig deep!!!



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Reflect
on your
“Why”





Education Changemaker

Speaker, Consultant, Coach
Restoring the love for learning back into classrooms

22 years in Education

Director of Ed Tech
Math Teacher

Basketball Coach
Teacher/Student Advocate

Microsoft Connections

MIEE
MIEE – Fellow

Showcase School Leader
Master Trainer

Co-Host of “Live w/US Microsoft EDU”
<https://aka.ms/USMicrosoftEDULive>

Co-Host of The Teacher Connection
@TsConnectionEDU

Passion Projects: Neuroscience, Nike Sneakerhead,
Univ. of Arizona, Golf, Music, Food & Drink!!!

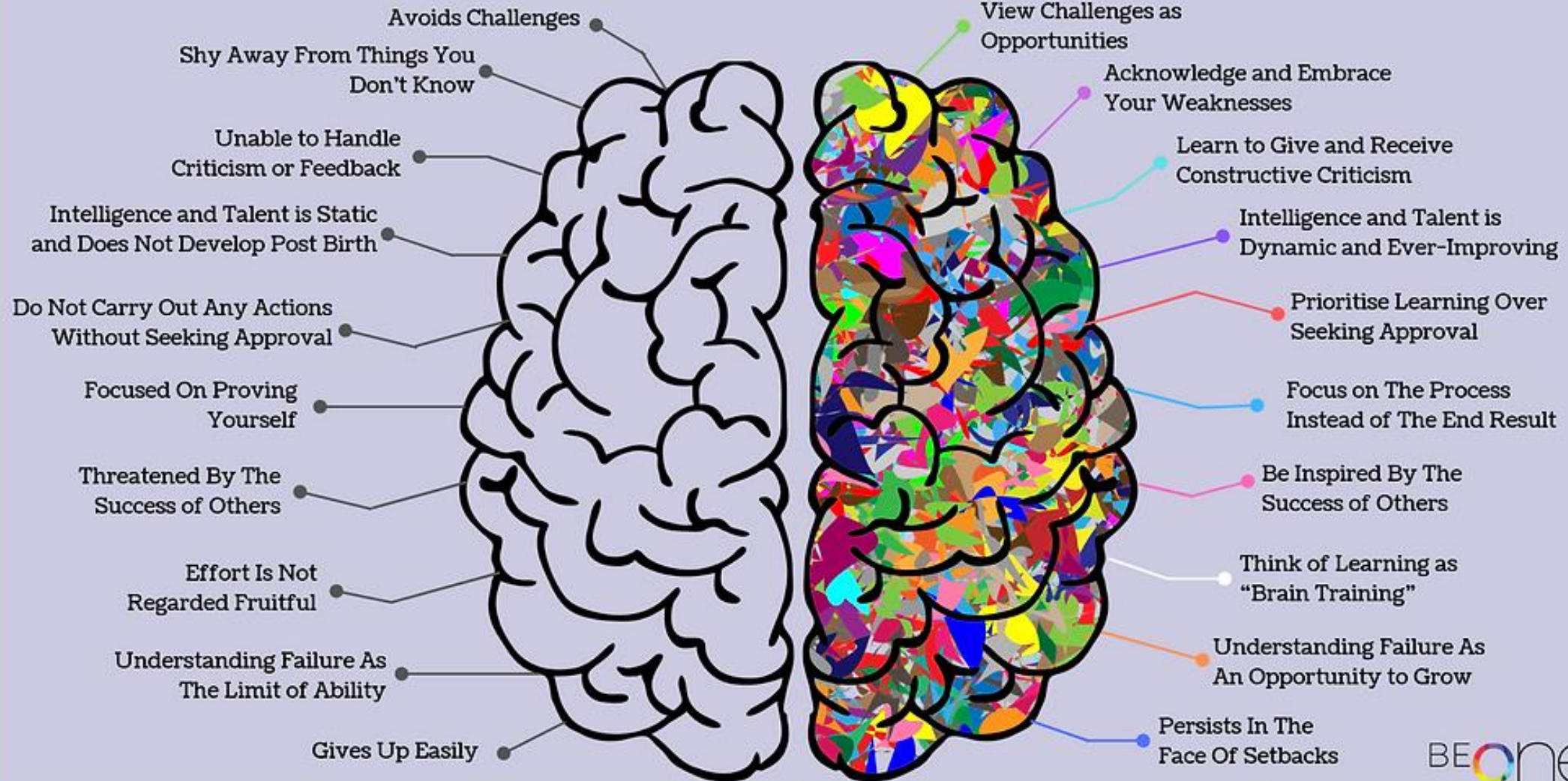


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GROWTH MINDSET



BEone



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Today's Plan of Attack

- State of Education
- Looking Toward the Future of Education & Work
- Defining The AweFull Learning Process
- Where Do We Go From Here?



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State of Education in 2022



Time to reflect....



Teachers, how are you doing?

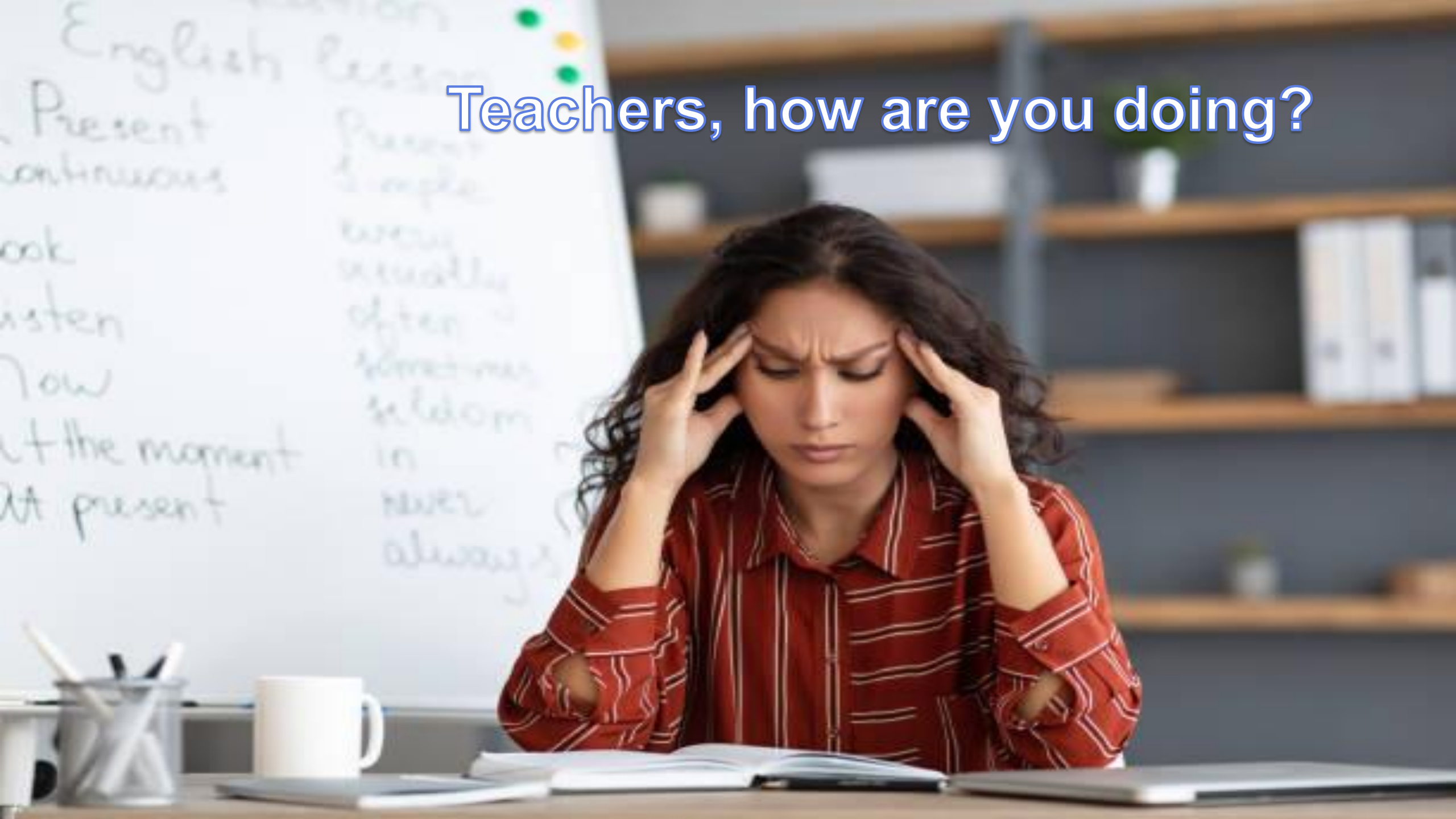
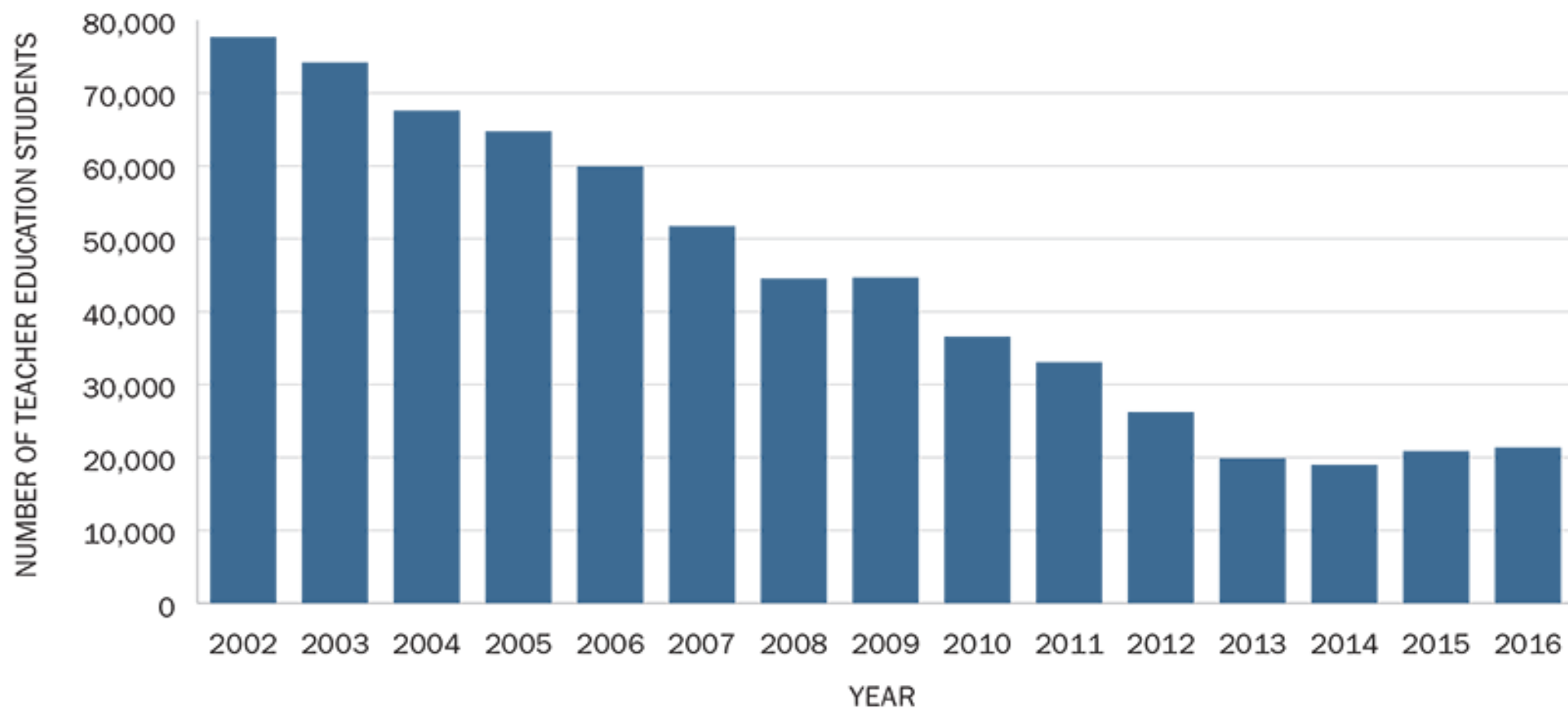


Figure 4

Enrollment in Teacher Preparation Programs Remains Low

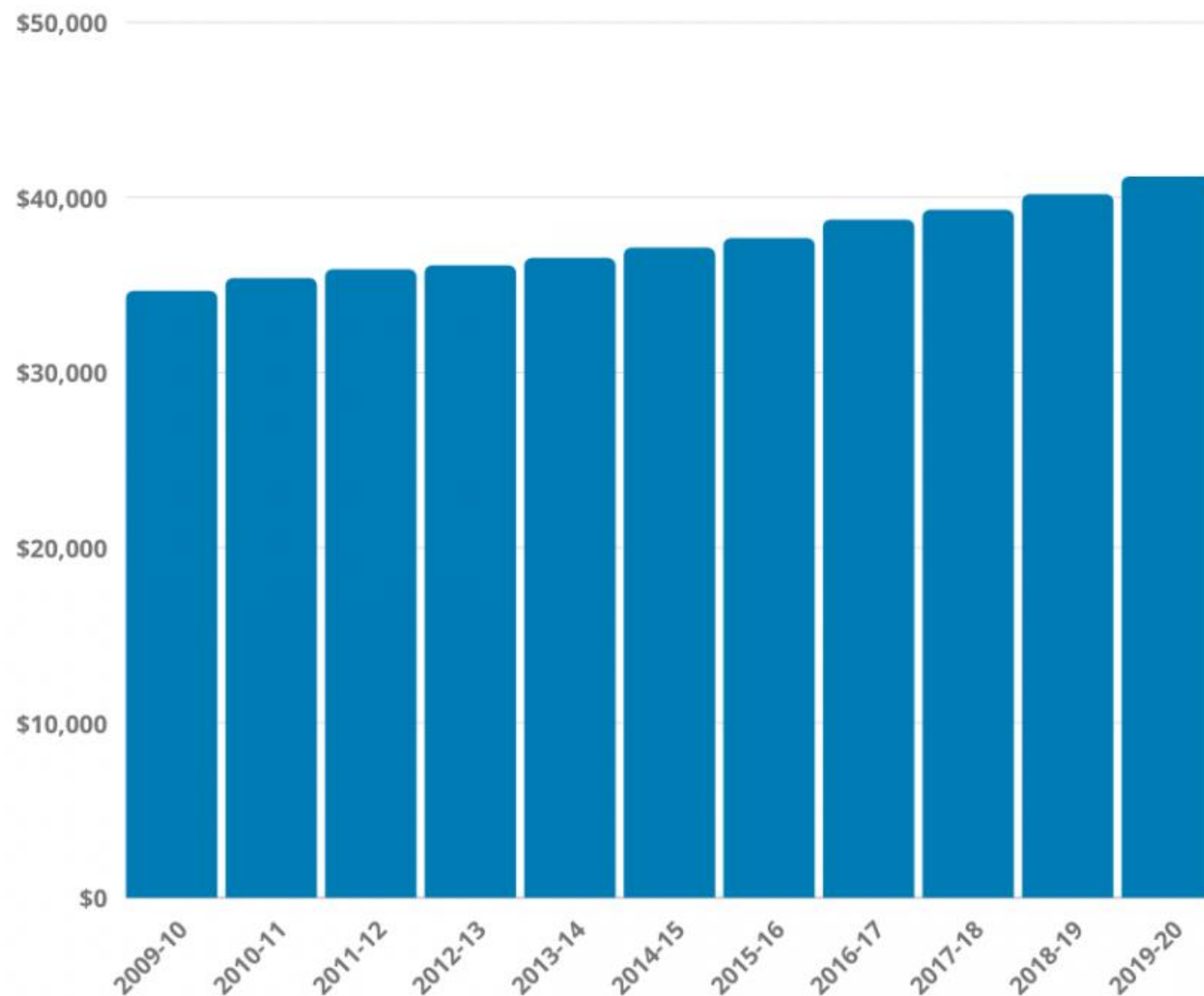
Number of California teacher preparation program enrolled candidates, 2001–02 to 2015–16

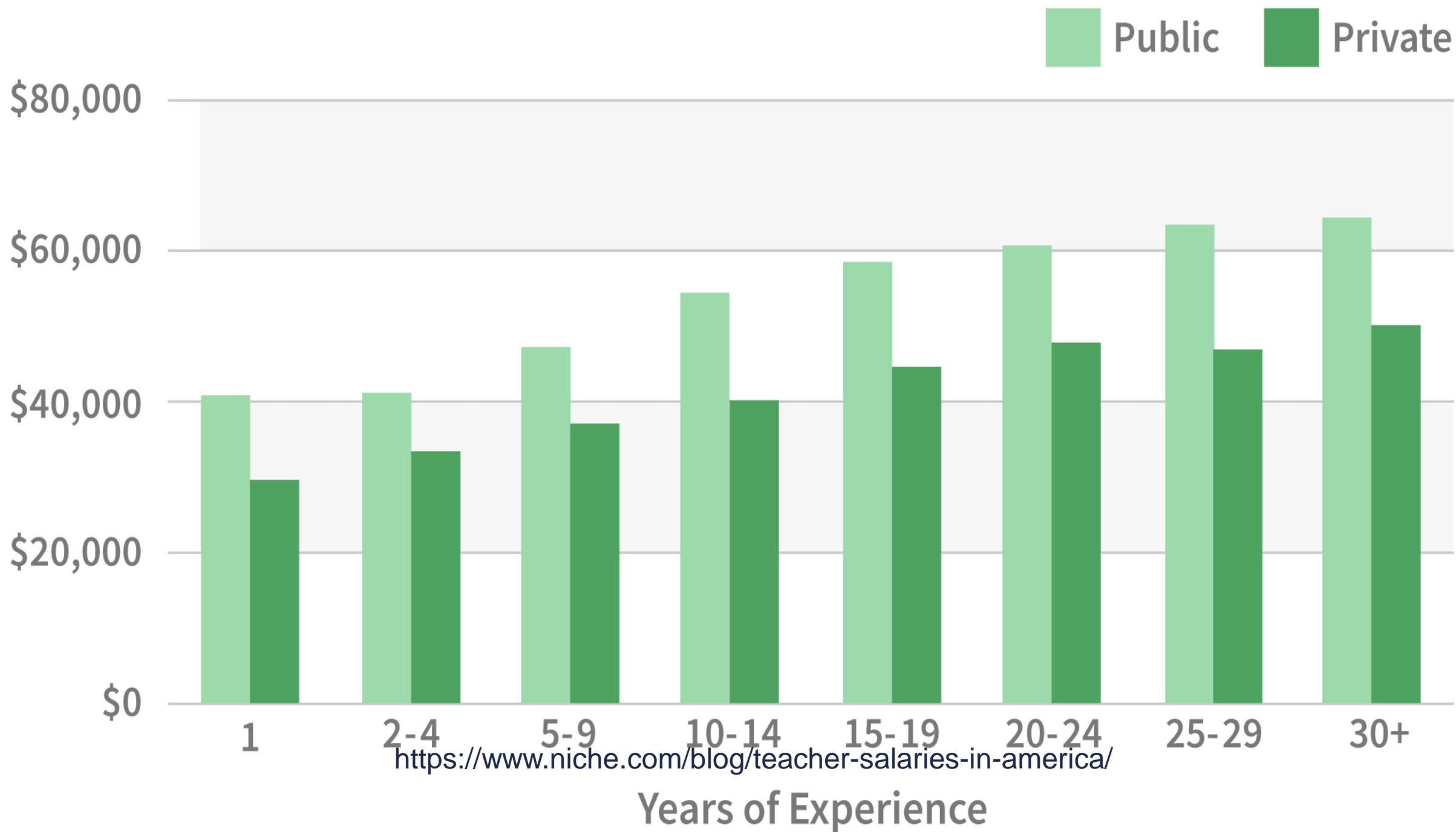


Source: California Commission on Teacher Credentialing. Data available at <http://www.ctc.ca.gov/reports/data/titlell-prog-info.html>. Data from 2015–16 was provided by the CTC through a special request.

The average starting salary for educators grew modestly from 2009 to 2020...

The average starting salary for educators for the 2019-2020 school year was \$41,163, compared to \$34,629 for the 2009-2010 school year. That's a 19.3% increase (an average gain of 1.6% YOY) over 10 years.





How Has Teaching Changed?

- Common Core
- Demanding Parents & Achievement Culture
- Technology Learning Curve
- State & Standardized Testing Requirements
- College Admissions Pressure



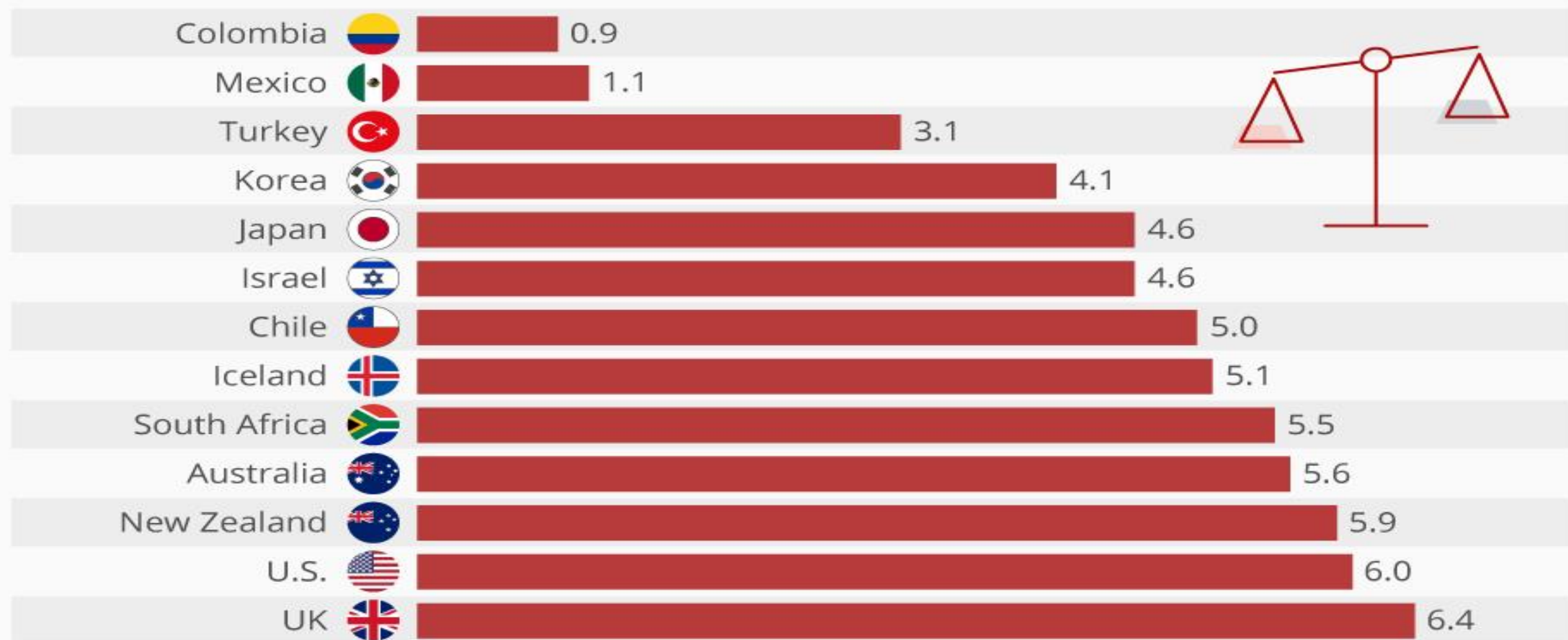
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The Countries With the Worst Work-Life Balance

Countries with the worst work-life balance in 2019 (0=worst balance)



Index score on a scale of 0 to 10, based on indicators such as working hours, time for leisure and personal time, employment rate of mothers in the 35 OECD member states plus Russia, Brazil and South Africa

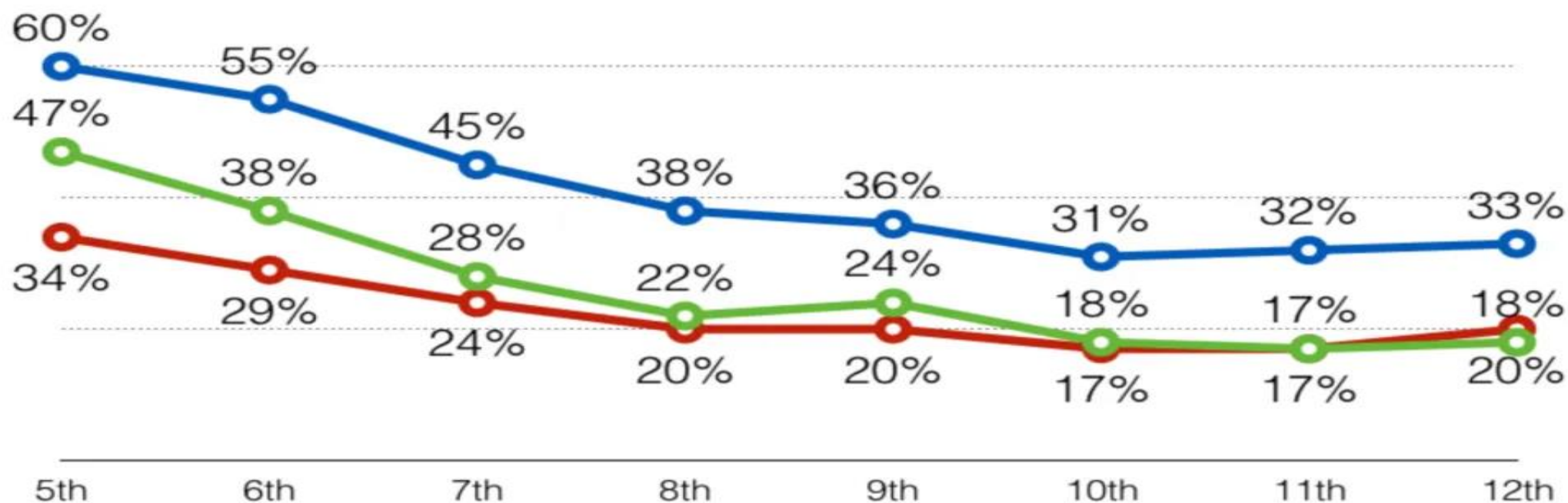
Source: OECD

What about our students?



Percentage of Students Who Strongly Agree, By Grade (n = 928,888)

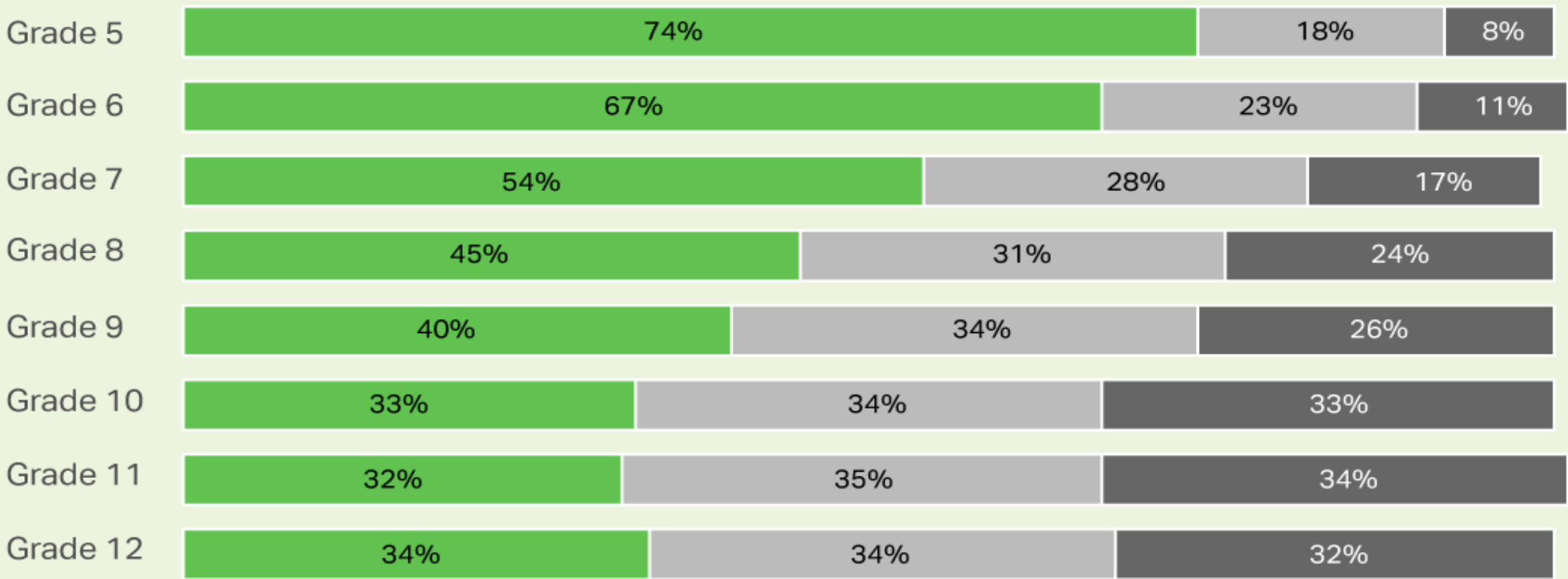
- In the last 7 days, I have learned something interesting at school
- I have fun at school
- At this school, I get to do what I do best every day



Gallup. (2016). *Gallup student poll. Engaged today - Ready for tomorrow. Fall 2015 survey results*. Washington, DC: Author.

Student Engagement by Grade

Engaged Not engaged Actively disengaged



How long can we stay focused, on average?

15-20 min.

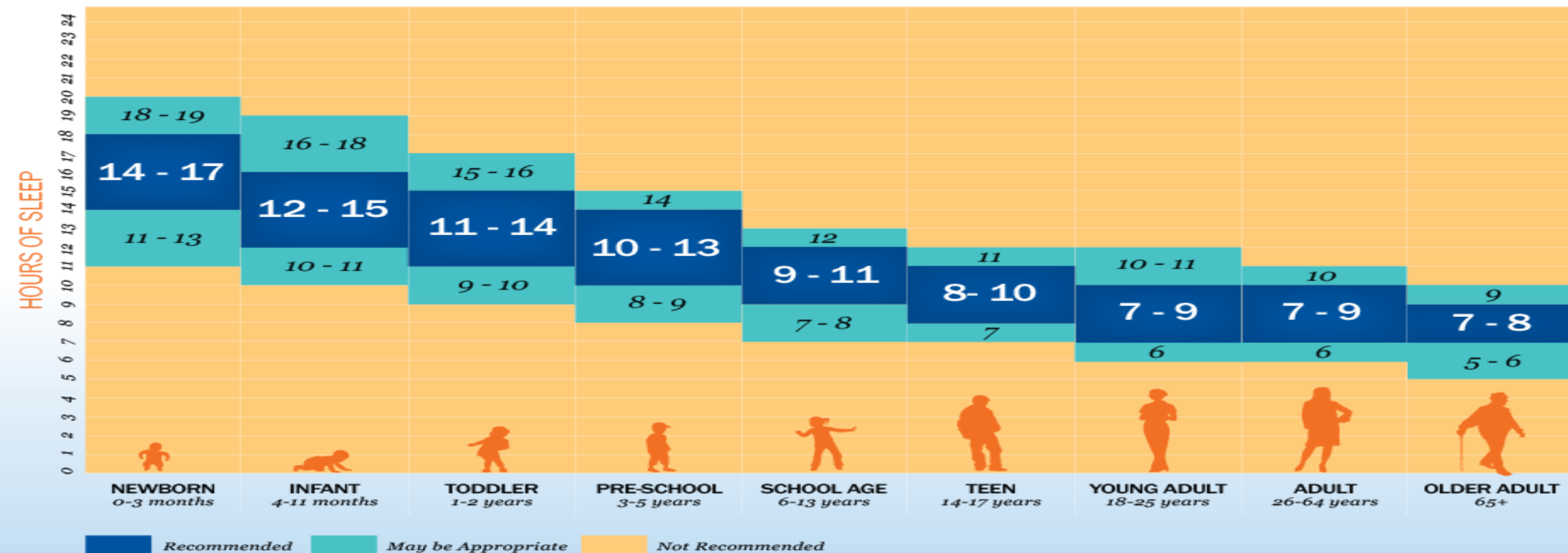


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SLEEP DURATION RECOMMENDATIONS



SLEEPFOUNDATION.ORG | SLEEP.ORG

What percent of high school students are falling short of 8-10 hrs.

70%

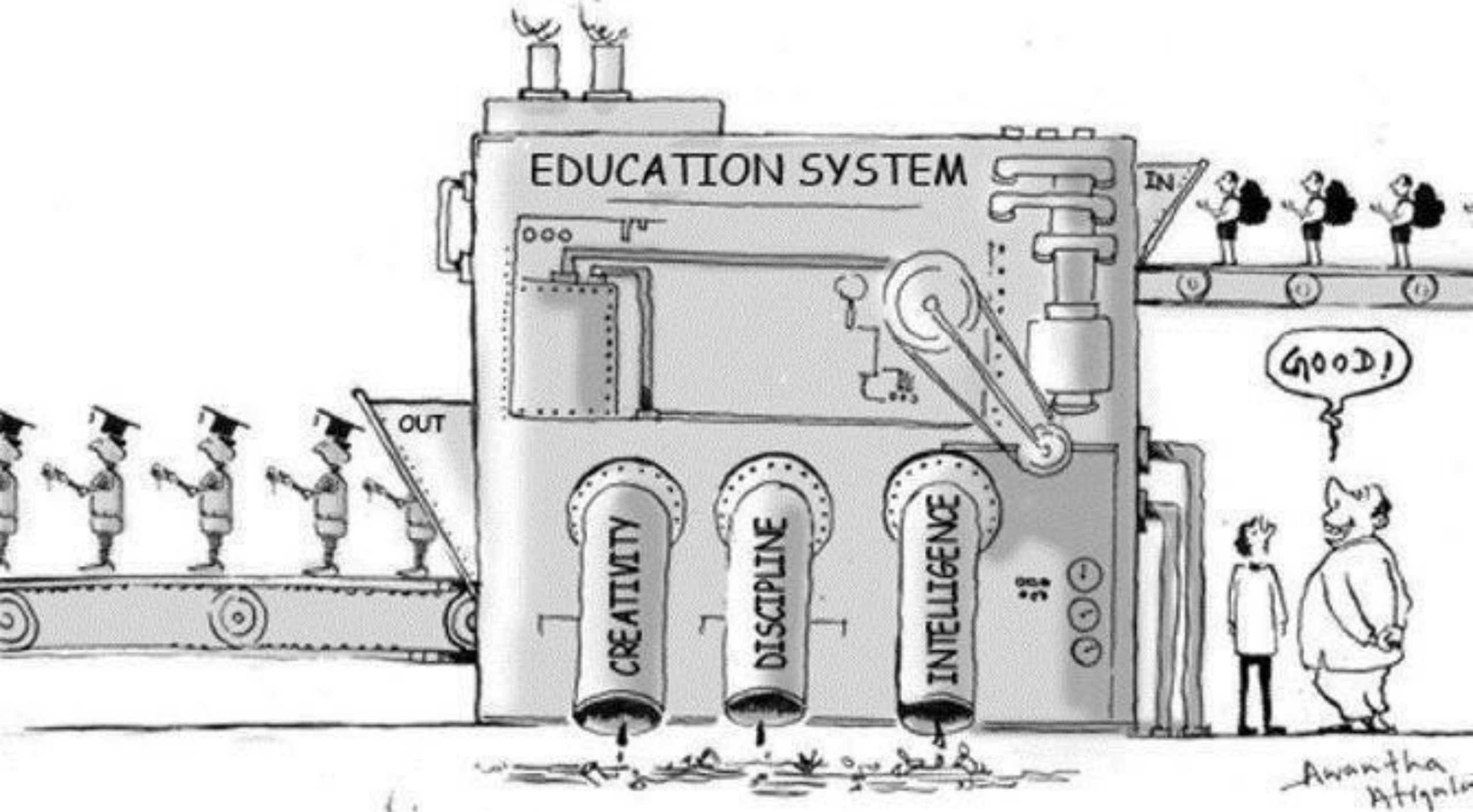
Source: Stanford Children's Hospital & CDC



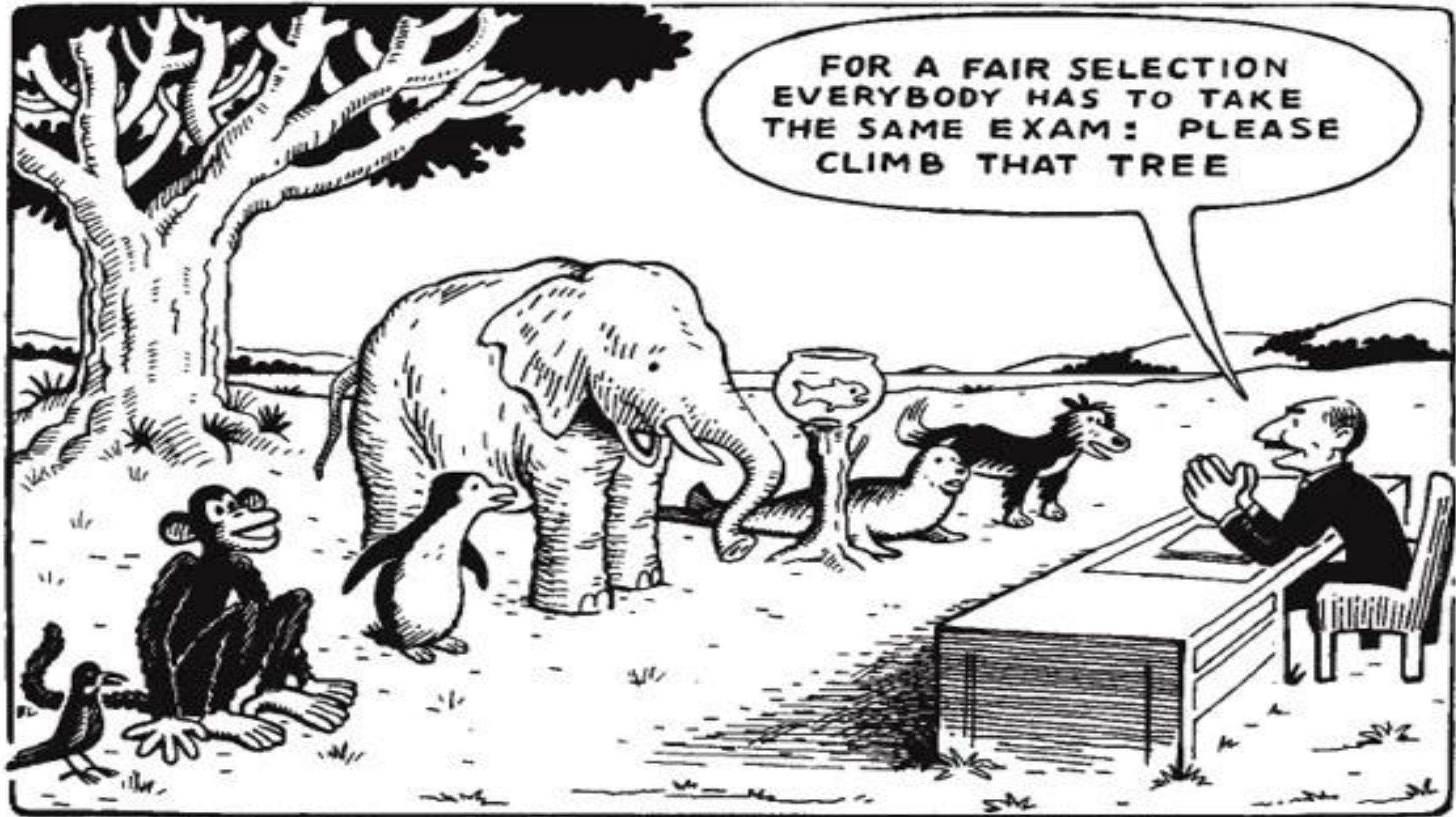
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FOR A FAIR SELECTION
EVERYBODY HAS TO TAKE
THE SAME EXAM: PLEASE
CLIMB THAT TREE



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Time to reflect....



The Future of Education & Work



Jobs requiring technical skills

65% of students today will do jobs that currently don't exist

50%

TODAY

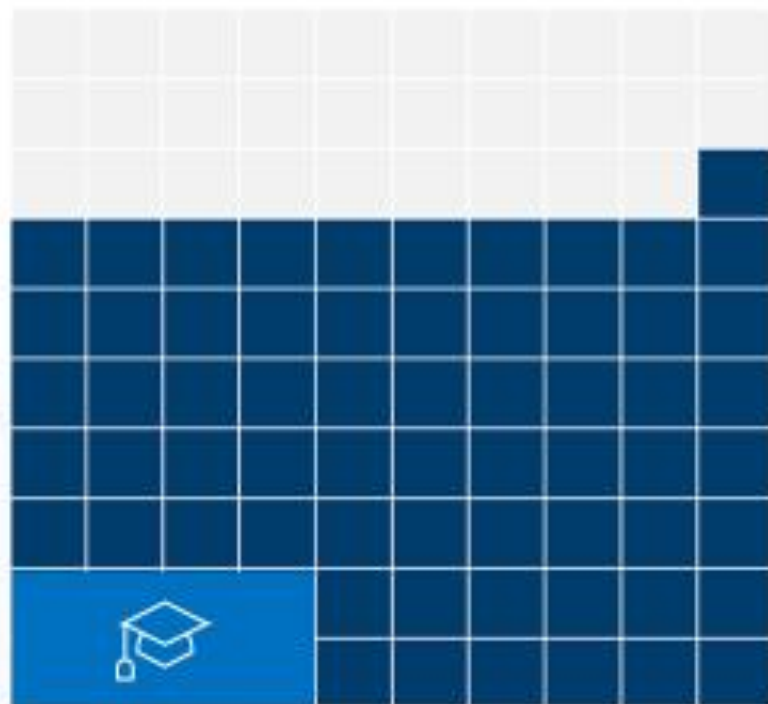
77%

NEXT 10 YEARS

US Bureau of Labor Statistics



71% of STEM jobs are in
Computer Science



Yet **only 8%** of STEM graduates
fill the pipeline



1905

1925



1980



2022





1970's



1940's



Late 1800's



1990's

2022



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Awe, Wonder,
Curiosity, Novelty,
Emotion

NEW YORK TIMES BESTSELLER

["Words leap off the page."
— USA Today]

brain rules

12 Principles for Surviving and Thriving
at Work, Home, and School

JOHN MEDINA



Includes link to Brain Rules film

NEURO

BRAIN SCIENCE AND THE
FUTURE OF EDUCATION

TEACH

GLENN WHITMAN AND IAN KELLEHER



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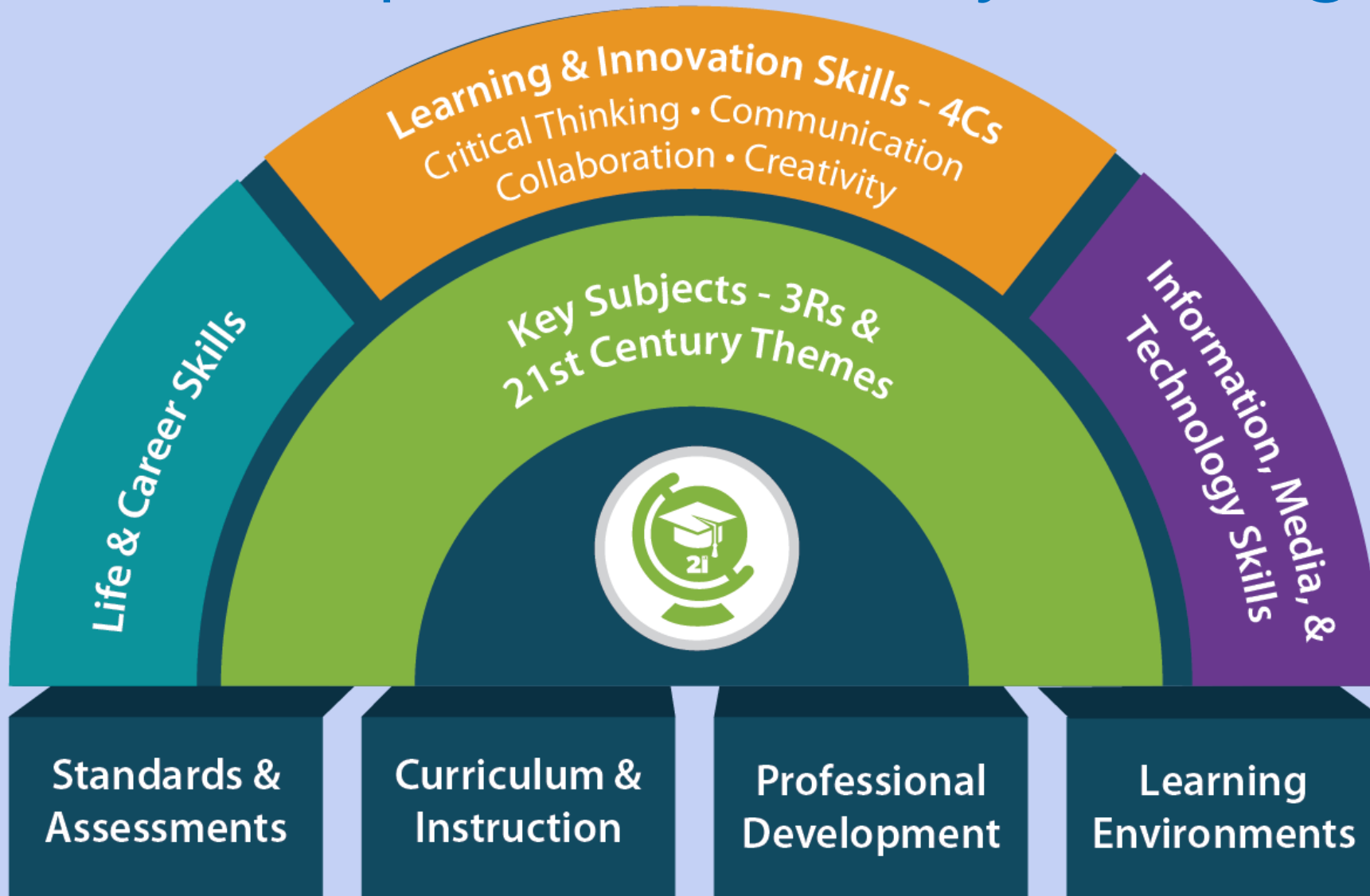




Time to reflect....



Partnership for 21st Century Learning



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<https://casel.org>

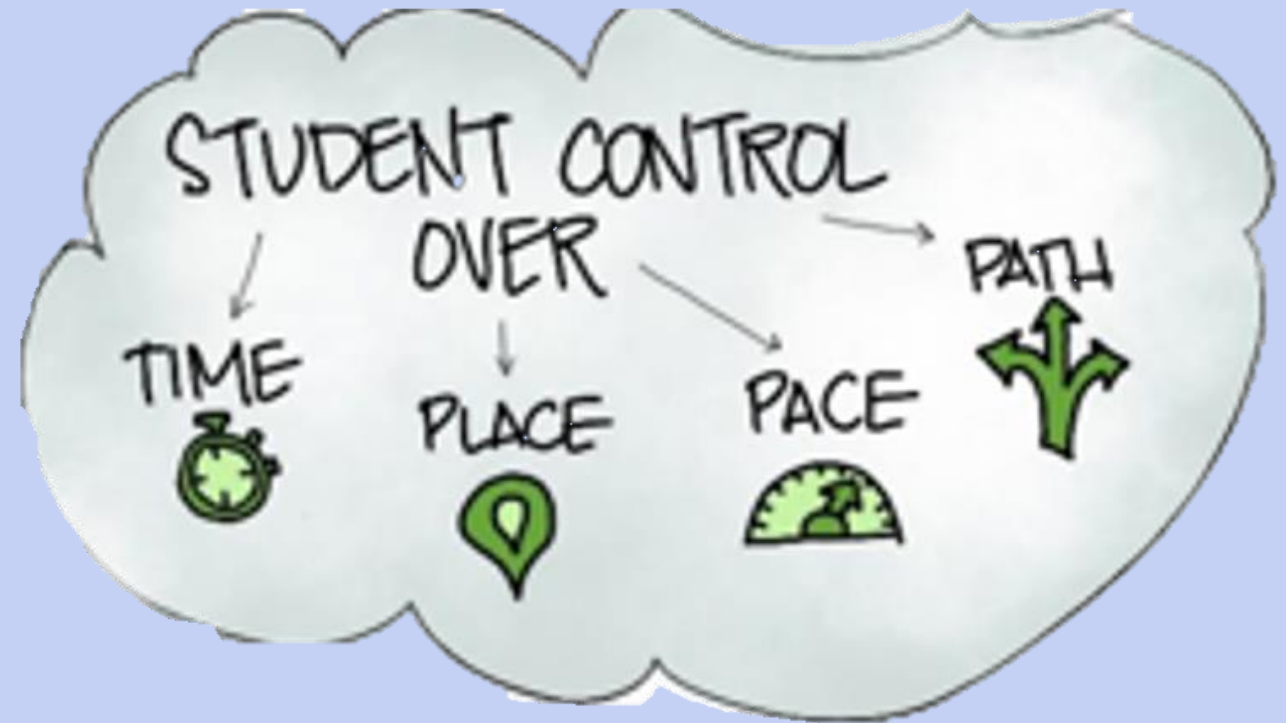


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WHAT IS BLENDED LEARNING?



Graphic courtesy of Catlin Tucker





“One of the things that we **never discuss** or we rarely discuss is the value and importance of human connection, **relationships.**”

“Every child deserves a *champion*...

....An adult who will never give up on them, who understands the power of connection, and insists that they become the best that they can possibly be.”

---Rita Pierson



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*"The **best opportunity** for **innovation in education?** **Empower schools and districts** with the **freedom to really innovate** to find the best ways to **teach and assess 21st century outcomes.**"*

Ken Kay

Co-Founder
Edleader21 and P21

#WhatSchoolCouldBe



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Skills & Techniques to Incorporate

- Time for Reflection
- Student self-efficacy
- Higher Order Thinking/Communication Skills
- 4 C's of 21st Century Learning
- Learning > Points/Grades
- Leverage the Power of Technology
- Social-Emotional Learning
- Design Learning for All
- Latest Neuroscience Research
- Build Relationships with & Among Your Students



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Time to reflect....





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Building a Community of AweFull Learning

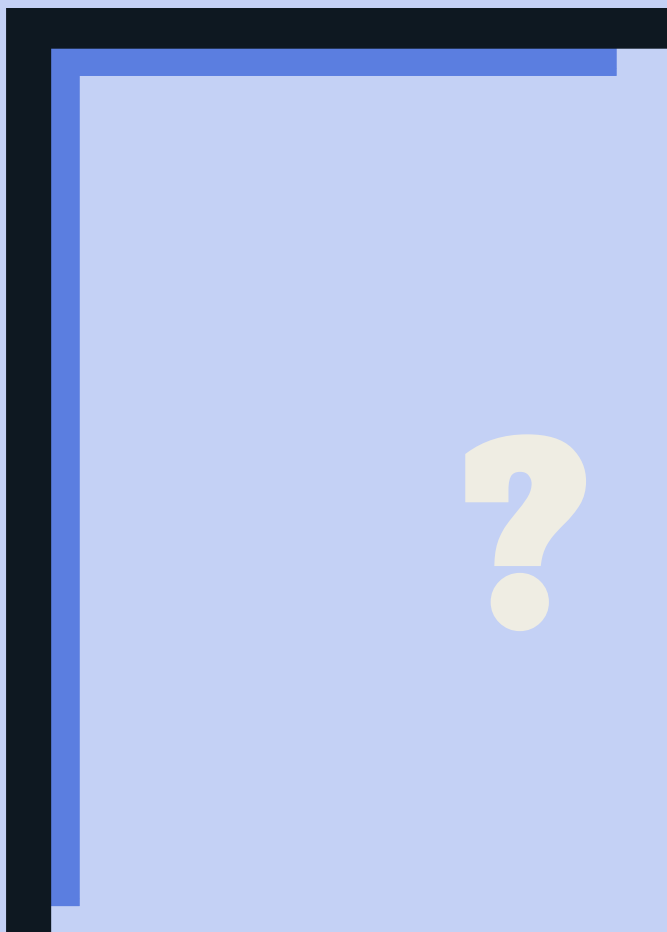
- Student Centered at All Times
- Foundation in Neuroscience
- Build a Culture of Growth Mindset & 21st Century Skills
- Parent Education!!!
- Find & Remember Your Why



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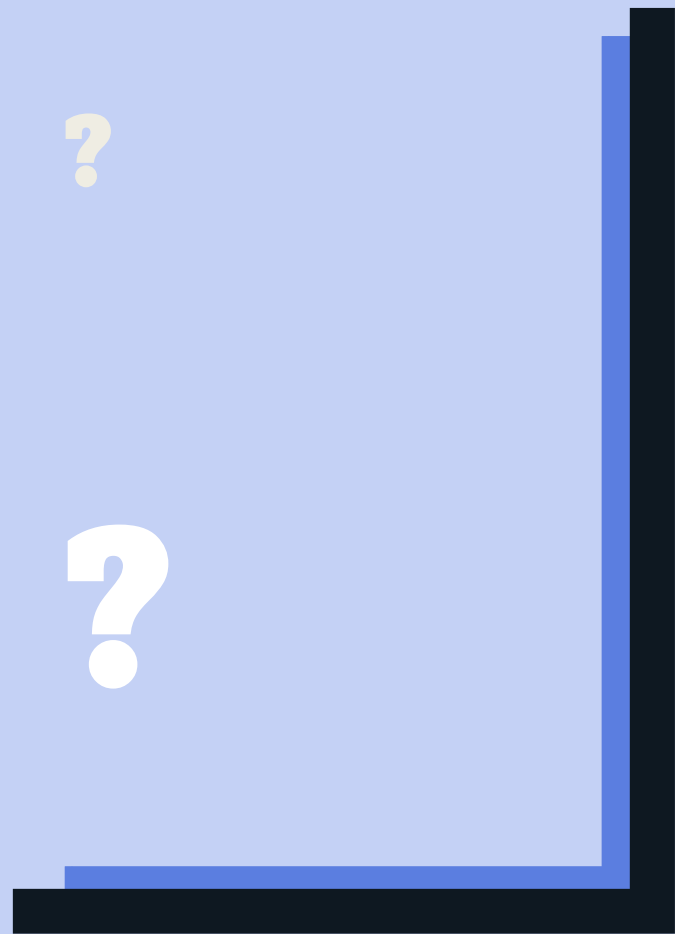
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Keynotes Professional Development Consulting Coaching Special Events

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Thank you so much for attending today's session!!!

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