

## Keynote Day 1

[Dr. Lyla June Johnston](#)

[Richard Culatta, ASCD and ISTE](#)

[Mo Gawdat](#)

### Dr. Lyla June Johnston

Lyla June Johnston, Ph.D., is an Indigenous musician, author and community organizer of Diné (Navajo), Tsétséhéstâhese (Cheyenne) and European lineages. Her multi-genre presentation style has engaged audiences across the globe toward personal, collective and ecological healing.

She blends her study of human ecology, graduate work in Indigenous pedagogy and her own traditional worldview to inform her music, perspectives and solutions. Her doctoral research focused on how precolonial Indigenous nations shaped large regions of Turtle Island (the Americas) to produce abundant food systems for humans and nonhumans.

Introduced the similar challenge of injustice relating to land loss for indigenous peoples

Democracy - came from indigenous people ( social technology)

Technology not credited but coming from indigenous  
Aspirin from willow

Citing land and earth care as an original technology.  
Exploring what is the spirit of the technology and innovation.  
Rockets with poverty is not success

- Compassion
- Humility
- Respect for the earth Kaitiakitanga
- Greatest tech is love - the measure of technology  
It sits within us
- Everyone is indigenous to somewhere

Song link all nations rise <https://www.riseupandsing.org/songs/all-nations-rise>

### Richard Culatta, ASCD and ISTE

<https://iste.org/digital-citizenship-lessons>

5 quality indicators

Edtech index.org

- Interoperable
- Safe
- Inclusive
- Evidence based

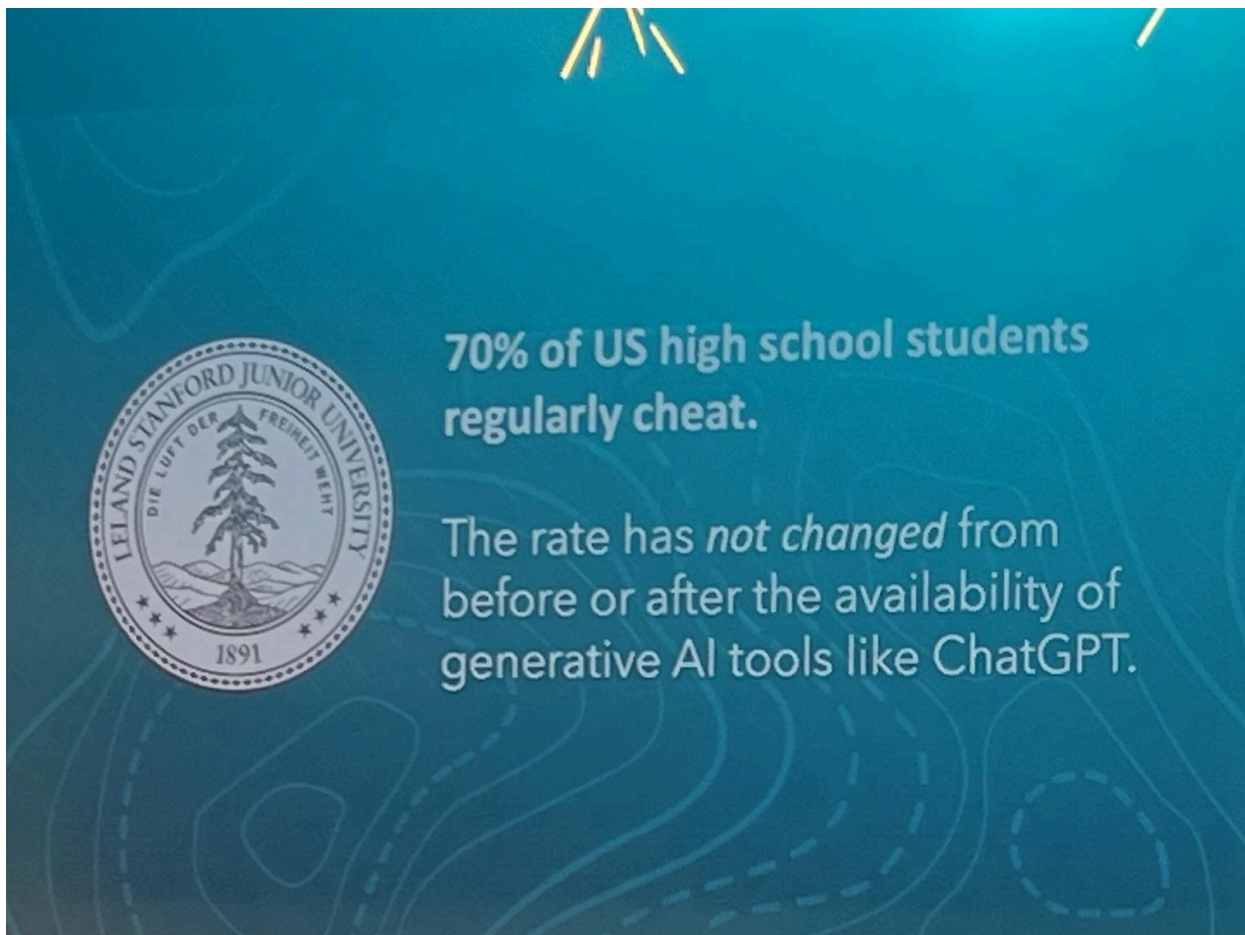
Truly impactful Learning  
Research based

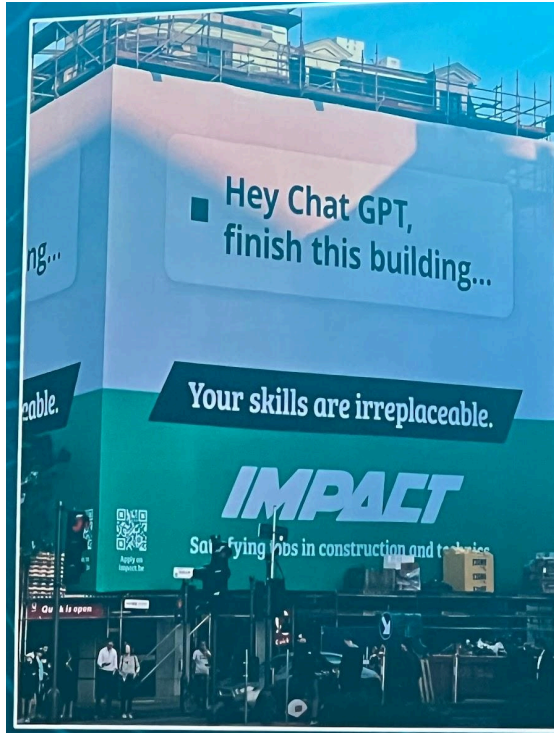
Just the Essentials  
Easy to understand

Joyful and curious learning  
<https://iste.ascd.org/transformational-learning-principles>

AI  
What are uniquely human skills  
We can design schools around these things.

Cheating is a cultural problem and has changed since AI arrived





Humans are better at discernment

General purpose tech changes everything

## Sinead Bovell

Sinead Bovell is a futurist and the founder WAYE, a tech education company that enlightens young entrepreneurs on the intersection of business, technology and the future. Her event series, WAYE Talks, has attracted interest from youth worldwide. From blockchain to artificial intelligence (AI) to the future of social media, young people have turned to WAYE Talks for the tools and answers to the technology of the future.

Technology changes human behaviour , creator economy

- AI is a general purpose technology. General purpose tech changes everything

We have to reconfigure our existence what we do to know how to make the most of it.

We will stream ai like electricity and the internet

All current jobs will be radically changed by AI

We need to raise the BAR for kids learning to make more creative expressive challenges to demonstrate share learning.

LEADERSHIP LAB

# Why we should stop asking kids what they want to be when they grow up

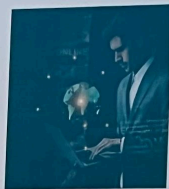
SINEAD BOVELL

SPECIAL TO THE GLOBE AND MAIL

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## FOUNDATIONAL SKILLS



1. READING AND COMPREHENSION, LANGUAGE AND ORAL COMMUNICATION

2. CREATIVITY, IMAGINATION AND PLAY AS A COMPETITIVE ADVANTAGE

3. ENTREPRENEURSHIP: The rise of independent workforce.

4. CULTIVATE VARIED INTEREST AND CROSS DISCIPLINARY THINKING

5. WE NEED TO FOSTER DEEP AND COMPLEX THINKERS

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Prediction and judgement are not the same thing  
We need deep and complex thinkers  
Humanities have never been more important  
Education needs to change first before we throw in a chatbot.  
School may be the only place that kids get access to ai  
T  
predictive futures are quite a risk  
Will Kids attach to AI's



## PERSONALIZED LEARNING AND AI-SUPPORTED TEACHING



The changes to education and curricula won't be possible without AI on the teaching side



we need more tools to support teachers (AI)



careful and calculated investment in AI in schools and in classrooms



Personalized AI tutors and AI assistants



Widespread AI literacy for teachers



We are going to need to build in flexibility and adaptability into teaching and curricula





## THE ETHICS OF PERSONALIZED LEARNING AND AI IN EDUCATION

01



Data collection,  
privacy

03



Biased AI, nudging



Access AI



Echo chambers

02

04





## Mo Gawdat

is a bestselling author, chief AI officer for Flight Story, founder of One Billion Happy, former chief business officer for Google [X] and host of the podcast "Slo Mo: A Podcast with Mo Gawdat." At global marketing company Flight Story, Gawdat guides the agency and its clients on how to both embrace and regulate AI in the marketing landscape. After a 30-year career in tech and serving as chief business officer at Google [X], Google's "moonshot factory" of innovation, Gawdat has made happiness his primary topic of research, diving deeply into literature and conversing on the topic with some of the wisest people in the world.