



# Emerging and Current Trends in Educational Technology



Technology is  
anything invented  
after you were born.

–Alan Kay, computer scientist



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# Makerspace/STEAM

Ground the skill development in NGSS Engineering, Technology, and Applications core idea

A decorative graphic on the left side of the slide. It features a large central hexagon with a white number '2'. Surrounding this central hexagon are several smaller hexagons of varying shades of blue and teal. Some of these smaller hexagons contain white icons: a lightbulb, a thumbs-up, a smartphone, a magnifying glass, and a gear. There is also a network-like icon with a central node and connecting lines.

# 2

## Redesigned Learning Spaces

How can our spaces support our learning goals? If we examine our rooms right now, what story are they telling?

A decorative graphic on the left side of the slide consists of a cluster of hexagons in various shades of blue and cyan. Some hexagons contain white icons: a lightbulb, a thumbs-up, a smartphone, a magnifying glass, and a gear. A network of dots and lines is also visible. A large cyan hexagon in the center of this cluster contains the white number '3'.

# 3

## Data Rich, Information Poor

We have vast amount of data, both formal and informal. What do we want the data to do for us?



# 4

## Badging/ Micro-credentials

Gaming our learning experiences can help celebrate the little victories. Micro-credentials offer targeted learning for teachers such as learner motivation, deep questioning strategies, and project management.

A decorative graphic on the left side of the slide. It features a large central hexagon with a blue-to-teal gradient, containing the white number '5'. Surrounding this central hexagon are several smaller hexagons of varying shades of blue and teal. Some of these smaller hexagons contain white icons: a lightbulb, a thumbs-up, a smartphone, a magnifying glass, and a gear. There is also a network-like icon with a central node and radiating lines, and a speech bubble icon.

# 5

## Open Education Resources

Openly licensed educational resources that can be used for teaching, learning, and assessment for free.

A decorative graphic on the left side of the slide consists of a cluster of hexagons in various shades of blue and teal. Some hexagons contain white icons: a lightbulb, a thumbs-up, a smartphone, a magnifying glass, and a gear. A network of small circles is also visible. The number '6' is prominently displayed in white inside a large teal hexagon.

6

# Free, Online Learning

Classrooms are no longer the only dispensers of quality knowledge



A cluster of hexagonal icons in various shades of blue and cyan. The icons include a lightbulb, a thumbs-up, a network node, a smartphone, a magnifying glass, a gear, and a speech bubble.

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# Virtual Reality and Augmented Reality

Tools that excite, add wonder, and awe

A decorative graphic on the left side of the slide consists of a cluster of hexagons in various shades of blue and teal. Some hexagons contain white icons: a lightbulb, a thumbs-up, a smartphone, a magnifying glass, and a gear. A network of small circles and lines is also visible. A large, central hexagon contains the number 8.

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## Bandwidth Expansion

CCSS, NGSS, ACT, SAT, and other assessments cannot be once a year experiences for our students. Also, how many devices will one person bring to school in the future?

A decorative graphic on the left side of the slide. It features a large central hexagon with a white number '9'. Surrounding this central hexagon are several smaller hexagons of varying shades of blue and teal. Some of these smaller hexagons contain white icons: a lightbulb, a thumbs-up, a smartphone, a magnifying glass, and a gear. There is also a network-like icon with a central node and radiating lines.

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# Wearables

Still predicted to be 3-4 years out, imagine a PE experience where students have fitness trackers and work towards personal records or daily goals.



# The Pendulum Redefined





# The Student

Innovator, risk-taker, problem-seeker, solution creator,  
thoughtful, kind, caring, giving, responsible contributor.





# Thanks!

## Any questions?

You can find me at:

- ◇ @username
- ◇ user@mail.me





# Credits

Special thanks to all the people who made and released these awesome resources for free:

- ◇ Presentation template by [SlidesCarnival](#)
- ◇ Photographs by [Unsplash](#)

