



Empowering Educators to Teach Artificial Intelligence

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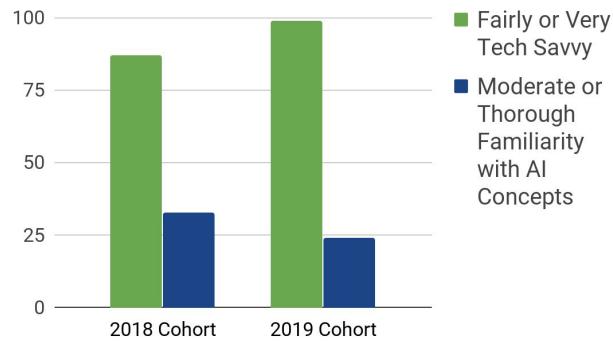


What do educators know about AI?

What do educators teach about AI?



Readiness Survey for AI Explorations Course



AI is just robots.

All robots are AI.

Teaching AI means using
or making chatbots.

If it isn't machine learning,
then it's not AI.

AI is going to replace teachers.

Artificial Intelligence Explorations

and Their Practical Use
in School Environments



GENERAL MOTORS



- ISTE Conference
- Webinars
- Teaching AI Book
- Online Professional Learning Course Offerings
- Professional Learning Network



What have we learned?

- The background of interested educators
- What these educators know and don't know about AI
- What growth in both understanding and practice they are able to make through professional development
- What educational plans and artifacts these educators are able to create based on that new understanding



So, what does AI education look like for today's educators?



Precursor to AI Education





Precursor to
AI Education

Teaching &
Learning
about AI

ISTE

**Students at
Kauai High
School
are creating
podcasts about
the impact of AI
on their
daily lives.**



ISTE

Precursor to
AI Education

Teaching &
Learning
about AI

Working
with AI

ISTE

MixLab

Create Alexa skills in minutes

- 1 Pick a blueprint
- 2 Fill in the blanks
- 3 Use, share, or publish your skill

Machine Learning for Kids

In 6 seconds... mixlab.org/blueprints/ml_kid

In 20 minutes... mixlab.org/blueprints/ml_kid

ML

akinator

QUICK. DRAW!

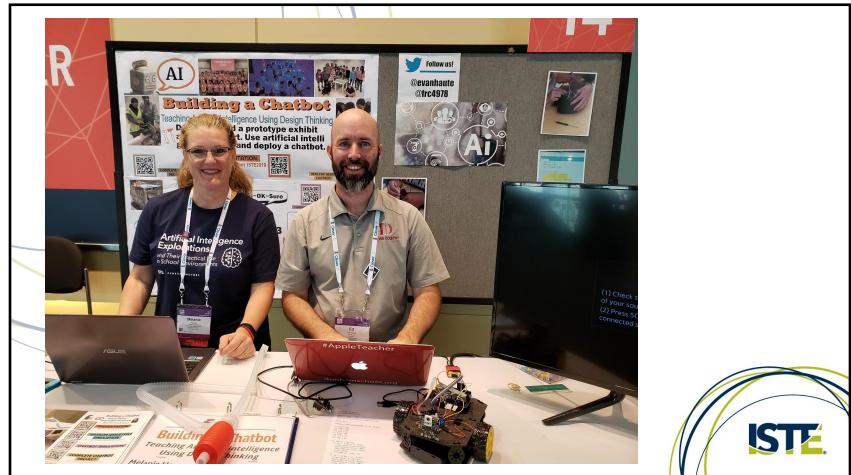
Hello, I am Akinator

Think about a real or fictional character. I will try to guess what it is.

Machine Learning for Kids

ISTE

This screenshot shows the MixLab website interface. It features a large banner at the top with the MixLab logo and the text "Create Alexa skills in minutes". Below this are three numbered steps: "1 Pick a blueprint", "2 Fill in the blanks", and "3 Use, share, or publish your skill". Under the "Machine Learning for Kids" section, there are two examples: one titled "In 6 seconds..." and another titled "In 20 minutes...". Both examples have a link to "mixlab.org/blueprints/ml_kid". The "In 6 seconds..." example includes a small image of a character named "akinator" and a "QUICK. DRAW!" banner. The "In 20 minutes..." example shows a "Machine Learning for Kids" logo. The bottom right corner of the image contains the ISTE logo.



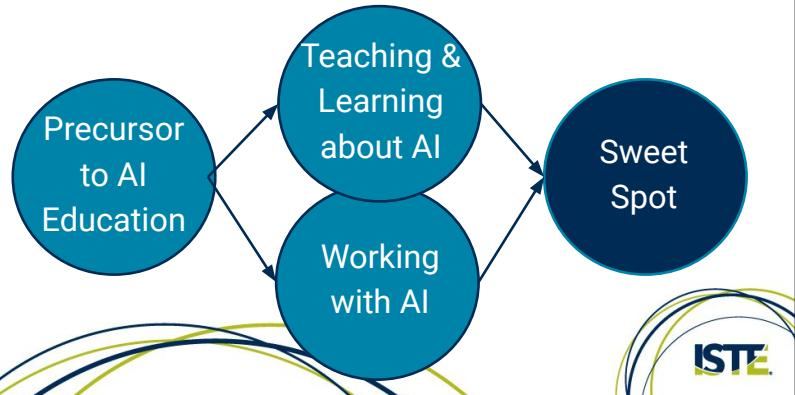
Cozmo Robot: Solving problems with AI

ISTE

This screenshot shows a presentation slide. The title "Cozmo Robot: Solving problems with AI" is displayed in large, dark font. Below the title is a small video thumbnail showing a student sitting at a table with a Cozmo robot. The ISTE logo is in the bottom right corner of the slide.



Learning is not Linear



Professional learning around AI education works. 94% of our participants reported they learned, not just a little, but A LOT about AI through our program. And 98% of participants reported that this learning already had a positive impact on their teaching or coaching practice by the time the course ended.

What's Next?



What's Next?



What's Next?



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