



When Worlds Collide:

The Intersection Between
Thoughtful Pedagogy and AI
in the Classroom

Today's Presenters



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CEO

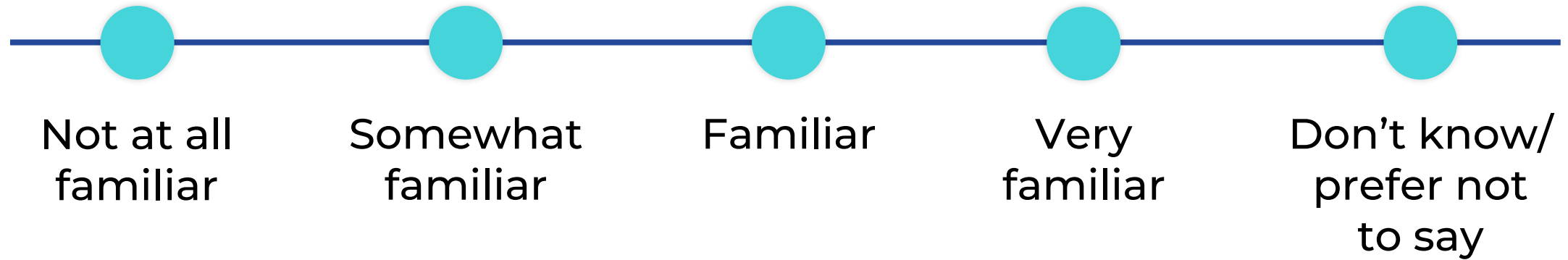
Agenda

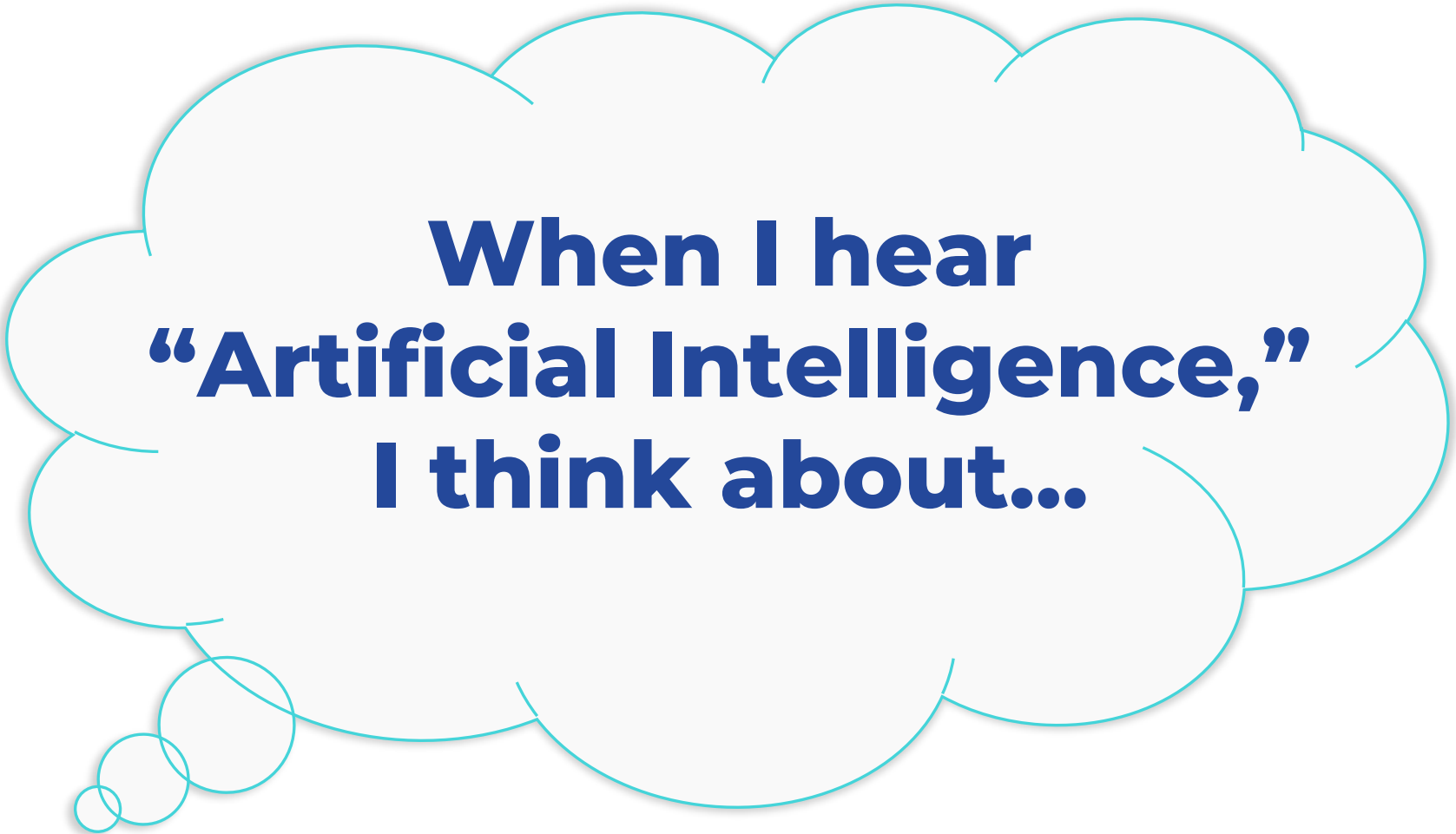
- AI in education
- Instructional AI
- Amplifying WICOR
- Outcomes
- Questions?



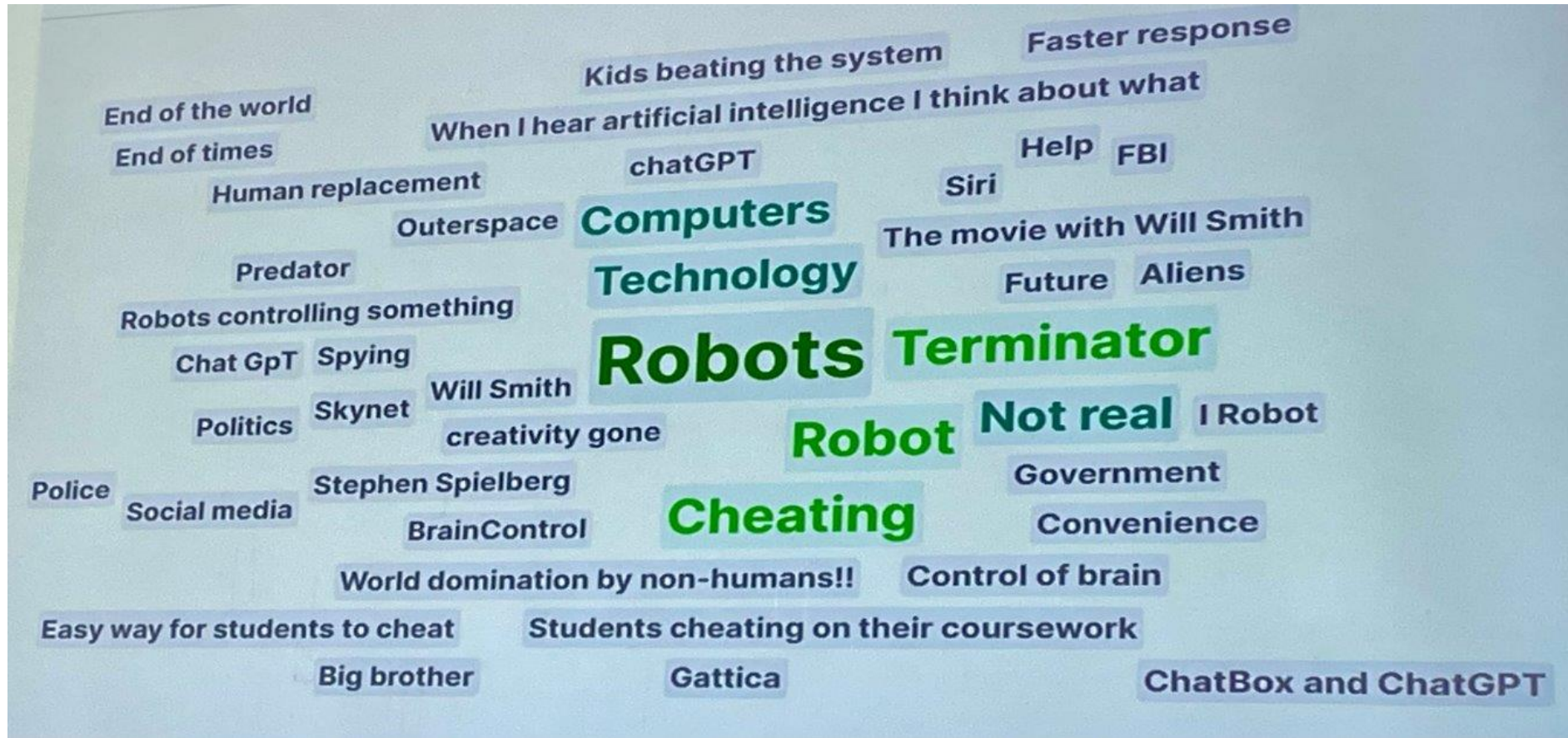
Quick Poll:

How familiar and comfortable are you with Generative AI, like ChatGPT?



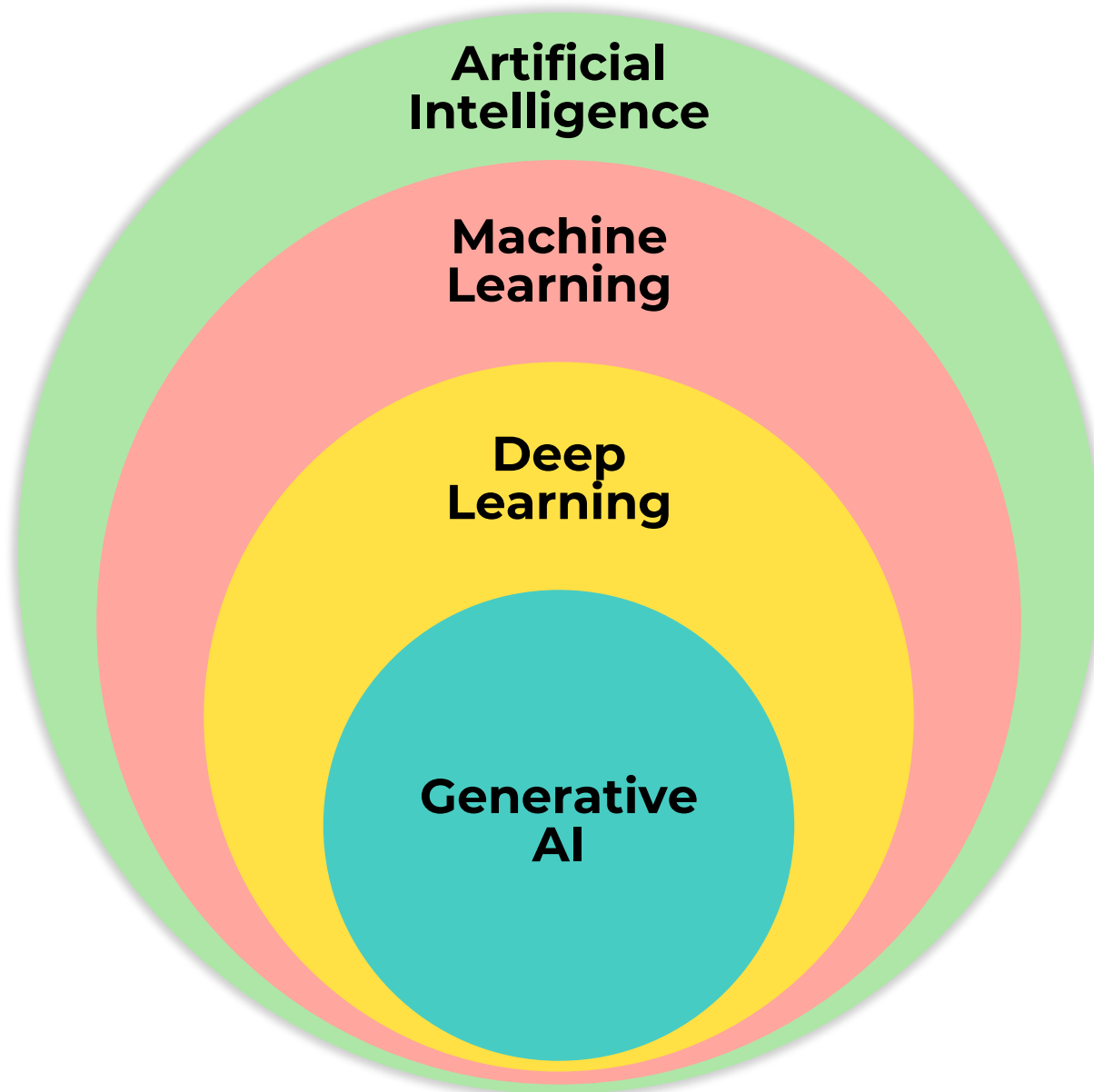


**When I hear
“Artificial Intelligence,”
I think about...**



The background features a series of overlapping, wavy lines in shades of blue and purple, creating a sense of motion and depth against a black background. The lines are most prominent in the lower half of the image, curving upwards and then downwards.

Generative AI in Education



**Artificial
Intelligence**

**Machine
Learning**

**Deep
Learning**

**Generative
AI**

-Pack and prepare for your departure

Keep in mind that this itinerary is just a suggestion, you could adjust it to fit your own needs and preferences. Also, it's important to check the opening times of the sites and plan accordingly.



What's a good YouTube video title about a video explaining how I use ChatGPT both personally and professionally



"Unlocking the Power of ChatGPT: How I Use it for Personal and Professional Gain"



Write a YouTube video script explaining what ChatGPT is



Hello and welcome to my channel! Today I want to talk to you about ChatGPT, a powerful language model developed by OpenAI.

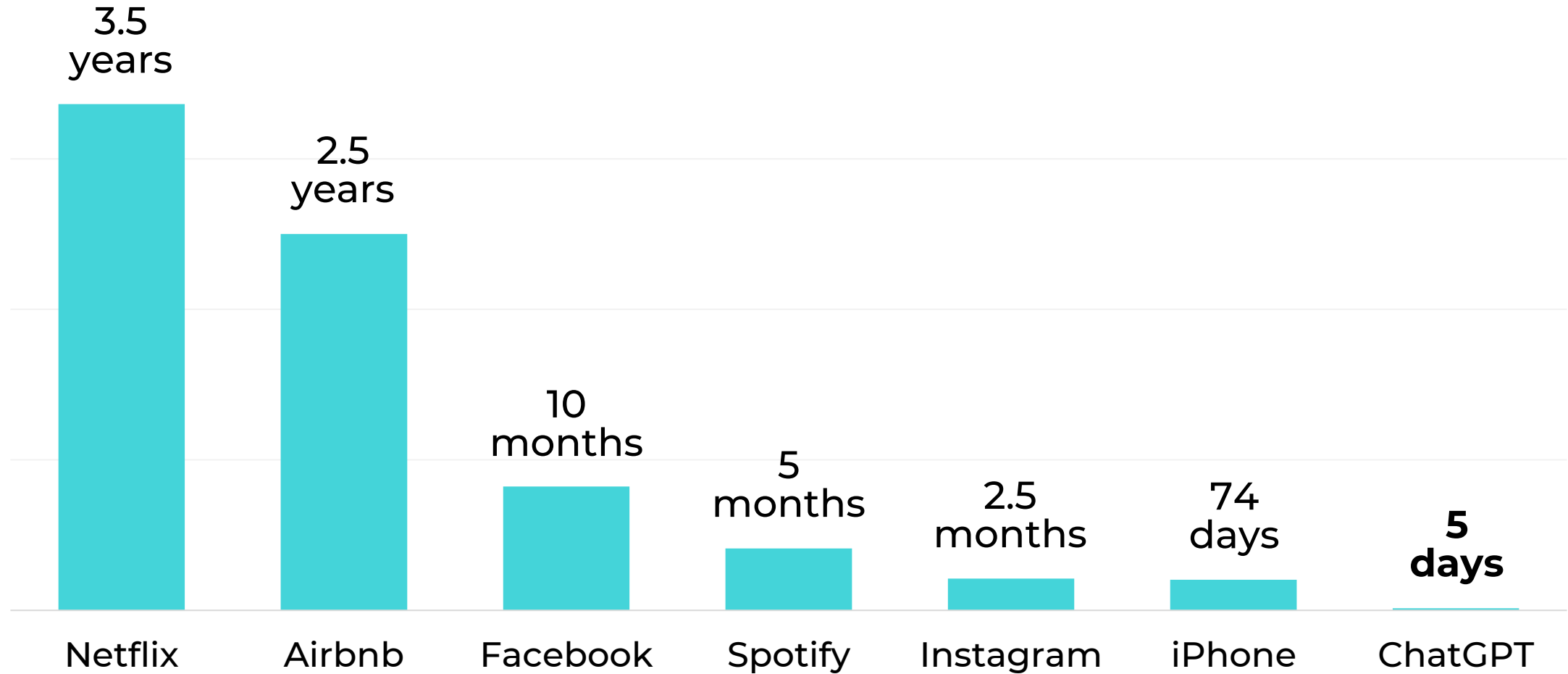
ChatGPT █

Stop generating



..

Time to 1 Million Users





27% of students worried about the impact of AI on their education.



31% of students worried about AI's impact on their career or potential career.



48% of students worried about the impact of AI on society in general.

5% of educators say that they have used ChatGPT to teach class, and **7% of educators** have used the platform to create writing prompts.

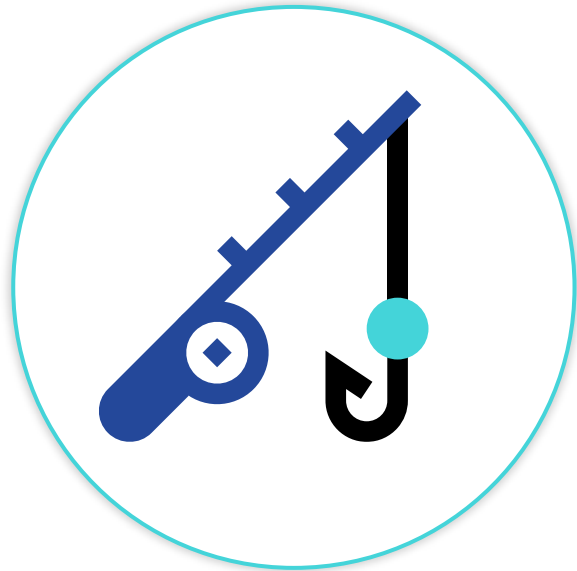
Source: [BestColleges Survey](#) (via Forbes)

The background features a dark blue field with numerous glowing, curved lines in shades of cyan, blue, and magenta. These lines appear to flow from the bottom towards the top, creating a sense of motion and depth. Small, bright particles or sparks are scattered throughout the scene, adding to the futuristic and digital aesthetic.

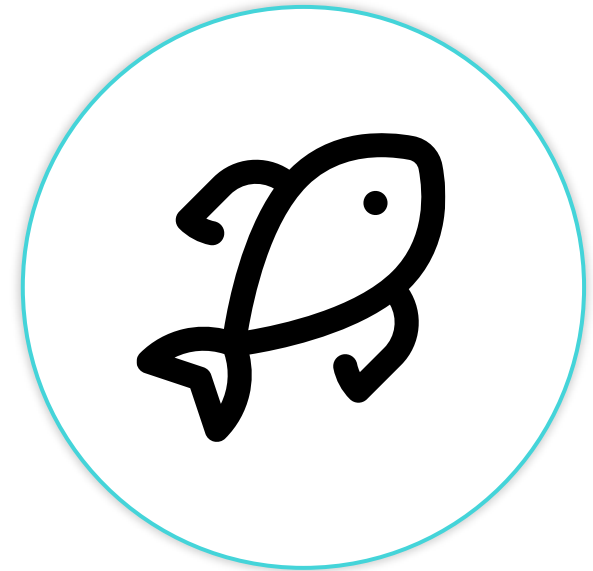
Instructional AI

Instructional AI vs. Generative AI

Purpose: Provide instant, consistent instruction on **how to improve**, reducing the need or want to cheat.



TEACHING TO FISH
VS.
GIVING A FISH



Writing

Inquiry

Collaboration

Organization

Reading



WICOR



Writing can serve as a record of one's thinking or as a learning, public, and personal communication tool.

Writing is:

- A tool for communication, reflection, and learning
- Inquiry
- Visible organization of thought
- Communication with authentic audiences

Students who write:

- Engage frequently, in every content area and classroom
- Cite evidence to support their thinking
- Deepen their understanding of content
- Demonstrate command of academic vocabulary
- Communicate as a content expert
- Communicate their thinking competently and confidently

Helping students become better writers and communicators.

Students get access to a “**Digital Writing Tutor**” that provides feedback tailored to the instructor’s specific rubric.

The image shows a screenshot of a writing assistant interface. The interface has a top navigation bar with tabs for "Pre-write", "Research", "Write", "References", and "Writing Assistant". The "Write" tab is active. Below the navigation bar is a rich text editor with a toolbar containing icons for bold (B), underline (U), italic (I), list, link, code, image, video, and font color. The text in the editor reads: "When I create, I flow. Csikszentmihalyi is a psychology professor at the University of Chicago, who has been studying human enjoyment since 1963. The question he posed himself was simple: What is fun? What makes some experiences enjoyable, and other experiences not? It is a surprisingly deep question, considering all the varieties of fun. Some people enjoy painting, others rock climbing. Some are galvanized by the corporate threads that tie these experiences together. As it turns out, there is indeed a connection above, he discovered a connection in his book, 'Flow: The Psychology of the Evolving Self', pages xii-xiv. The key idea, Csikszentmihalyi explains, is that when a painting was begun, the artist forgot hunger, social obligations, and the passage of time. The artist's fascination lasted only as long as the painting was growing, the artist usually said. When a painting was begun, the artist forgot hunger, social obligations, and the passage of time. The artist's fascination lasted only as long as the painting was growing, the artist usually said."

On the right side of the interface, there is a "Writing Assistant" panel. It has a "Feedback Overview" section and a "Writing Assistant" section. The "Writing Assistant" section has a bar chart and the text: "Tips from the Digital Writing Assistant. Right now, your biggest opportunities to improve are in the categories of 'Wordcount' and 'Research Quality'."

Overlaid on the interface are two notification boxes. The first box is titled "Wordcount" and contains the following text: "Category Value: 5 Points", "1,200 - 2,000 Words Required", and "Current: 1,400 Words". Below this text is a green checkmark icon and the text: "Word count in range! Your draft currently falls within the word count range for this assignment." The second box is titled "Flow & Organization" and contains the following text: "This category is not graded for credit on this assignment." Below this text is a red triangle icon and the text: "Your sentences could flow better. 'Flow' is a way to measure how well one sentence in your writing flows to the next. Sentences should have some connections to prior sentences to help the reader follow. Learn how to improve flow."

WICOR



Inquiry is uncovering one's understanding, asking critical questions, and engaging in thinking, learning, and discussion.

Inquiry is:

- Uncovering one's understanding
- Critical thinking and questioning
- Exploring a variety of ways to solve problems
- Engaging in thinking, learning, and discussion to inspire innovation

Students who inquire:

- Analyze and synthesize materials or ideas
- Clarify their own thinking
- Probe others' thinking
- Work through ambiguity
- Solve authentic problems

WICOR



Collaboration involves teamwork with shared responsibility, positive interdependence, and sharing of ideas, information, and opinions.

Collaboration is:

- Positive group interactions
- Teamwork with shared responsibility
- Sharing of ideas, information, and opinions

Students who collaborate:

- Create a safe and supportive physical and philosophical environment
- Work through identified structures and roles to achieve a common goal
- Develop positive interdependence
- Clearly communicate verbally and nonverbally
- Listen effectively to decipher meaning
- Deepen the learning of others through inquiry and active engagement

[← Back to Community](#)

Edit Question

? What is your question? *

What is Packback's Instant Feedback feature?

44 / 255

✓ Great! Now, add a description to make your question interesting.

Add a Description

B U *I* ☰ ☷ </> 📷 🖼️ 🎬 🔗 *f*_x

Packback's Instant Feedback feature provides real-time feedback through tips that pop up as a user types, responding to the content question or answer as it's being written.

These tips will help you to be sure to:

Phrase your question properly and include a question mark

Add a description to your question

Keep your question title concise for easy reading and clarity

Instant Feedback

Curiosity Score

Predicted Score Range: 31-70 Curiosity Score

▲ This post may be flagged

[Review >](#)

FEEDBACK BREAKDOWN

Curiosity

▲ **Your question appears closed-ended.**

Try rewriting it to allow for discussion and debate, instead of a direct answer.

● **Add a more detailed description.**

Add a more detailed description to spark more engaging discussion.

Credibility

✓ **Great job citing a source!**

Citations help readers gain context and assess a post's credibility.

Communication

WICOR



Organization involves managing materials, time, and thinking through systems and routines.

Organization is:

- Managing materials, time, and self
- Practicing methodical study habits
- Planning and prioritizing school, work, and social tasks
- Engaging in goal-setting, planning, and reflection
- Strategically and intentionally taking responsibility for one's own learning

Students who organize:

- Self-direct, self-evaluate, self-monitor, and self-advocate to reach academic goals
- Develop and use tools to organize thinking, resources, and time
- Develop and use processes, procedures, and tools to study effectively
- Prepare for rigorous courses and engage fully in instruction

Helping students become more effective researchers.

Students get access to the “**Digital Research Assistant**”—an AI assistant that provides feedback on the credibility of sources.

The image shows a screenshot of a writing application interface. The main window is divided into four tabs: Pre-write, Research, Write, and References. The 'Research' tab is active, showing a list of sources. A sidebar on the right, titled 'Research Assistant', displays a list of sources with checkboxes for 'Include in References'. A 'Credibility Check' popup is overlaid on the interface, providing a detailed analysis of a source's credibility.

Research Assistant
Digital Research Assistant Sources (4)

- Website Include in References
- Wikipedia Article
URL: Wikipedia.url/cowinrwierwperwperwperwperwperwperwperw...
Credibility Check Potentially Credible See Why >
- Website Include in References
- Figma Help Center: Article

Credibility Check

Potentially Credible Source

Website: Websites can range dramatically in their credibility, from being highly credible (like journal articles or government sites) to very unreliable.

More details on this source:

- This type of source may be credible, but always be carefully reviewed before being used.
- This source is from a trusted domain
- This source is one of the top cited on Packback
- This source avoids heavily biased language

[Learn more verifying source credibility](#)

WICOR



Through **Reading**, students strategically gain meaning, understanding, and knowledge from print and other media.

Reading is:

- Making connections between texts, self, and the world
- Navigating and comprehending rigorous texts
- Evaluating information from a variety of formats
- Organizing and applying text-based learning

Students who read:

- Activate, engage, and extend beyond the text
- Make predictions and create visual images as they read
- Understand text structures
- Question the text and engage in deep inquiry
- Become content experts
- Evaluate sources for accuracy and bias

Enabling teachers to focus on their feedback on the content!

Packback's "AI Grading Assistant" allows teachers to customize rubrics and **suggests scores** for non-content & ideas rubric category.

Teachers focus their time on content & ideas, not mechanics.

The screenshot displays the 'Deep Dive Submission' interface. On the left, a student submission is shown with the title 'Music as a means of getting into flow...and improving education.' by Jessica Tenuta. The submission text discusses Csikszentmihalyi's concept of flow and its application to education. On the right, the 'Assessment Assistant' panel shows an 'Instructor Assessment' for 'Requirements' with a total score of 19 / 25 points. A detailed view of this assessment is overlaid in the foreground, showing a table of criteria and scores.

Criteria	Instructor Score	Packback Suggestion
Word Count & Depth	5 / 5 pts.	5 out of 5 See Why >
Grammar & Mechanics	3 / 5 pts.	3 out of 5 See Why >
Flow & Structure	5 / 5 pts.	5 out of 5 See Why >
Research Quality	5 / 5 pts.	5 out of 5 See Why >
Formatting	1 / 5 pts.	1 out of 5 See Why >

Below the table, the 'Ideas and Content' category is shown with an 'Instructor Score' input field and a total score of / 75 points.

WICOR

Writing

- Focused Note-Taking
- Learning Logs
- Quickwrites and Reflections
- Process Writing
- Peer Evaluation
- Authentic Writing

Inquiry

- Costa's Levels of Thinking
- Socratic Seminars
- Tutorials
- Collaborative Study Groups
- Guiding Questions

Collaboration

- Socratic Seminars
- Philosophical Chairs
- Tutorials
- Group Activities and Projects
- Building Relational Capacity

Organization

- Binders and eBinders
- Calendars, Planners, and Agendas
- Focused Note-Taking
- Tutorials
- SMART Goals

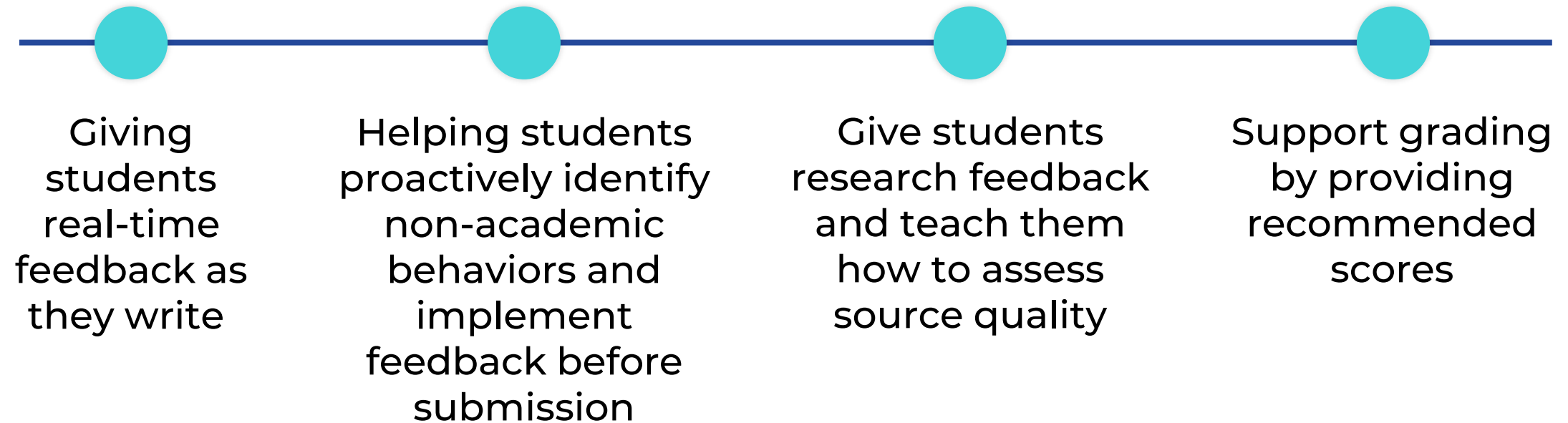
Reading

- Critical Reading Process
- Focused Note-Taking
- Graphic Organizers
- Vocabulary Building
- Academic Language and Literacy Scaffolds



Quick Poll

After thinking about the WICOR framework, in which area are you excited to use instructional AI to amplify instruction and learning in the classroom?



Outcomes of Instructional AI

32% More A's and 32% Fewer F's

When compared to students using traditional discussion boards, students using Instructional AI were shown to receive significantly better grades.

30% Less Time Spent Grading

Instructors using Instructional AI in their classrooms spend up to 30% less time grading assignments and note that they're able to grade more thoroughly.

89% of Instructors Saw Improvement

According to a research study, 89% of instructors agree that they saw improvement in the quality of their students' writing after using Instructional AI.

88% of Students Found Instructional AI Helpful

According to that same research study, 88% of students reported that the Instructional AI writing assistant helped improve their writing.



Generative AI Use Cases in Education

Quick Poll

Have you used Generative AI for **Personal Purposes?**
Professional Purposes?

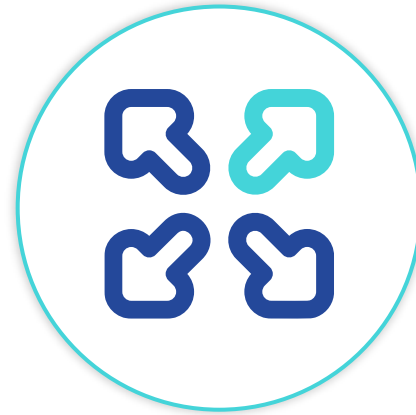
How Educators Can Use Generative AI



Brainstorming
learning
activities



Assessment
design



Differentiation
techniques



Troubleshooting
challenges

Prompt Example

Act as a curriculum designer with a focus on special education and instructional strategies.

Your job is to help instructors develop strategies to differentiate lessons and accommodate diverse learning styles and abilities and provide recommendations on how the assignment or lesson can be improved. Evaluate my lesson below based on best practices for accommodating all learning styles. Please keep in mind the four learning style modalities.

Grade Level: [INSERT GRADE LEVEL]

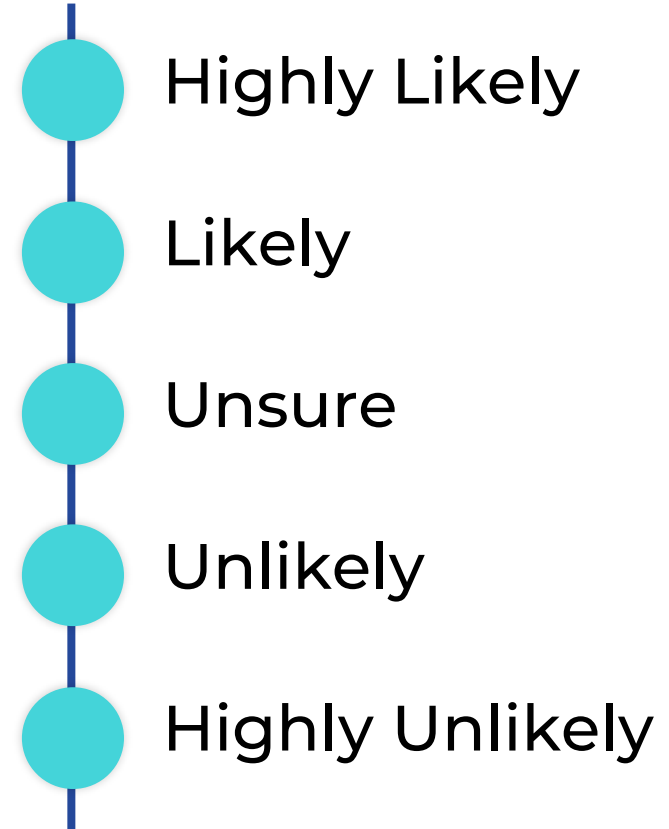
Course: [INSERT COURSE]

Learning Objectives: [INSERT OBJECTIVES]

[PROVIDE ANY OTHER CONTEXT OR GUIDANCE]

Quick Poll:

- Now that you've seen some use cases, how likely are you to incorporate **Instructional AI** into your workflow to support your professional goals in the future?
- How likely are you to begin experimenting with **Generative AI** to assist you in the classroom (lesson planning, assessment creation, etc.)?



Student Voice





Reflection Activity

Quick Write

(Optional: Share in Chat!)

Record one takeaway from today's webinar.

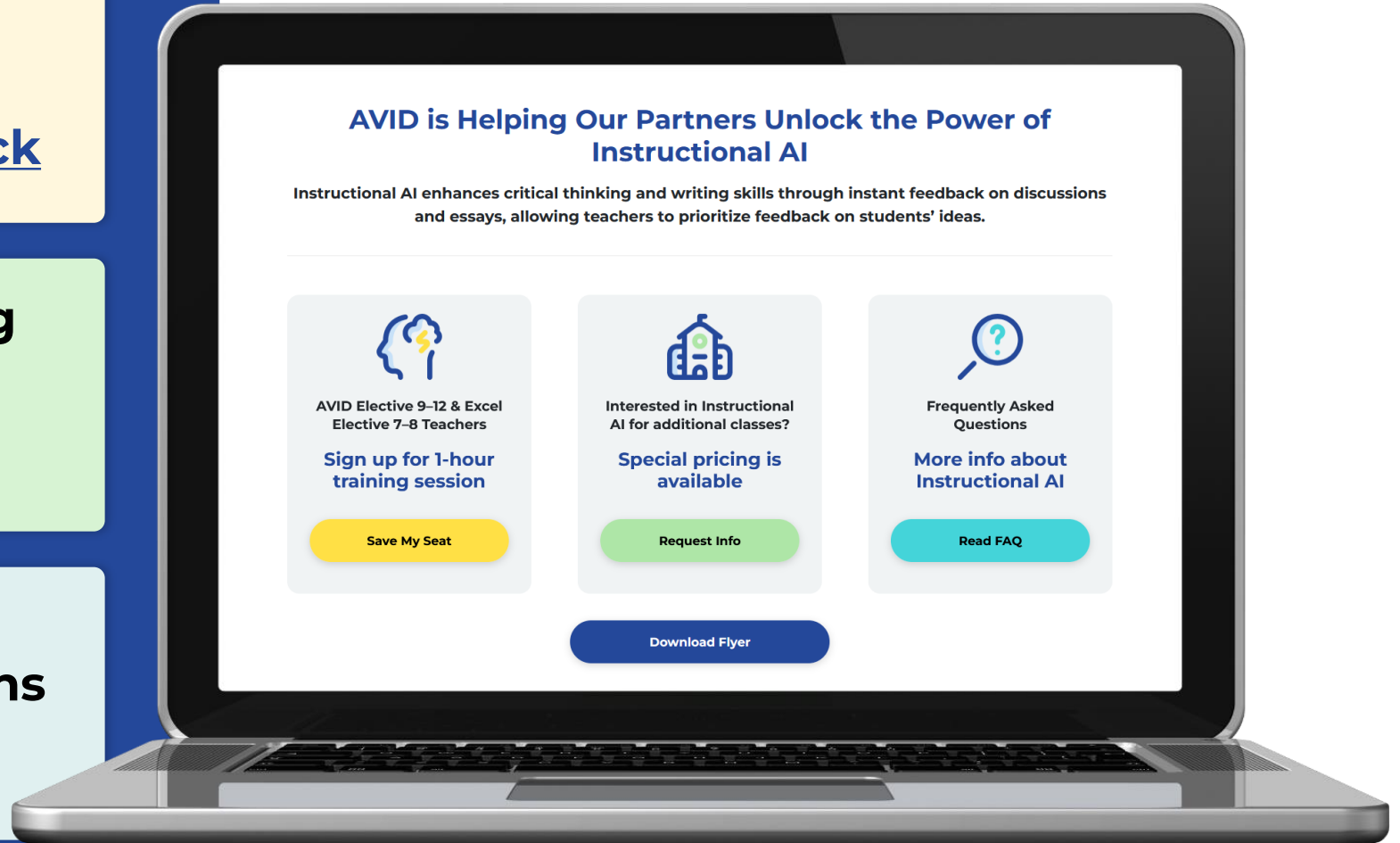


What You'll Find:

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1-hour training session
packback.co/avid-packback

Get info on special pricing
for additional classes
lead.me/ai-pricing

Review Instructional AI
Frequently Asked Questions
lead.me/ai-questions



AVID.org/ai



What's Next?

Please join us in **December** for the next webinar in our Instructional AI series.

More info coming soon!

Thank You!

