

# AI FOR SCHOOL LEADERSHIP :

EMPOWERING TRANSFORMATIVE,  
ETHICAL AND PRACTICAL CHANGE



The Alberta  
Teachers' Association

# AI CONCERNS

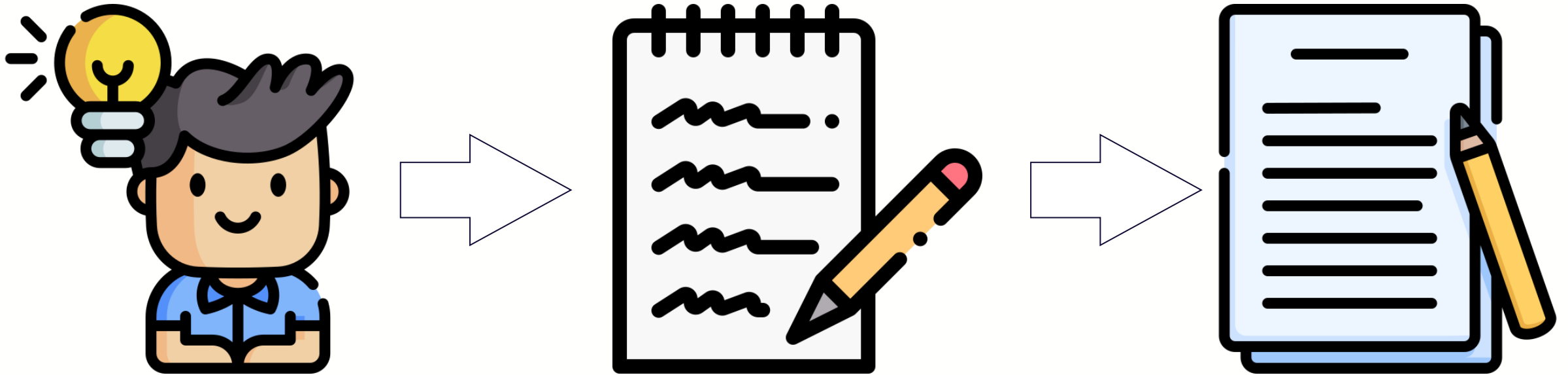
- ✦ Academic integrity, cheating
- ✦ Data privacy concerns
- ✦ Inaccurate or unreliable outputs
- ✦ Biased AI information
- ✦ Equitable access to AI
- ✦ Lack of technical proficiency
- ✦ Impersonating people in images, audio or video
- ✦ Over-reliance on AI tools and platforms
- ✦ Reduction in creativity and critical thinking
- ✦ Resources used for AI (power, workers, etc)
- ✦ Negative impact on human interactions



# AI DETECTOR



# MONITORING THE PROCESS



# SHARE EXPECTATIONS

“AI TRUST YOU”.

- ✦ Choose tools
- ✦ Choose uses
- ✦ Generate rules to copy and use



# Process Feedback for Google Docs

Pulls data from Version History to create a detailed report on the writing process.



## Explore AI Usage, Copy-paste, and Typing Time

The extension shows copy-paste events, typing time, and many other details. This allows us to explore the working process and reflect on it



Total Typing Time:  
**9 minutes**



Total Task Duration:  
**27 minutes**



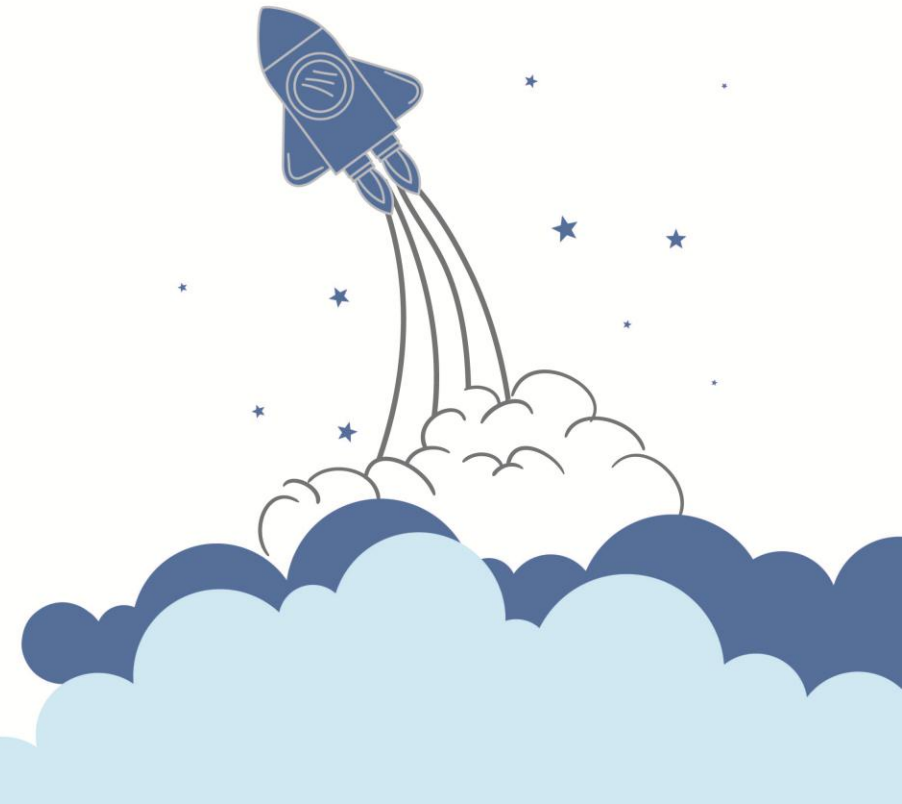
**Total Paste Actions: 2 times.**  
1. At 4:32 PM, 800 characters  
2. At 4:35 PM, 300 characters



Process Feedback neither supports nor opposes students using AI. What matters is the student's working process, regardless of whether they use AI. As a technology, it can help explore and understand a student's working process.

# BEST PRACTICES

- ✦ Human oversight
- ✦ Create AI resistant assignments
- ✦ Foster critical thinking
- ✦ Enhance don't replace
- ✦ Start small and scale thoughtfully



# IMPROVED PROMPT

Add to a prompt when asking for information:

Before you respond, follow these rules strictly:

- 1) If you are not completely certain about a factual claim, you must state "I am uncertain about this" before that claim. Be honest about your confidence levels.
- 2) For each claim, specify the type of source the information comes from (e.g., research study, theoretical framework, common practice).
- 3) After each claim, add a confidence score in the format: [Confidence: High/Medium/Low].
- 4) Think step-by-step: What evidence supports the claim, and what evidence might contradict or limit it?
- 5) Provide ranges rather than specific numbers unless you are completely certain.

# FOLLOW UP QUESTIONS

- ✦ Are there other opinions on this subject?
- ✦ What are the counterarguments to this view?
- ✦ What biases might be in your response?
- ✦ What are the limitations of your knowledge on this topic?
- ✦ How confident are you in the accuracy of this response?
- ✦ Can you provide references to support this?



# VERIFY INFORMATION

# S

# I

# F

# T



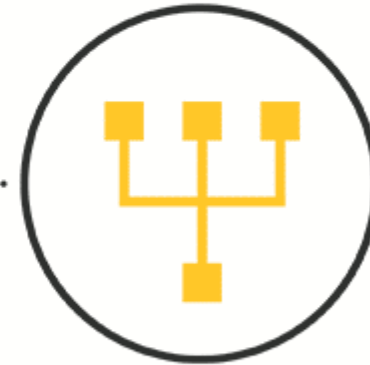
Stop



Investigate  
the source



Find better  
coverage



Trace claims,  
quotes and media to  
the original context

# **WHAT NOT TO SHARE**

- ✦ Personally identifiable information
- ✦ Educational records
- ✦ Health information
- ✦ Financial information
- ✦ Behavioral or disciplinary records
- ✦ Photos or videos
- ✦ Communication logs



# HOW YOU CAN SHARE

- ✦ Anonymizing data:
  - Remove all personally identifiable information
  - Generalize the information
  - Use hypothetical scenarios
  - Be aware of tool privacy and safety



# Privacy and Safety Checks

<http://bit.ly/aiprivacysafety>

For the NEW and updated version of the the AI Privacy and Safety Checks, please visit:  
[jamed.tech/aiprivacysafety](http://jamed.tech/aiprivacysafety)

 [Usage Breakdown by Grade Level](#) 

 [Environmental Impact Rating \(EIR\)](#) 

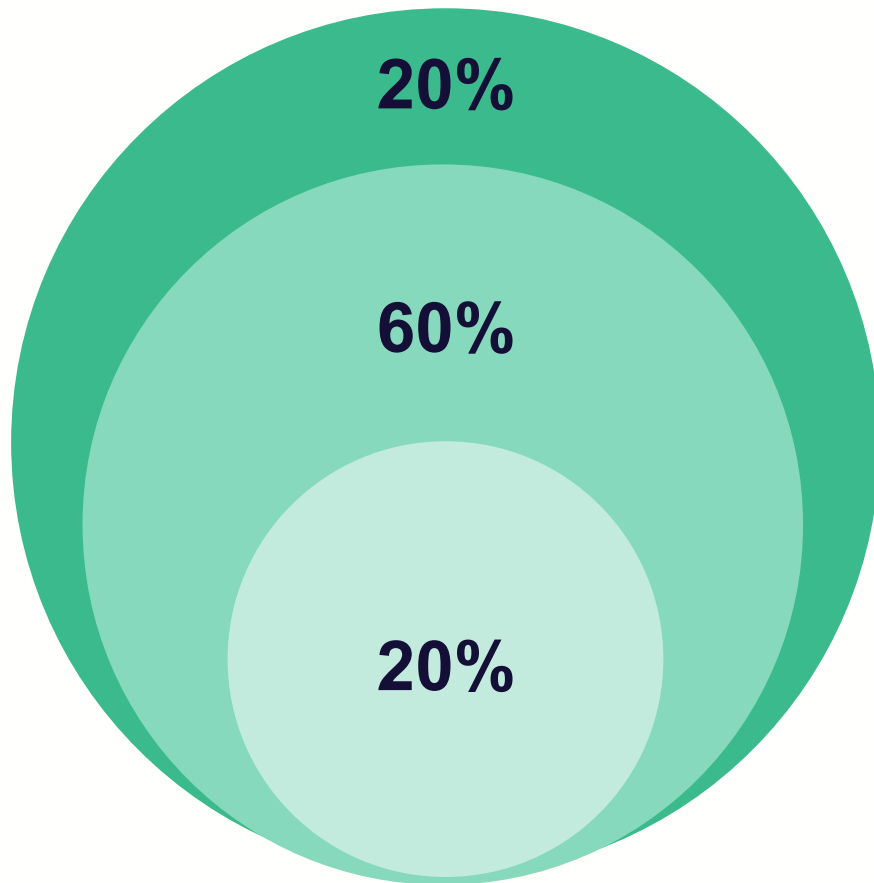
Last Updated: 11/13/25

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To view a copy of this license, visit <https://creativecommons.org/licenses/by-nc-nd/4.0/>

Teaching Aides	Learning Aides	General AI Tools	Creative Aides	AI Assistants (LLMs)	Productivity Aides	Miscellaneous Tools
<a href="#">Alayna AI</a>	<a href="#">AI for Busy Readers</a>	Audio Open	<a href="#">Adobe Firefly</a>	<a href="#">Chat GPT</a>	Attention	<a href="#">Learning Roadmaps</a>
<a href="#">Almanack</a>	AnswersAI	Civitai	<a href="#">Aiva AI</a>	<a href="#">Claude</a>	AudioRead	
Auto Classmate	Book AI	Eleven Labs	AnimateAI	<a href="#">Code Breaker Byte</a>	Copy.ai	
<a href="#">Brain Freeze</a>	<a href="#">Brainly</a>	Fobizz	Arti	<a href="#">Copilot</a>	<a href="#">DeepL</a>	
BrightBytes AI	Chat PDF	<a href="#">Hugging Face</a>	AutoDraw AI	<a href="#">DeepSeek</a>	Eightify	
<a href="#">Brisk Teaching</a>	DreamBox AI	Max AI	<a href="#">Canva for Education</a>	<a href="#">Gemini</a>	Elicit	
Chalkie AI	Duck AI	Speechify	Consistent Character AI	<a href="#">Gemini Workspace</a>	Evernote AI	
<a href="#">Character AI</a>	Duolingo	<a href="#">Textreader.ai</a>	<a href="#">Craiyon</a>	<a href="#">Grok</a>	Fathom AI	
<a href="#">Class Companion</a>	<a href="#">Flexi</a>	Turn It In	D-ID	<a href="#">Latimer AI</a>	Fireflies.ai	
ClassCharts AI	Flint K12	Wysa	DALL-E	<a href="#">Meta AI</a>	Google Recorder	
ClassDojo AI	<a href="#">Gauth</a>		Deep AI	<a href="#">Notebook LM</a>	<a href="#">ILA</a>	
Colleague AI	<a href="#">Goblin.tools</a>		Dream Studio	<a href="#">Perplexity</a>	Julius	
Conker	Google Earth AI		FastRead	<a href="#">Pi</a>	<a href="#">Krisp AI</a>	
<a href="#">Curipod</a>	Gradescope		<a href="#">Hailuo</a>	<a href="#">Poe &amp; Ludia</a>	<a href="#">Mentallyc</a>	
<a href="#">Diffit</a>	<a href="#">Grammarly</a>		<a href="#">Hedra</a>	<a href="#">Snapchat AI</a>	Motion AI	
<a href="#">Draftback</a>	<a href="#">Hello History</a>		<a href="#">Hey Gen</a>		Movix AI	
Easy Mark	Immersive Reader		<a href="#">Ideogram</a>		Notion AI	
Edcafe	IXL Spark Studio		InVideo		Otter AI	

# GUIDED COLLABORATION MODEL

## 20-60-20



### **Outer circle – 20%**

Human creativity and intentional input – guide

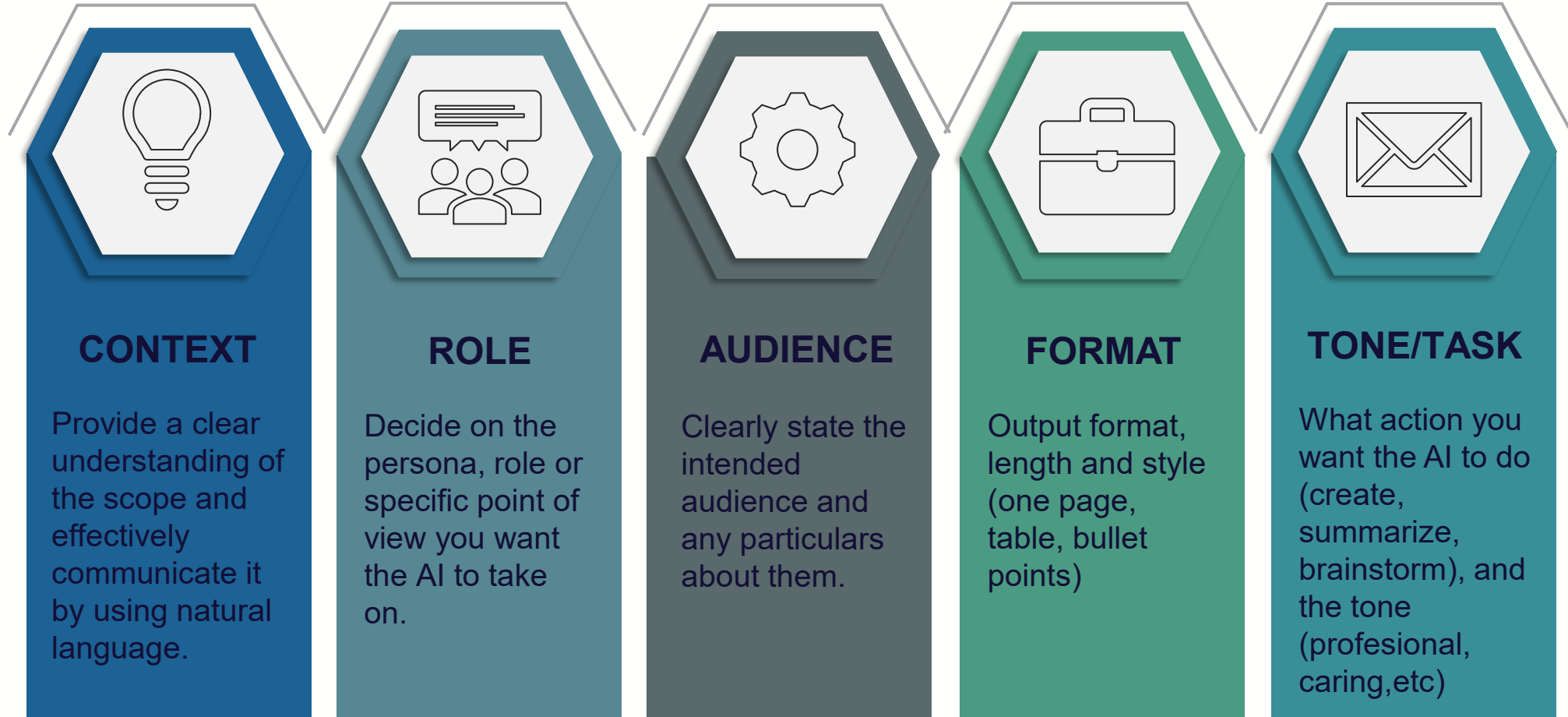
### **Middle circle – 60%**

AI as the workhorse – heavy lifting

### **Inner circle – 20%**

Human oversight and refinement – editor and ethical guide

# CRAFT YOUR RESPONSE



# OVERVIEW OF AI

## Generative AI Example

### Email message:

#### Prompt:

You are the principal of an elementary school. Write a three paragraph email to a parent who is upset and accusing the school of not following the 5th grade child's ISP and is threatening to contact the superintendent. Be professional but supportive, emphasizing the school's desire to support the parent and the student, and to work to resolve the situation.

# MagicSchool AI

 [magicschool.ai](https://magicschool.ai)

- ✦ Over 80 resource types and learning objects generate including:
  - Planning
  - Content
  - Questions
  - Intellectual prep
  - Student support
  - Communication
  - Community tools
  - Newsletters

 MAGIC  
SCHOOL





### Instant Full-Unit Creation

Complete units in minutes: lesson plans, assessments, scaffolds, and IEP supports, personalized to your classroom.



### AI Tutor for Every Student

Real-time, personalized support for students during group work and independent tasks, without extra teacher effort.



### Hyper-Localized Content

Units built around your region's standards, community, languages, and local context — not generic templates.



### Flexible, Modular Design

Customize any unit, mix lesson styles, or enhance your own materials with AI. Total control over your teaching vision.



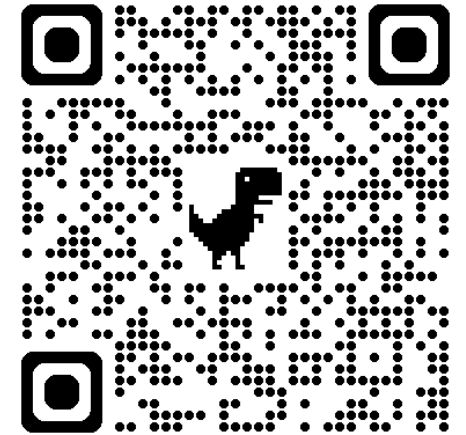
### Interactive Classrooms

Real-time polls, tasks, and prompts that keep students engaged during live lessons, whether in-person or online.



### Consistent Instruction at Scale

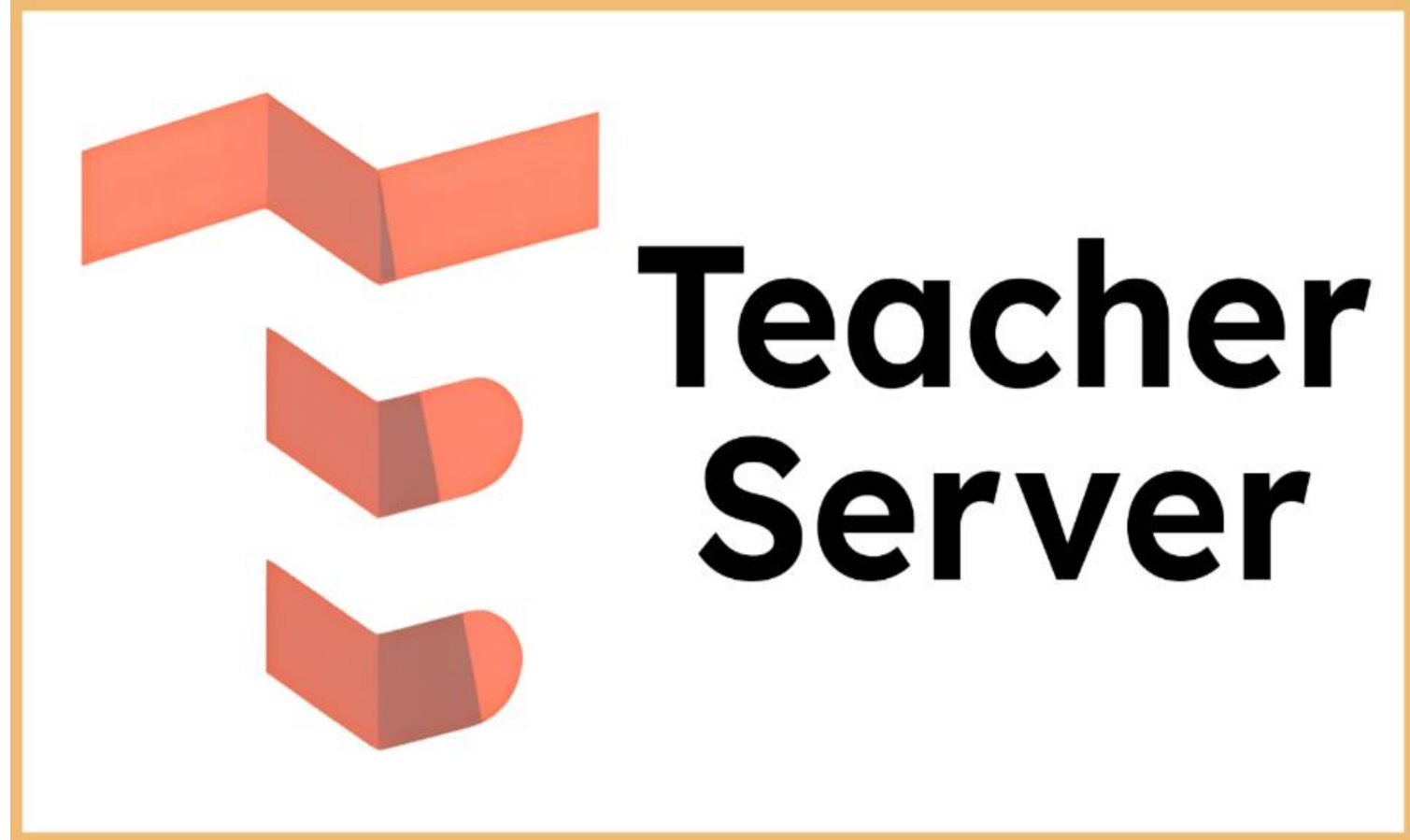
High-quality teaching across every classroom, even with substitutes or new staff. No drop in quality, ever.



# **TEACHER SERVER**

 [teacherserver.com](https://teacherserver.com)

- ✦ 1,000+ prompt tools for science, social studies, math, reading, writing, art, music, PE, special ed, leadership and more.
- ✦ Absolutely free – no ads, no fees, just tools to help you teach.
- ✦ Full privacy and security – all data is processed locally and never stored or shared.

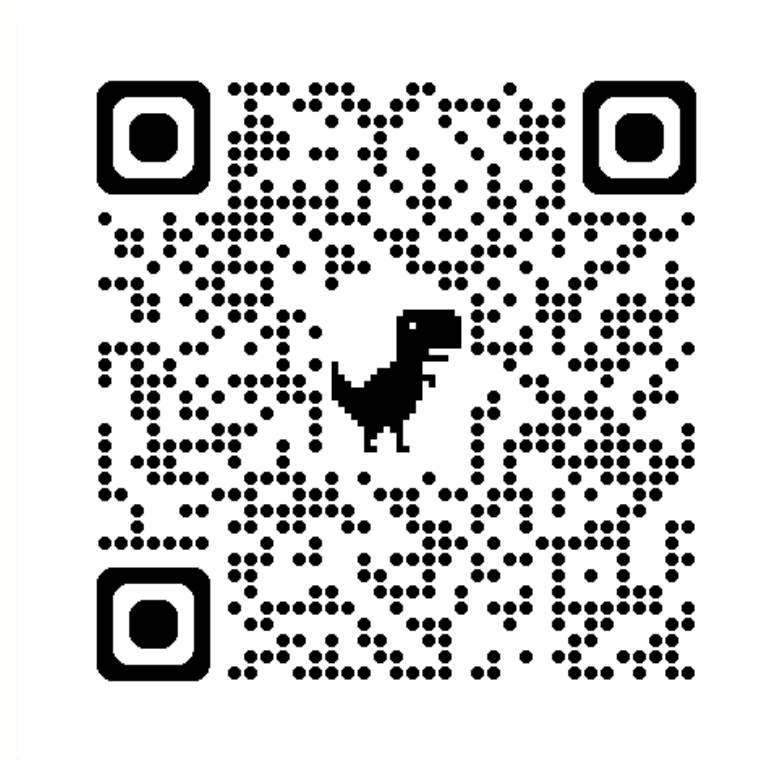




# BRISK TEACHING

## Website - Extension link

- ✦ AI-powered Chrome extension to:
  - Create a resource, exemplar, quiz, lesson plan, slideshow, etc.
  - Change reading level and language of articles and documents
  - Write recommendation letters
  - Observation notes



\* Check out Brisk Bites on YouTube for lots of short (less than 5 minute) video tutorials

# GOBLIN TOOLS

 [goblin.tools](https://goblin.tools)

Magic ToDo

Formalizer

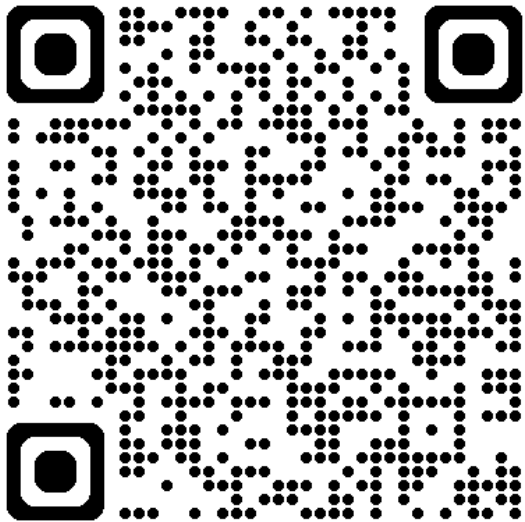
Judge

Professor

Estimator

Compiler

Chef

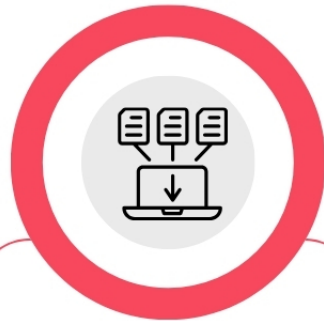


- ✦ Check the tone of a message
- ✦ Change the tone of a message
- ✦ Spice it up or down !



# NOTEBOOK LM

## NotebookLM Core Functionalities



### Source Fundamentals

- Multi-format Source Support
- 100+ Languages
- Source Capacity
- Privacy & Security



### Chat Capabilities

- Conversational Chat
- Cross-Referencing
- Citation and Grounding
- Pattern Recognition and Insights
- Customisable Conversational Style (Pro only)



### Studio Features

- Audio Overview/Podcast
- Mind Maps
- Manual Note-Taking
- Other Resource Generation
- Saved Notes Panel
- Video Overview



### Collaboration Features

- Notebook Sharing
- Chat-Only Access
- User Analytics

# Canva



- ✦ Free educator premium accounts
- ✦ Revise and customize existing templates
- ✦ Create new images, videos, presentations, etc

# SUNO



- ✦ Generative AI music creation program
- ✦ Creates realistic songs combining vocals and instrumentation or purely instrumental tracks
- ✦ Produces songs based on text prompts

# HeyGen

Create and translate videos  
with HeyGen's AI Video Generator

Produce studio-quality videos in 175 languages without a camera or crew.

# AI Image Generators



 ideogram



 Copilot  
Your everyday AI companion

<p>photograph oil painting sculpture drawing sketch watercolor clay crayon 3D render collage</p>	<p>realistic abstract claymation cartoon pixelated child's drawing film noir simple extravagant pop art</p>	<p>close-up wide shot dutch angle bird's eye view worm's eye view vignette shallow depth of field fisheye lens symmetrical soft focus</p>	<p>monochromatic colorful teal and gray vibrant neon earth tones cool tones warm tones sunset colors black and white</p>	<p>dramatic soft candlelight silhouette bright dim shadows no shadows light streaks studio</p>	<p>a person an object a place a machine an animal clothing a scene food a book a sign</p>
<b>MEDIUM</b>	<b>STYLE</b>	<b>PERSPECTIVE</b>	<b>COLOR</b>	<b>LIGHTING</b>	<b>SUBJECT</b>

# A.I. Image Prompting

## *Elaboration Ideas*

Learning in Hand with TONY VINCENT

<b>POSE</b>	<b>FACIAL EXPRESSION</b>	<b>BACKGROUND</b>	<b>TIME/ERA</b>	<b>TEXT</b>	<b>MOOD</b>
<p>standing sitting kneeling running arms crossed thinking pointing looking up reading hugging</p>	<p>smiling frowning curious winking laughing yawning daydreaming grimacing surprised determined</p>	<p>forest abstract solid color underwater foggy snowy sunset beach classroom park</p>	<p>medieval modern futuristic fantasy prehistoric 1920s 1980s cyberpunk Victorian Renaissance</p>	<p>stylish cursive modern blocky pixelated flashy graffiti speech bubbles angled 3D</p>	<p>peaceful eerie joyful hopeful dreamlike mysterious angry playful serene triumphant</p>

# EDUCATE STUDENTS ABOUT AI

Have discussions about:

- ✦ Positive uses of AI
- ✦ Academic integrity, plagiarism, cheating
- ✦ Data privacy concerns
- ✦ Inaccurate or unreliable AI information
- ✦ Biased AI information



# EDUCATE AND PROVIDE PD FOR STAFF

Have discussions about:

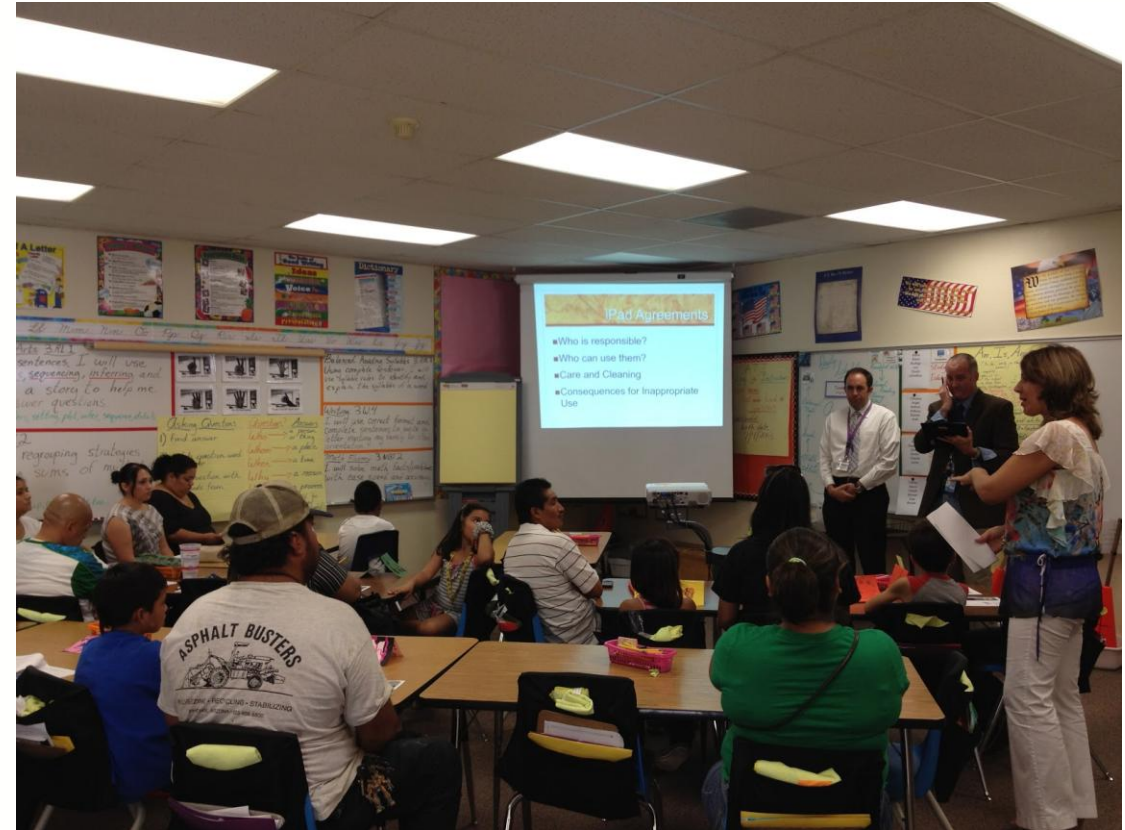
- ✦ Policy
- ✦ Professional use
- ✦ Data privacy concerns
- ✦ Inaccurate or unreliable AI information
- ✦ Biased AI information



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# ENGAGE PARENTS AND GUARDIANS

- ✦ Current AI tools and how they can be used
- ✦ Guidelines and policies
- ✦ How to create a supportive network that reinforces responsible behaviour



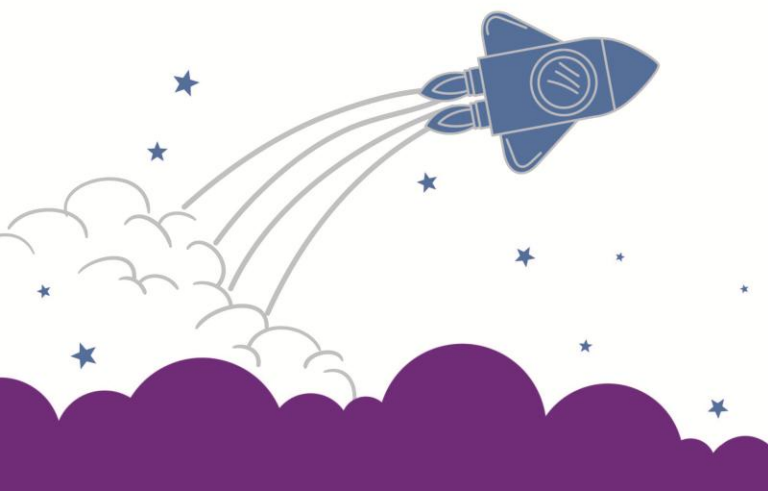
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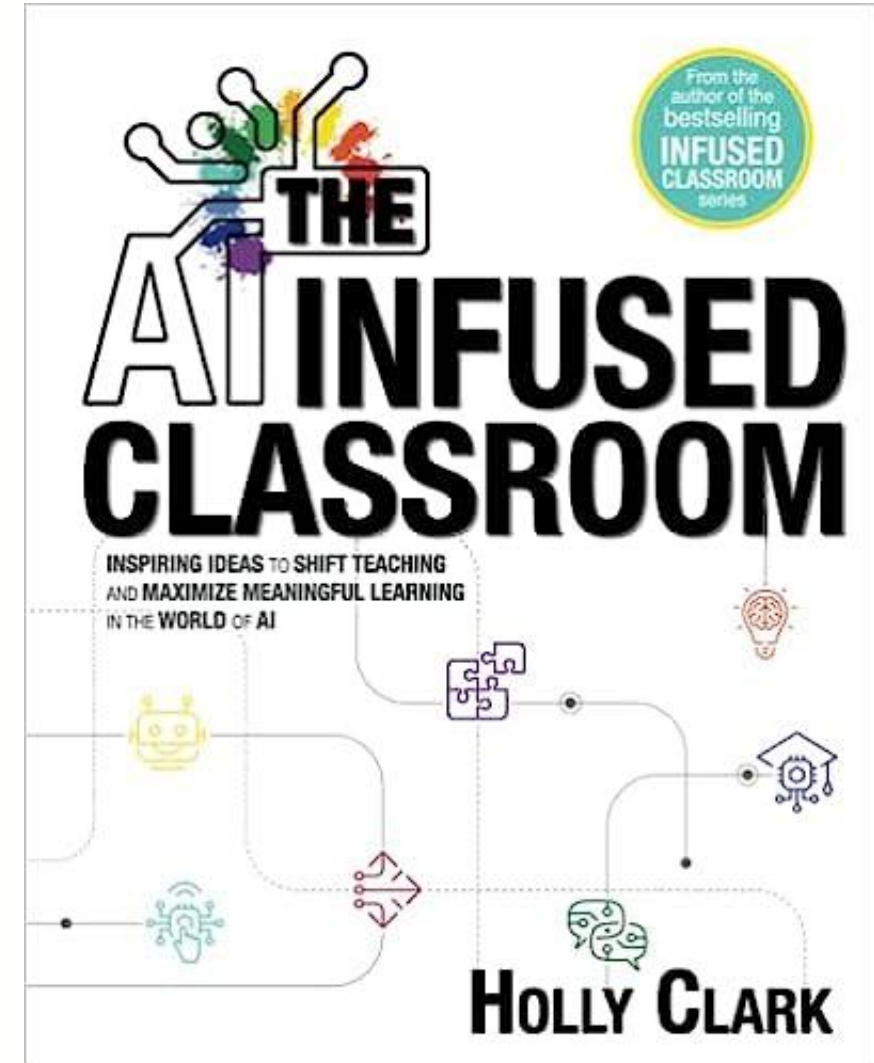
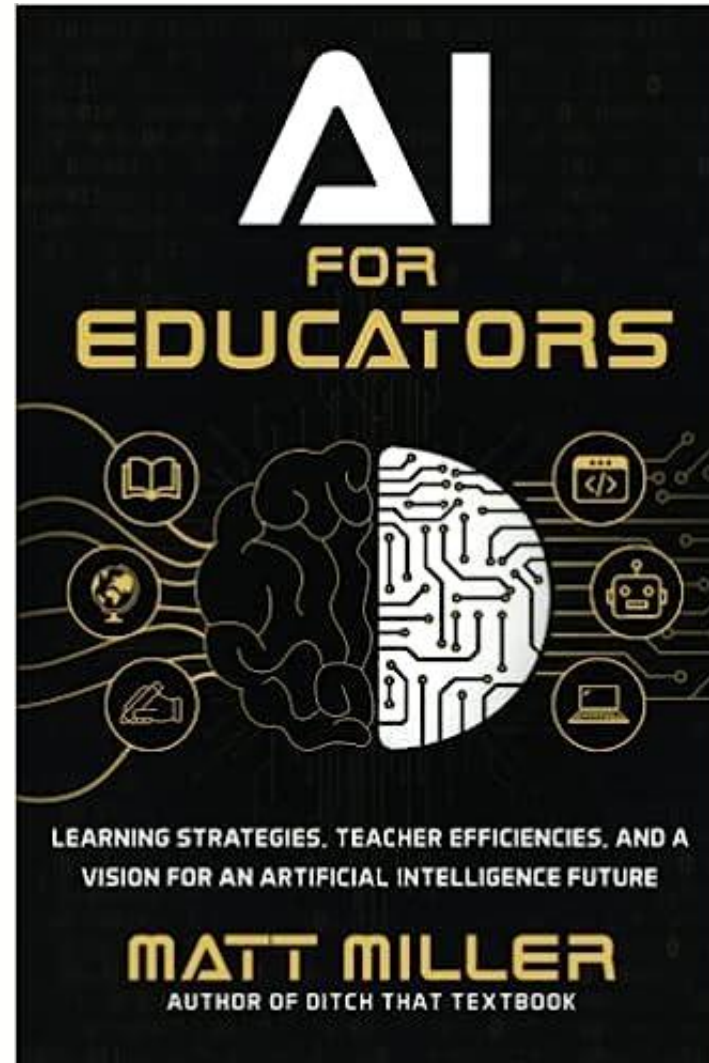
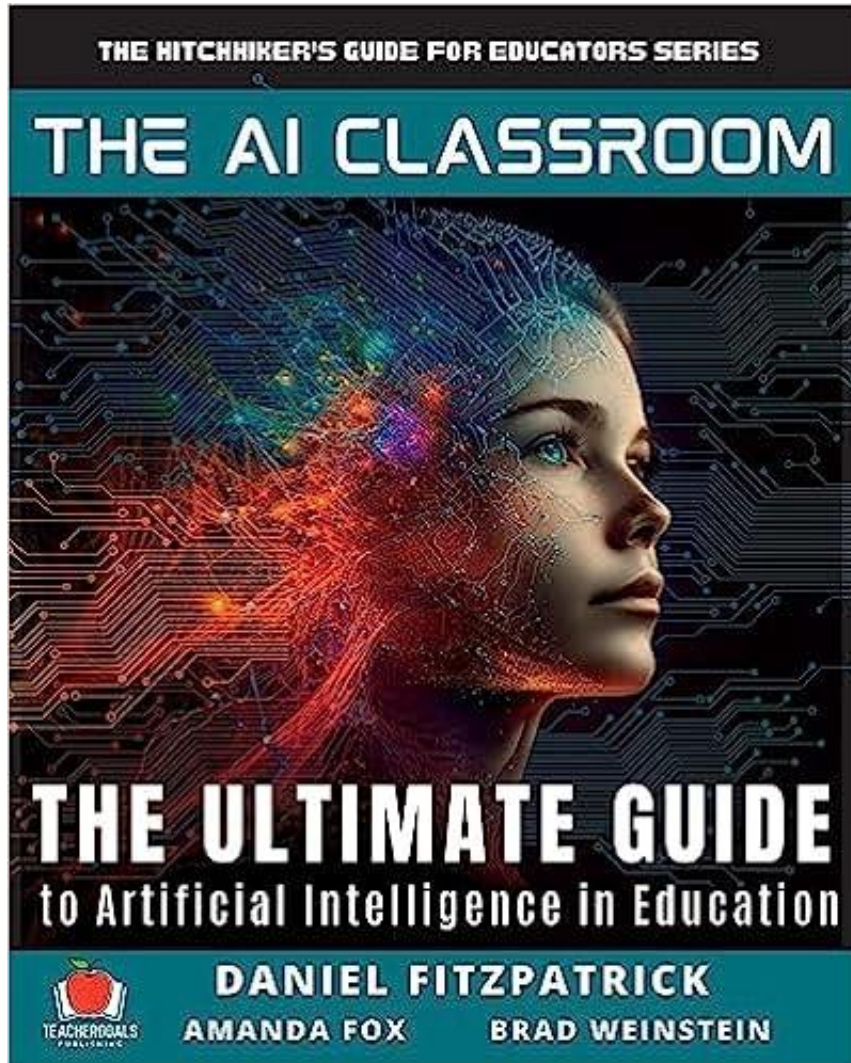
# ATA WAKELET

- ✦ Curated resources
- ✦ Quick tutorials on a variety of AI tools
- ✦ Updated regularly



<https://abteach.cc/ata-ai-amplify>





# CONTINUING YOUR AI LEADERSHIP JOURNEY



## Access resources

- ✦ ATA Library
- ✦ Matt Miller
- ✦ Dan Fitzpatrick



## ETCATA

- ✦ Join the specialist council
- ✦ Attend events
- ✦ Meet more like-minded school leaders



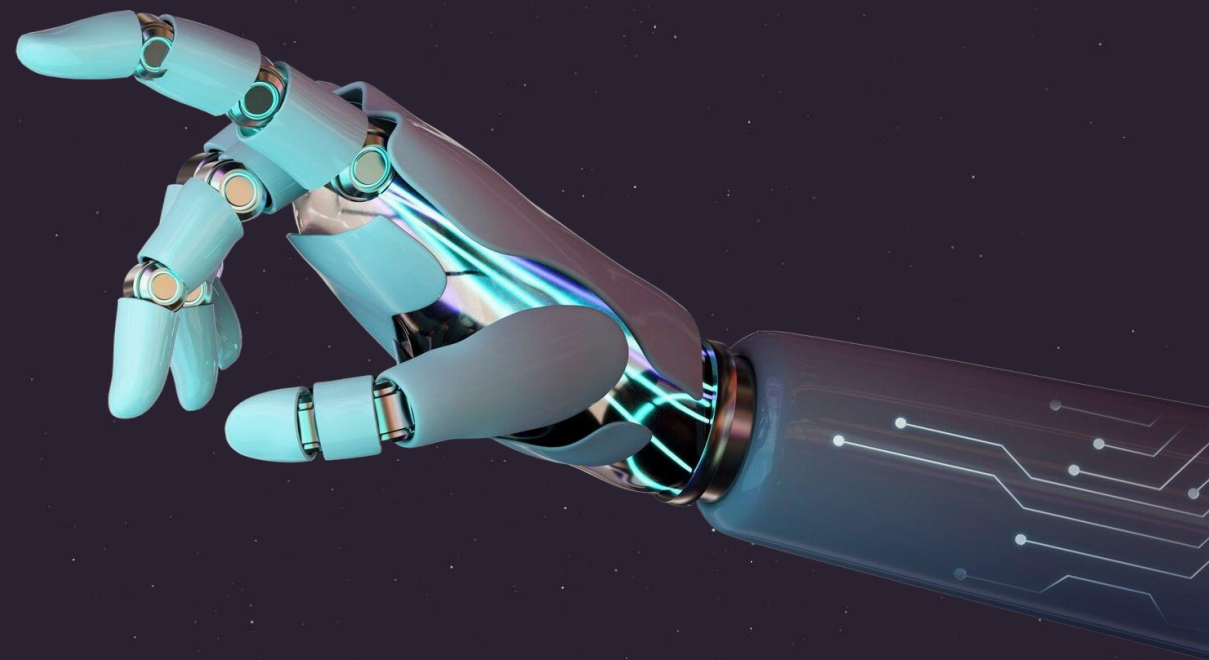
## Continue learning

- ✦ ATA sessions
- ✦ Attend conferences
- ✦ Access free online resources and sessions

# THANK YOU

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Thank you for your commitment to ethical, responsible AI implementation. Together, we are shaping a future where technology enhances learning while protecting the students we serve.