

Scan this QR code  
to join →



# AI Empowerment for Education (AI-Powered Accessibility)

Kyle McDill  
Center for Cyber Education



# The Mountain is a Teacher

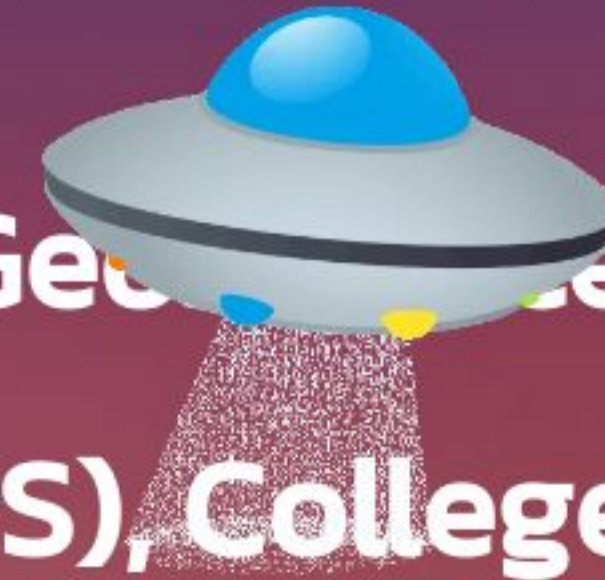
“One day, the mountain that is in front of you will be so far behind you, it will barely be visible in the distance. But the person you become in learning to get over it? That will stay with you forever. And that is the point of the mountain.”

*–Brianna Wiest*



# Introductions(Kyle McDill)

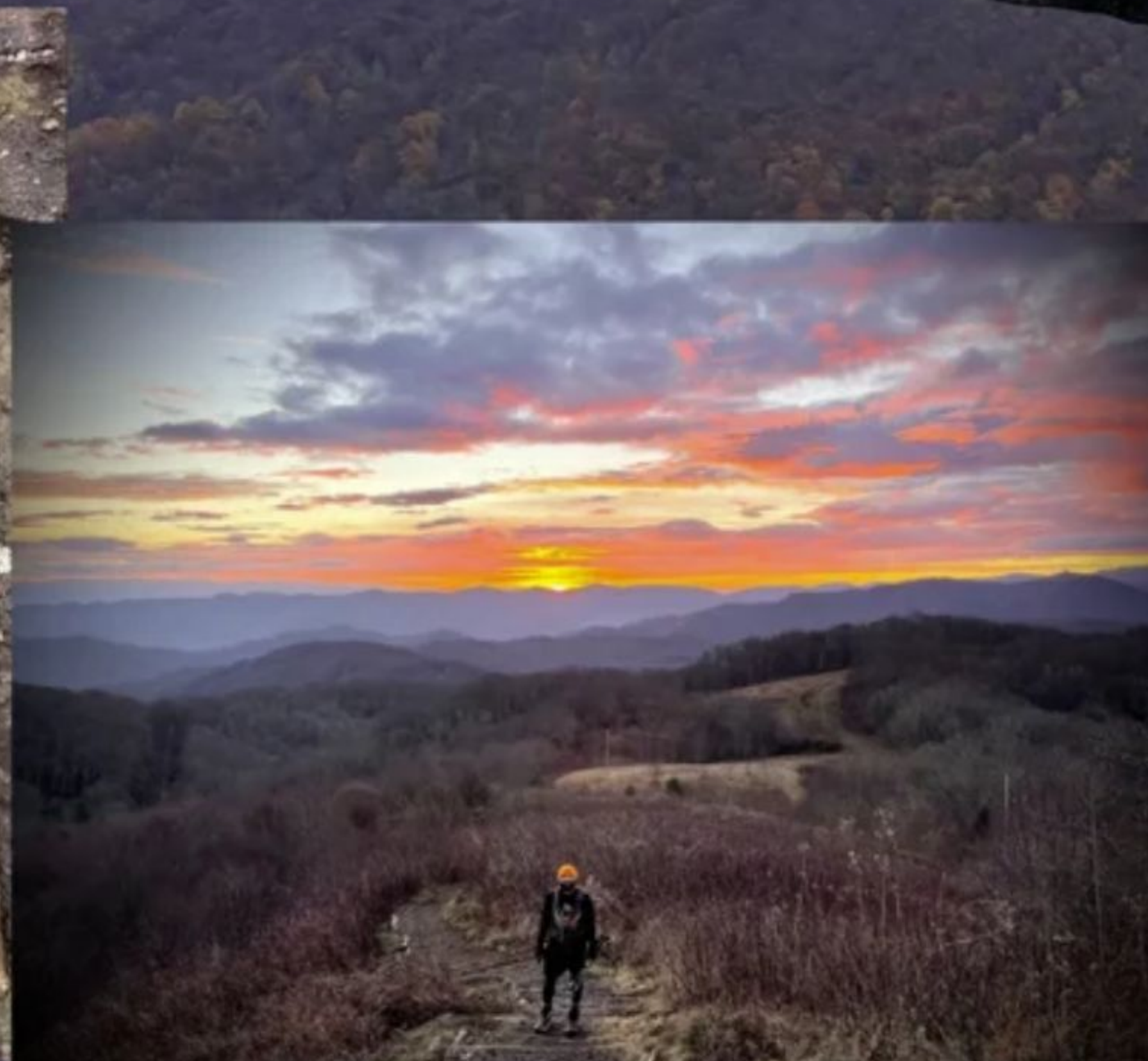
- ECCC, JSU and MSU Graduate (Elementary ED/History/Geography)
- Former Middle School Geography Teacher (7 years in JPS), College Lecturer (MSU) Geosciences
- Project Manager, Digital Technologies Curriculum, MSU Research and Curriculum Unit (2 years)
- Background in Industry:
  - Upchurch Plumbing/Ivey Mechanical (Sheet Metal Mechanic)
  - Best Buy (Inventory Control, Order Management System(OMS), Functionality, & Immersive Customer Experiences)
- Appalachian Trail Thru-Hiker (2021)
  - 2200 miles







6-16-21 12.9 130 10-12-21



Kaci & Kyle McDill  
Wildflower & Mando  
Flip Flop GA→TN  
ME→TN  
Louisville, MS (USA)  
@thatbeardedhiker



# Share your accomplishments!!!!

Work with kids with special circumstances mostly troubled homes

Getting a bachelor. Being a mother. Helping children learn and grow.

I'll start writing my dissertation in a month.

My name is Melanie I am the new art teacher for central. I'm currently in college for elementary education. I have 6 kids and a bad dog. I also love hiking and traveling.

I am father of two daughters who graduated from the same college my wife and I graduated from. Officaited state championship high school football game in state of ALABAMA

Survived 17 years of teaching and half of those were middle school.



Mother, highest education in my family

Being a mom

I have two bachelor's degrees-- one in music and one in elementary education. I have travelled most of Europe and the United States. I was born on Walt Disney's birthday. It is my claim to fame.



# How are you using AI currently?

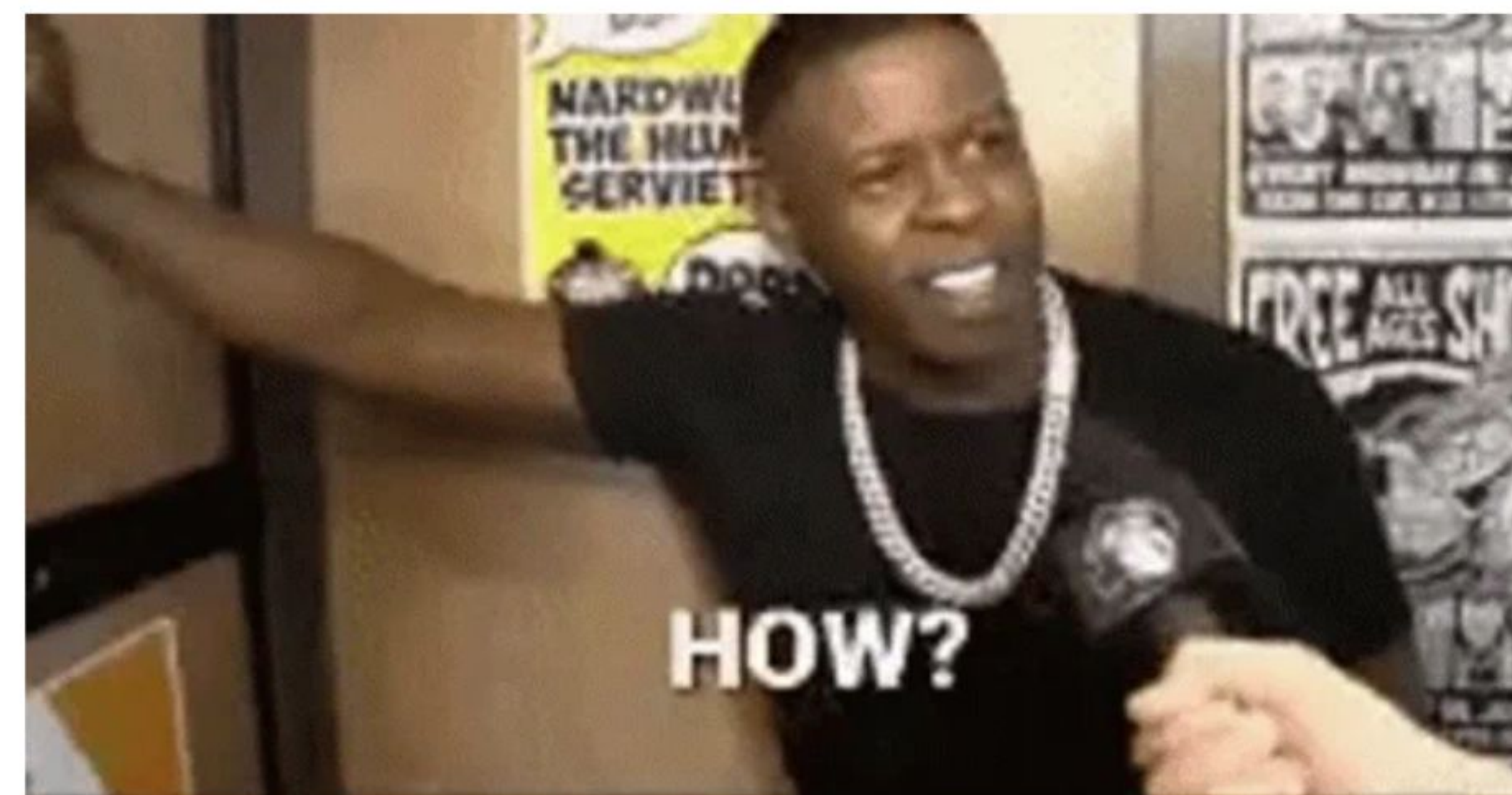
help with school  
 terrified  
 help with activities  
 to try it  
 no  
 test generation  
 i'm not...yet  
 help with lessons plans  
 letters to parents  
 resources  
 outlines  
 entertainment  
 help with school work  
 vocabulary  
 focused reading



## A Visual Timeline of Teaching Technology



# How did we get here????





# AMA

**Top questions**

Pinned

Newest

Oldest

Answered (1)

There are no unanswered questions.



# What Do We Mean by Accessibility?

- **It's the practice of ensuring every student can access, understand, and participate in learning.**
- In our metaphor: It's not about removing the 'mountain' (the challenge), but ensuring everyone has the tools and a clear path to climb it.
- **It means proactively addressing barriers related to:**
  - Vision & Hearing
  - Motor & Physical Skills
  - Language & Communication
  - Learning & Cognitive Differences





# Real-Time AI Supports

## (On-the-fly tools for immediate access)

- **For Live Lessons & Presentations:**
  - **Live Captions:** Real-time captioning of spoken words during a lecture or presentation.
- **For Interacting with the Physical World:**
  - **Meta Glasses (AI as Interpreter):**
    - *Visual ID:* "What am I looking at?"
    - *Live Translation:* "Translate this sign for me."



**EW, THAT'S AI!**



# Where could real-time captions or visual descriptions help in your school?



# Personalized Learning with AI

- **Tool:** [MagicSchool.ai](https://www.magic-school.ai)
- 
- **Demo 1: Text Leveler**
  - Adapts one complex text for multiple reading levels in seconds.
- **Demo 2: Accommodation Generator**
  - Creates student-specific supports based on IEP goals.



# Who would benefit most from simplified, AI-leveled content?

0

Early readers

0

English learners

0

Students with ADHD



# Live Demo-Universal Read-Aloud Tool



# Thinking back on everything we saw today, which category of AI tools are you most excited to explore?

0

Real-Time Supports (Live Captions, Meta Glasses)

0

AI-Powered Planning (MagicSchool, Text Leveling)

0

Hands-Free Control (Voice Access)

0

Building Custom Tools (Like the apps we just made)



# What is the one AI tool you will try in the next month?



# AMA

**Top questions**

Pinned

Newest

Oldest

Answered (1)

There are no unanswered questions.



8:30 am 6371

9:30 am 4758

