

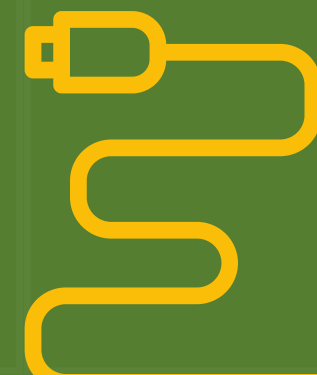
AI APPETIZERS

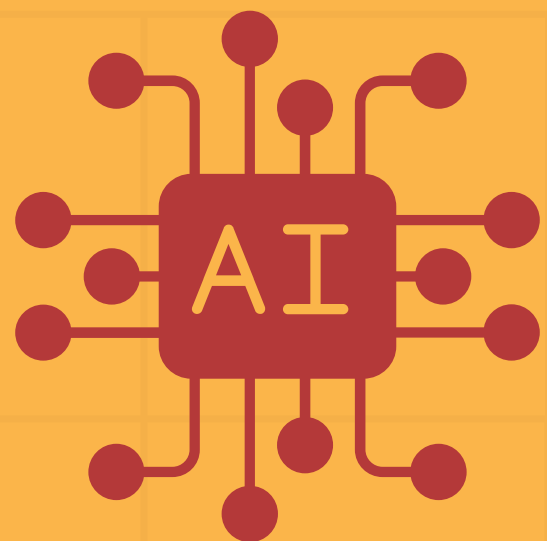
A Taste of Ethical AI for Educators

*Presented by Technology Integration Specialist,
Christine Danhoff, of North Point ESC and PBS Western Reserve*



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INCLUSIVE PORTIONS: USING AI TO SUPPORT EVERY LEARNER

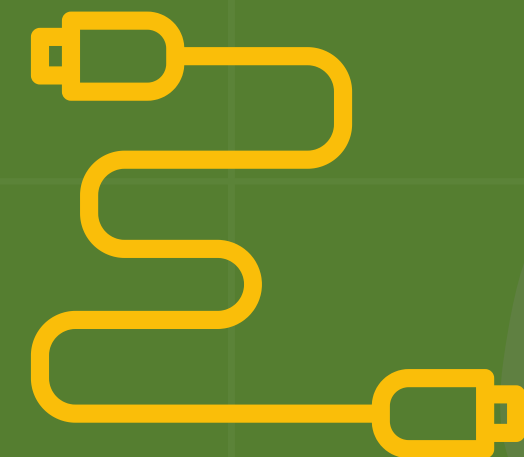


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WHAT'S ONE CHALLENGE STUDENTS
FACE THAT AI COULD HELP WITH?

UNMUTE OR DROP YOUR THOUGHTS IN
THE CHAT!



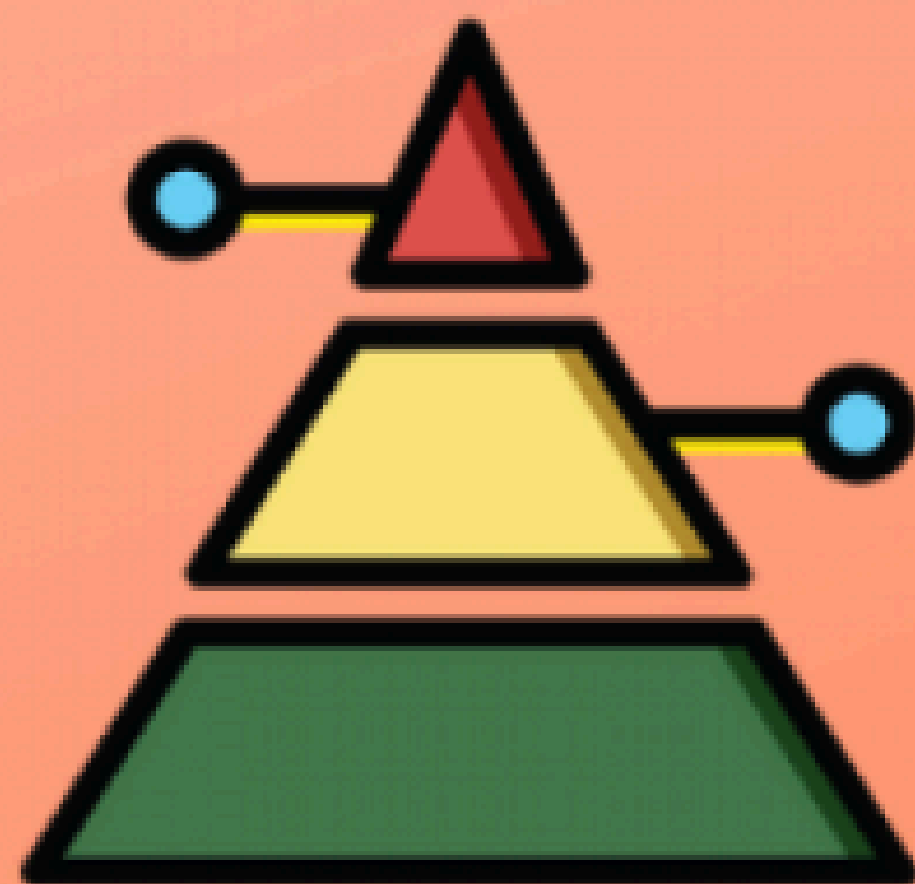
IMAGINE IF...



HeyGen



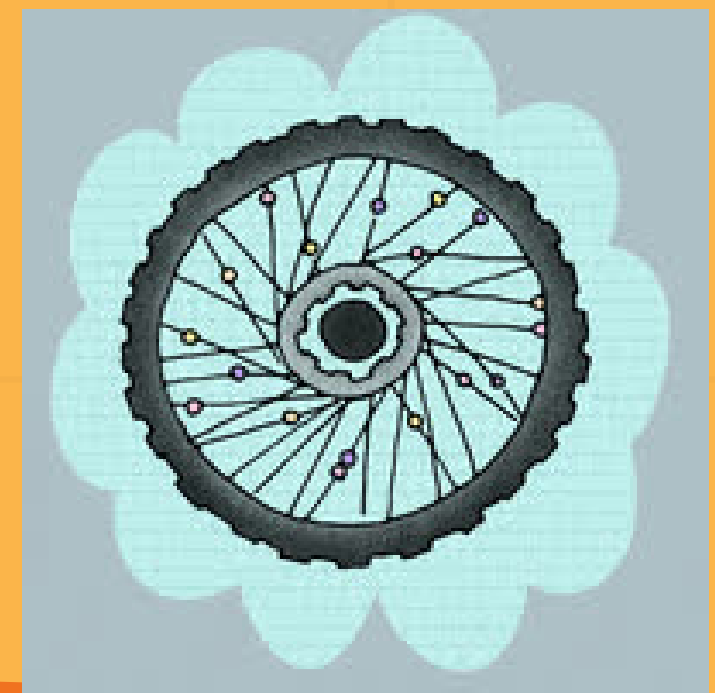




**SUPPORTING EVERY STUDENT
CAN BE HARD.
IT DOESN'T HAVE TO BE.**

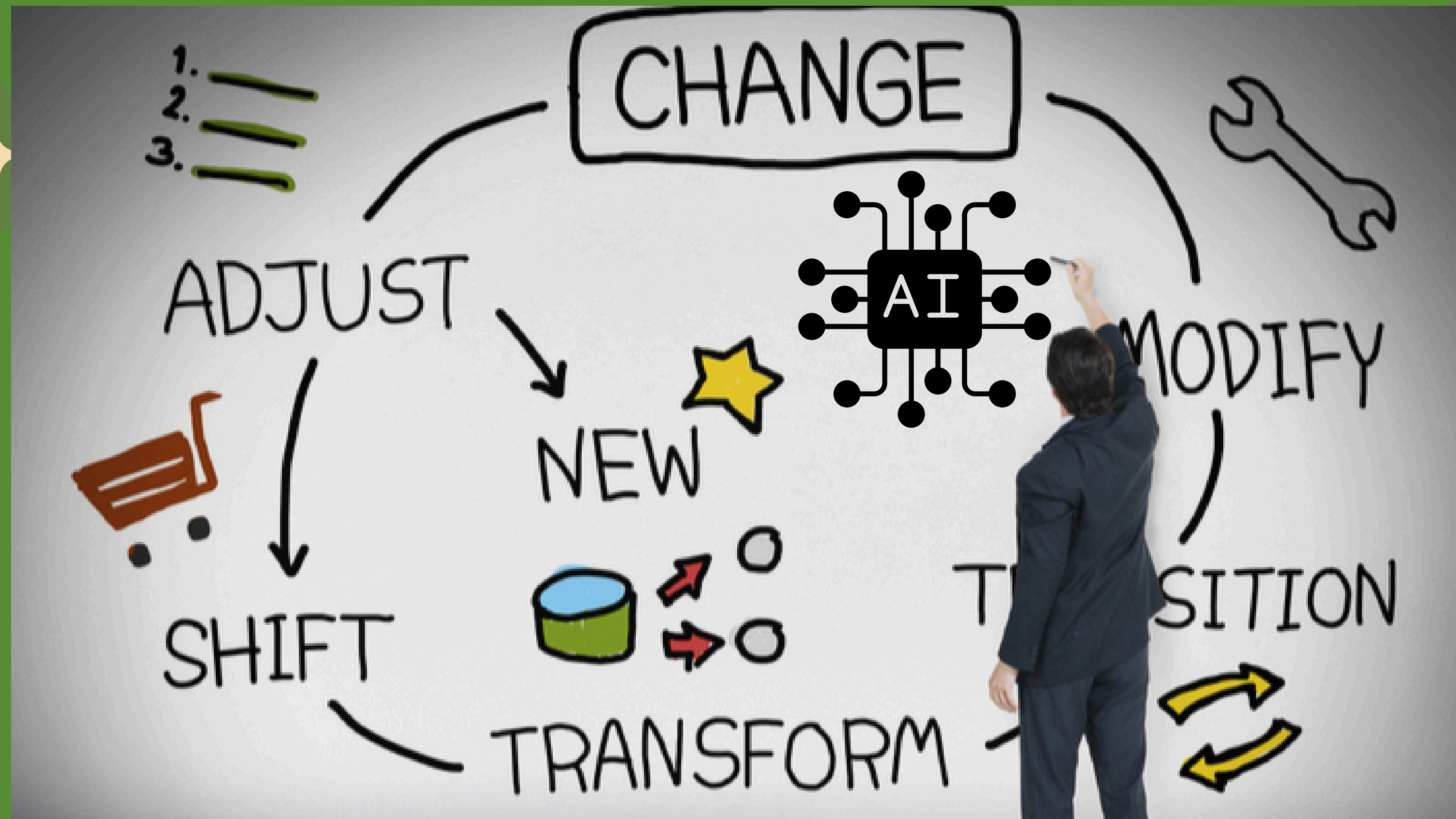
**KIDS LEARN DIFFERENTLY, KIDS ARE
MOTIVATED BY DIFFERENT THINGS, KIDS
ARE NOT ONE SIZE FITS ALL COGS IN THE
WHEEL OF SCHOOL.**

Meghan Kestner
@spedteacheriam

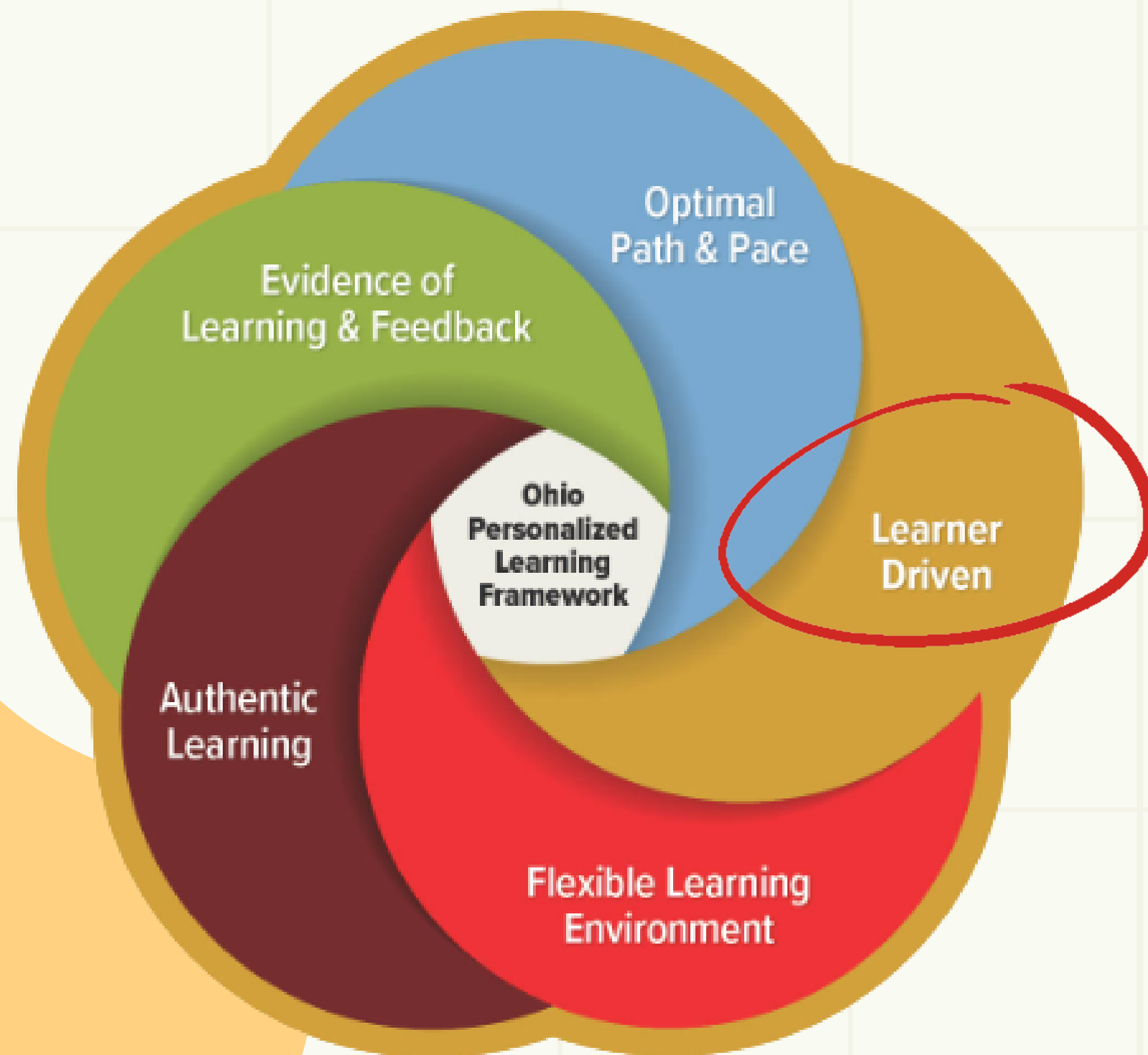




LEARNING STYLES & MULTIPLE INTELLIGENCES

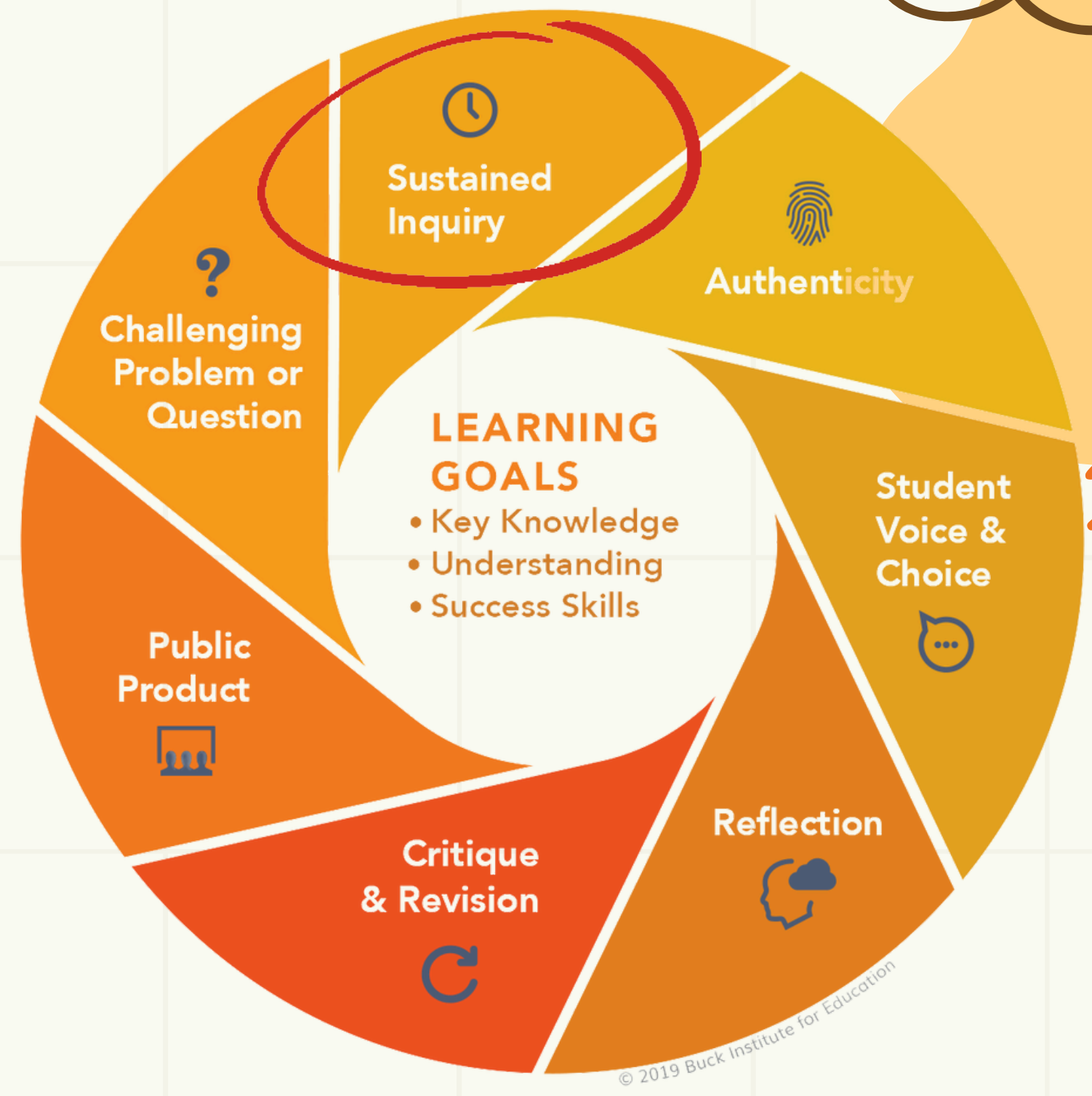


WHAT CHANGE LOOKS LIKE...



Gold Standard PBL

Seven Essential Project Design Elements



WHERE DOES AI COME IN?



MasteryMate
By Alayna AI



Project Recipe



Created by
Christine Danhoff

Earthquake-Resilient City Design

Actions ▾

Grade 8

Science

5 days

In the Earthquake-Resilient City Design project, eighth-grade students explore the science behind tectonic movements and structural engineering to design a model city capable of withstanding earthquakes. Through hands-on activities, students learn about tectonic plates, analyze seismic vulnerability, and create innovative, earthquake-resistant building blueprints. They build and test model cities, modifying their designs based on performance in simulated earthquakes to enhance resilience. This project integrates science and engineering standards, encouraging students to apply scientific principles and technology in urban planning for earthquake-prone areas.

Key Concepts

Earthquakes

Tectonic Plates

Structural Engineering

Urban Planning

Model Testing

Resilience

Technology



Inquiry Framework



Portfolio Activities



Rubric & Reflection

WHERE DOES AI COME IN?

Get student-ready resources for...

[Literally Anything](#)
[Books](#)
[Article or YouTube Link](#)
[Text or PDF](#)
[Vocabulary List](#)

Teaching a chapter book or novel? [Try our new Books feature](#) →

1. Enter a topic, theme, or question here

What are the basics of tectonic plates and their movements? Standard: Earth's lithosphere consists of major and minor tect

Align to Standards: [ELA](#) [History](#) [Science](#) [8.ESS.2](#)

2. Customize your resources

Reading Level

3rd Grade

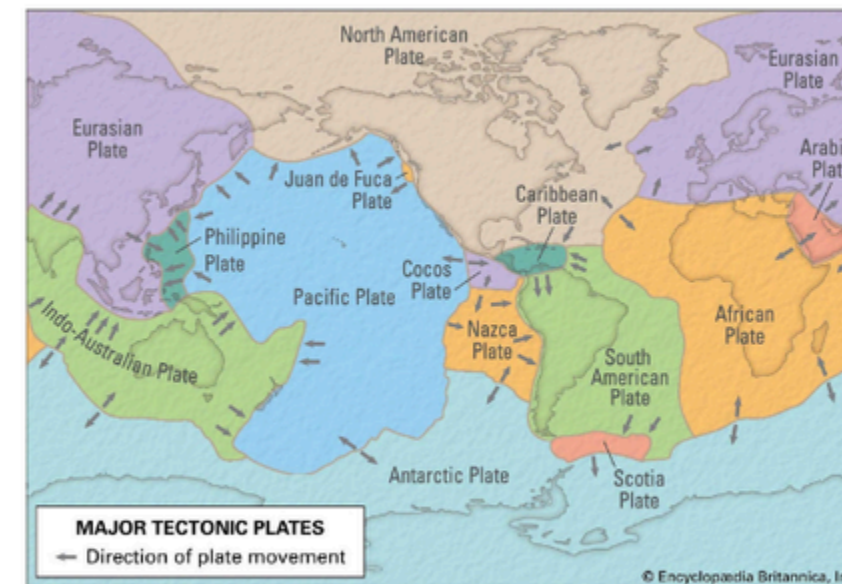
Language

English

Type of Reading

Informational Text

Generate Resources



What are the basics of tectonic plates and their movements? Standard: Earth's lithosphere consists of major and minor tectonic plates that move relative to each

TEACHER INSTRUCTION PAGE (delete this slide)

Hexagonal Thinking Workbook

Student Activity: In this printable activity students cut out hexagon tiles with key vocabulary and work with groups to make meaningful connections based on what they learned.

It also includes pages for reading the article and taking notes, short answer questions, multiple choice questions, and a discussion worksheet for open-ended prompts.

How to share with students: These pages are sized for printing or can be assigned digitally using an LMS (like Google Classroom), where students can work on their own slide decks via "Make a Copy for Each Student." Each slide is set up with text boxes for students to type in.

Please Note: Because Diffit resources can vary in length, be sure to check the formatting on each slide.

Suggested Lesson Flow:

1. Students record what they notice and what they wonder about the image.
2. Students cut out the hexagons and discuss them with their group.
3. Students read and take notes.
4. Students answer the questions and explain their thinking.
5. Students write answers to the short answer questions.
6. Have students complete the Open Ended Questions and discuss with partners or groups.

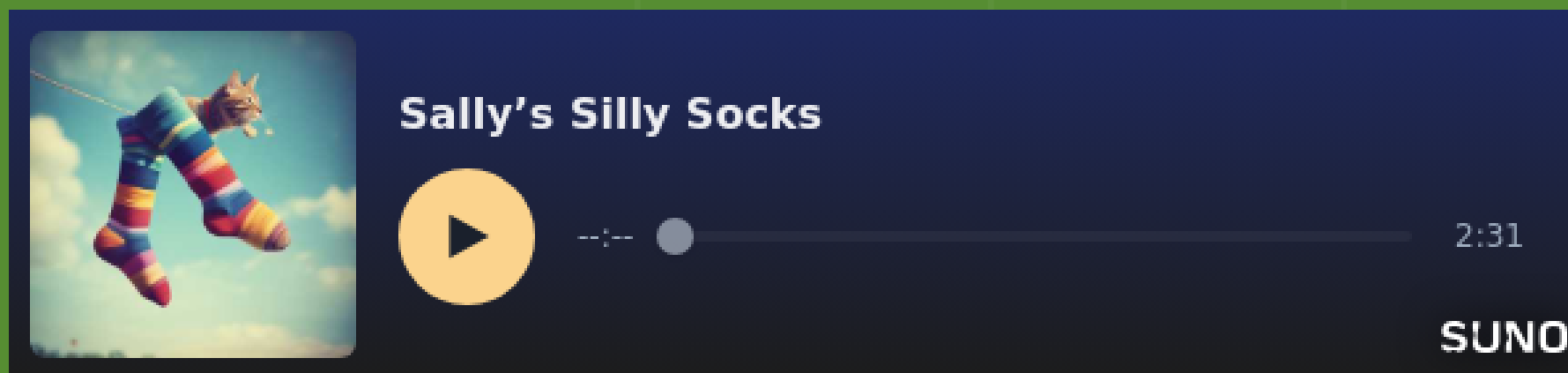
Feel free to edit, remix, and use this resource however works best for you and your students! [Find editing tips here!](#)

Learn More: [Please reach out](#) with any questions or feedback. You can also learn more on our [FAQ page](#), or get more resources at [Diffit.org!](#)

TEACHER INSTRUCTION PAGE (delete this slide)

WHERE DOES AI COME IN?

Generate a story written at a 2nd grade reading level with content to help accomplish this goal - "Improve the production of the /s/ sound in initial, medial, and final word positions."



JOIN CODE



S Sounds

WHERE DOES AI COME IN?

Text Scaffolder

 Edit Prompt 

Vocabulary:

1. **Silly** - something that is funny or makes you laugh.
2. **Scattered** - when things are spread out in different directions.
3. **Giggled** - a soft, silly laugh.
4. **Purred** - the sound a cat makes when it is happy.
5. **Sack** - a bag used to hold things.

Questions:

1. What game did Sally play with her socks?
2. How did Sally feel when she found the silliest sock?
3. What did Spots do when Sally asked for help?

 Copy  Edit  Export  Read Aloud  More



Can you provide more vocabulary words?

What activities can I use to teach these words?





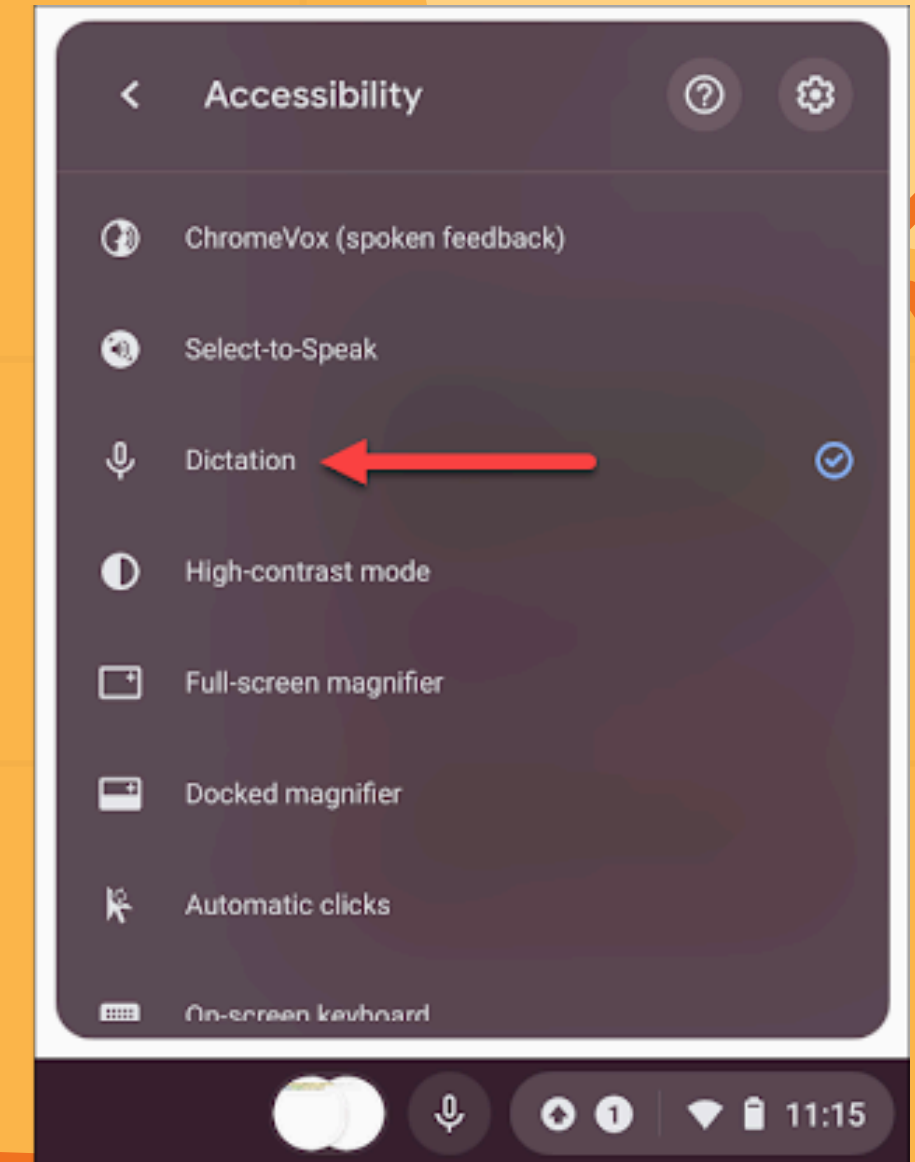
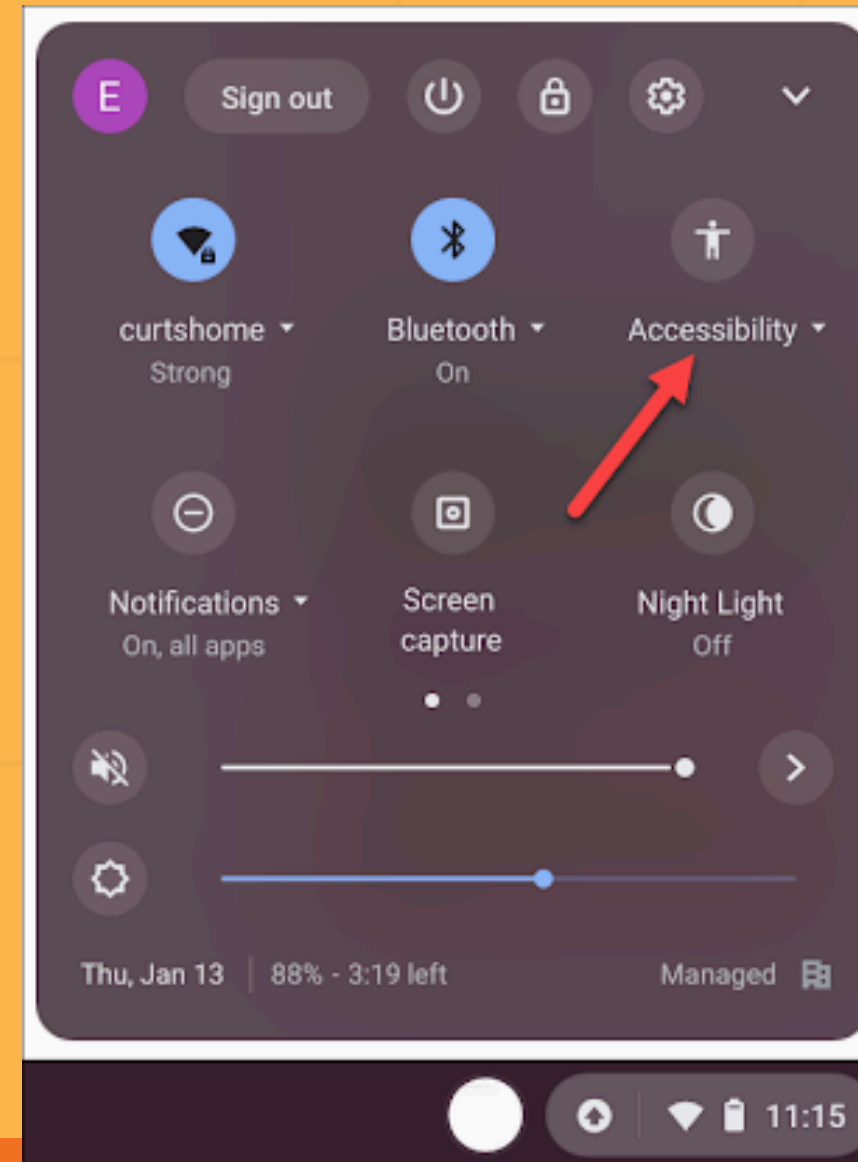
Read&Write for Google Chrome™



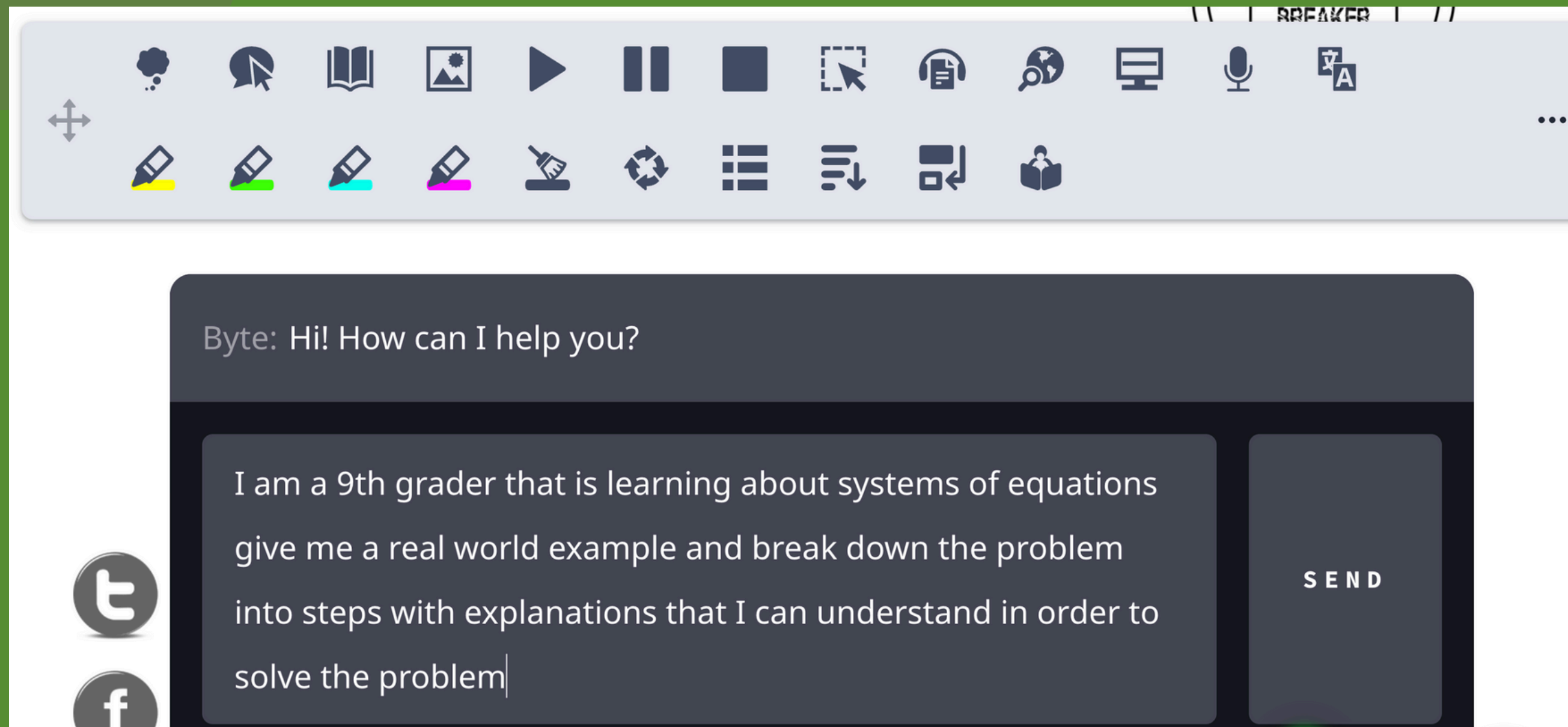
Helperbird: Accessibility & Productivity App



Google Lens



STUDENT SUPPORTS...



Byte
/bīt/
proper noun



**KEEP
MOVING
FORWARD**



AI isn't a distant future—it's the present.

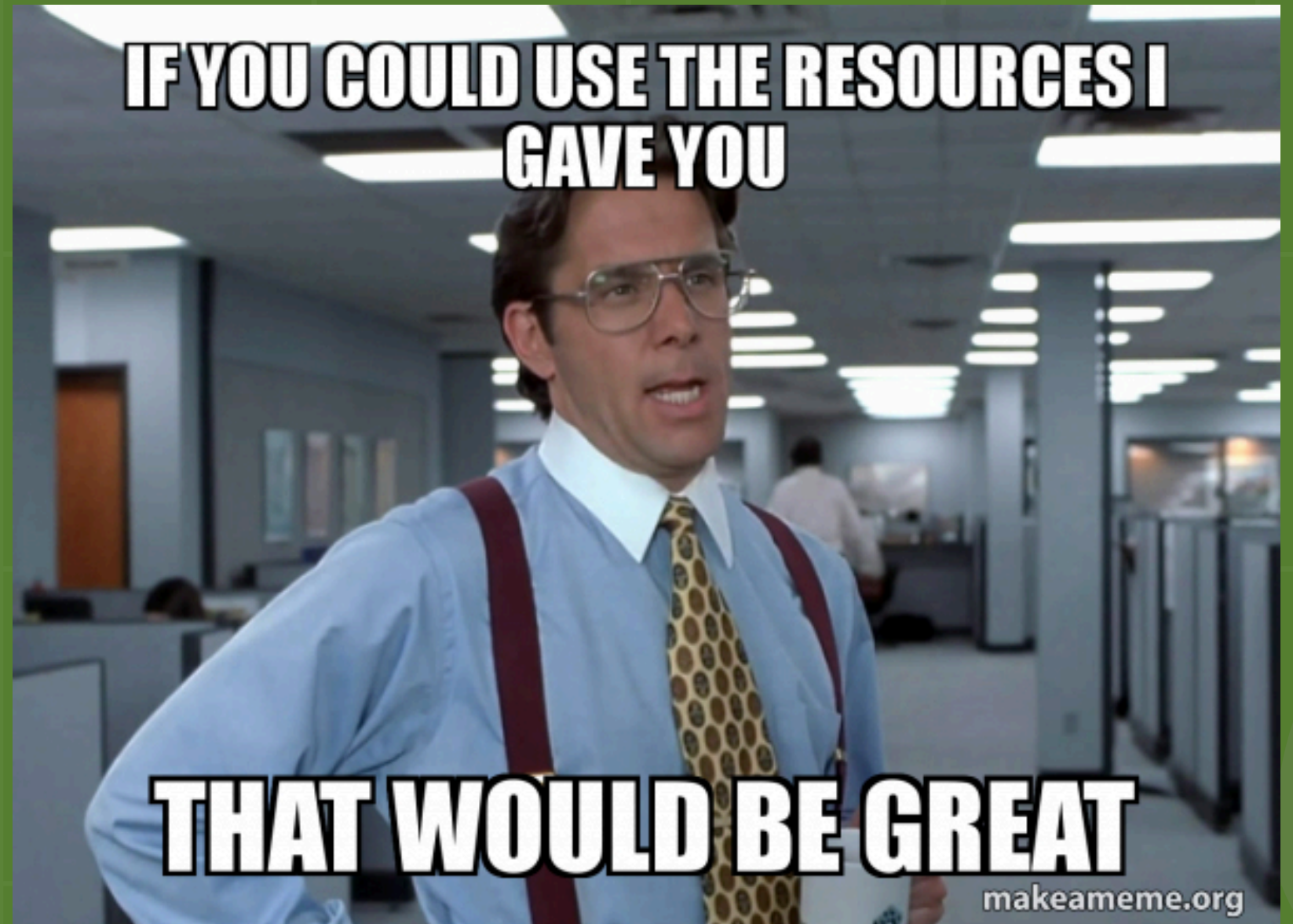
Students today will soon enter a workforce where AI plays a role in nearly every industry.

**The question isn't if we should teach AI
—it's how fast we can make it happen.**

**THE AI APPETIZER SESSIONS WERE FUNDED THROUGH
THE OHIO EdTECH GRANT AWARDED TO PBS WESTERN
RESERVE THROUGH THE OHIO DEPARTMENT OF
EDUCATION AND WORKFORCE.**



✧ bit.ly/aiappetizerspadlet ✧



Join
us

2025 Ohio AI Summits

Presented by aiEDU & Partners

Tour Dates & Locations:



Tuesday, April 22, 2025

Cincinnati, OH

Thursday, May 1, 2025

Toledo, OH



Department of
Education &
Workforce



Tuesday, May 6, 2025

Mansfield, OH

Wednesday, May 7, 2025

Winterville, OH



Thursday, May 8, 2025

St. Clairsville, OH

Join educators statewide to connect, inspire, and share expertise in
AI-driven education, literacy, and readiness.

FREE for all Ohio ESC employees, district leaders, building leaders,
and K-12 teachers with registration.

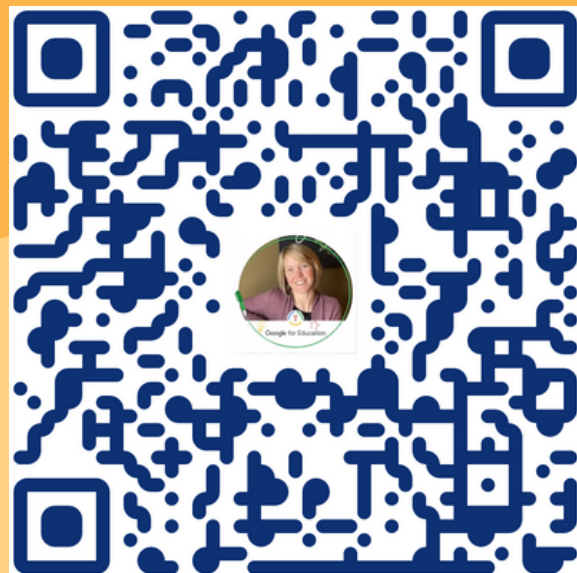


Limited Capacity — [Register Here!](#)

CHRISTINE DANHOFF



K-12 Technology Integration
Specialist
North Point ESC



@cmdanhoff



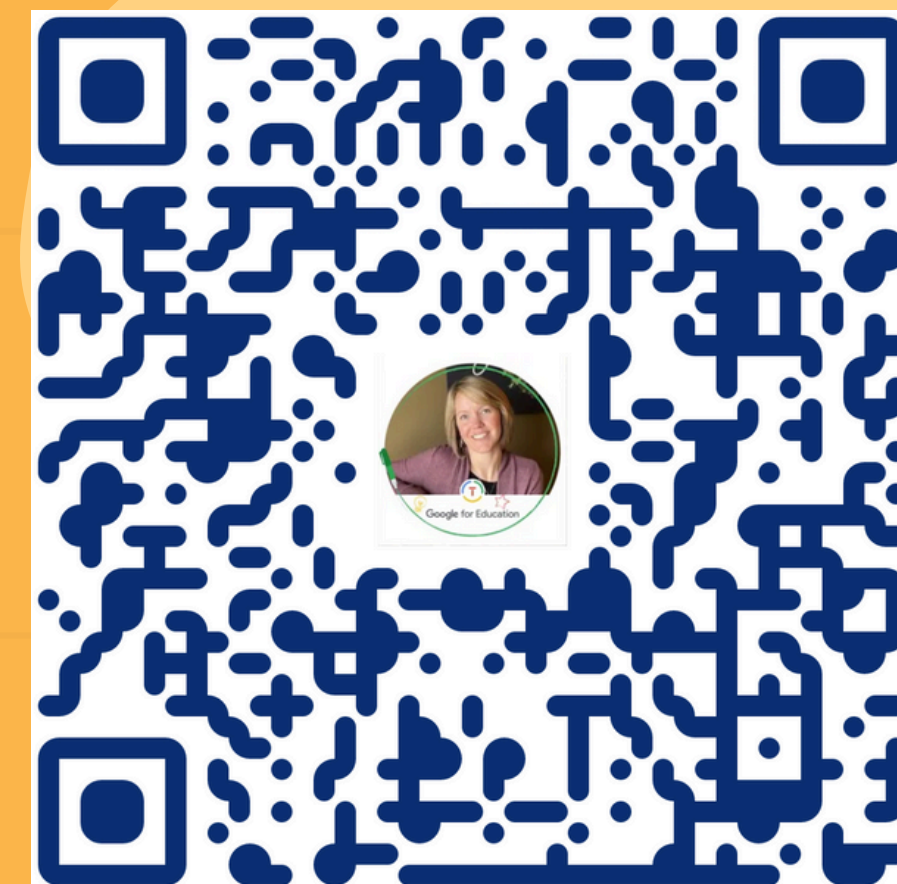
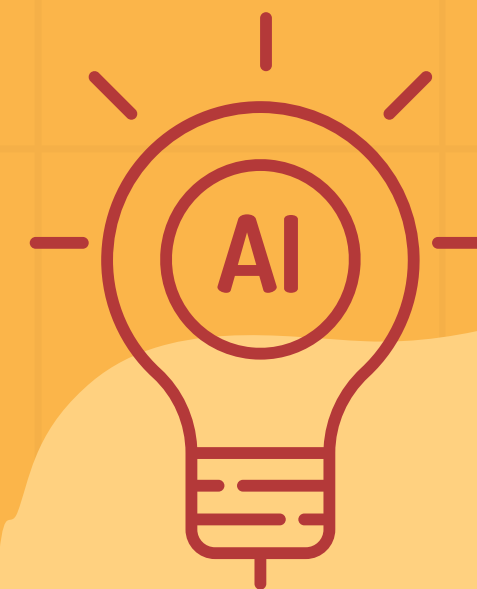
cdanhoff@npesc.org



campsite.bio/cmdanhoff

THANK YOU!

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Book some time with me!