

IDEAcon '25



AI for Differentiation

Monday, February 17

Sharon Hall

VIRTUAL

ISTE24

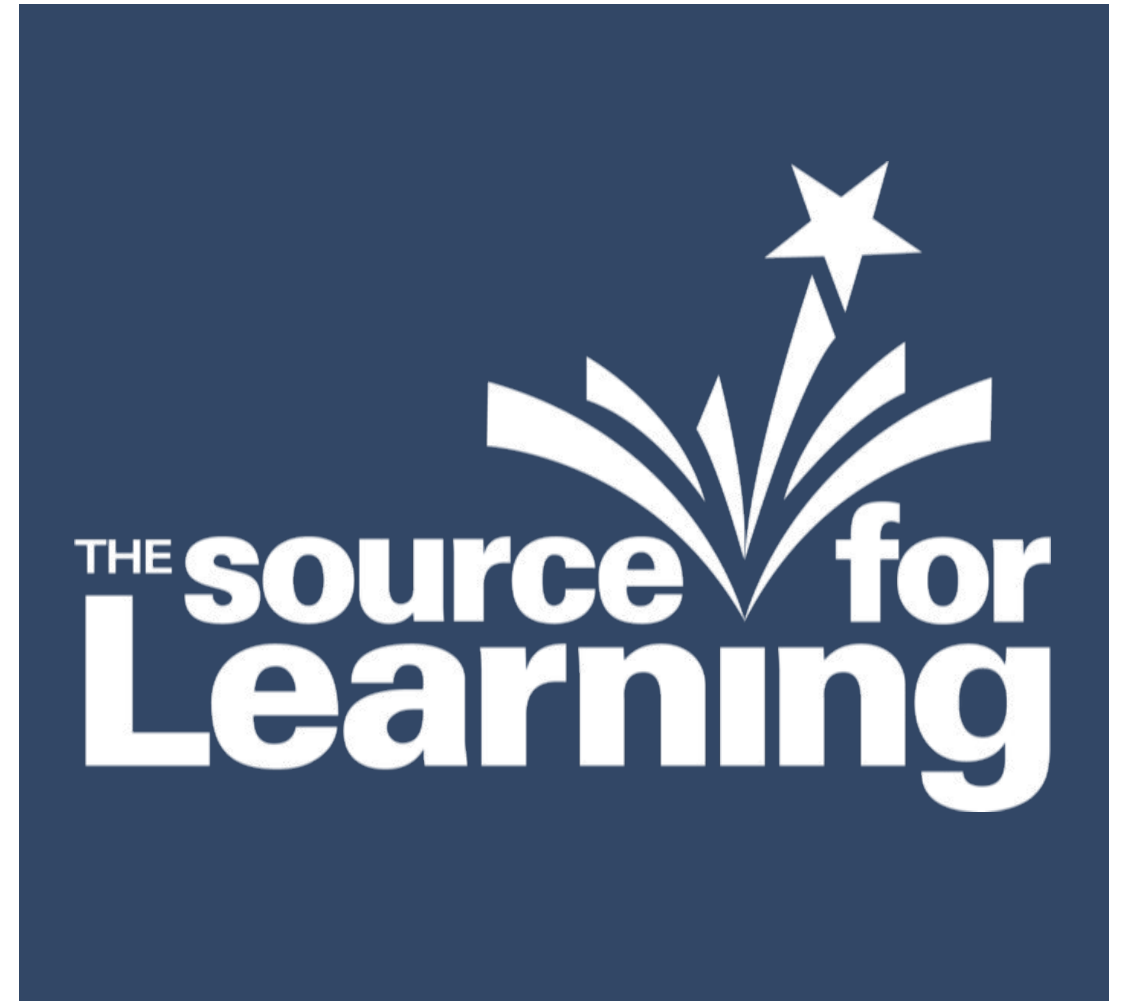


Sharon Hall

@sharonhall.bsky.social

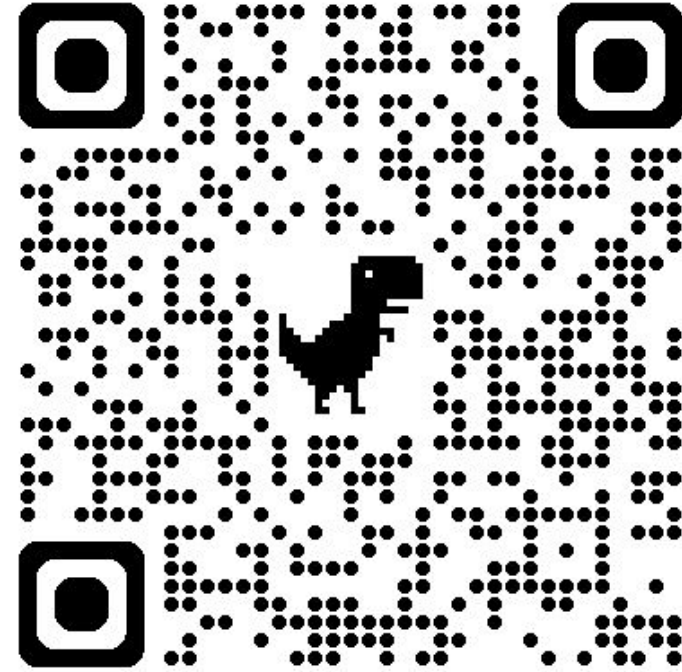
Missouri

Brought to you by ***The Source for Learning, Inc.***, a nonprofit that has been providing educational resources for more than 40 years.



Resources for Today's Session

Complete the form with your name & email for access to the slide deck and a few extras that we'd love to share with you.



<https://bit.ly/IDEAcon25>

Today's Goals

Participants will:

- Learn how AI technologies can be leveraged to support differentiated instruction in the classroom.
- Develop a practical understanding of integrating AI tools with established differentiation strategies to create a dynamic and inclusive learning experience for all students.
- Develop ideas to use AI to differentiate for lesson planning and assessment.

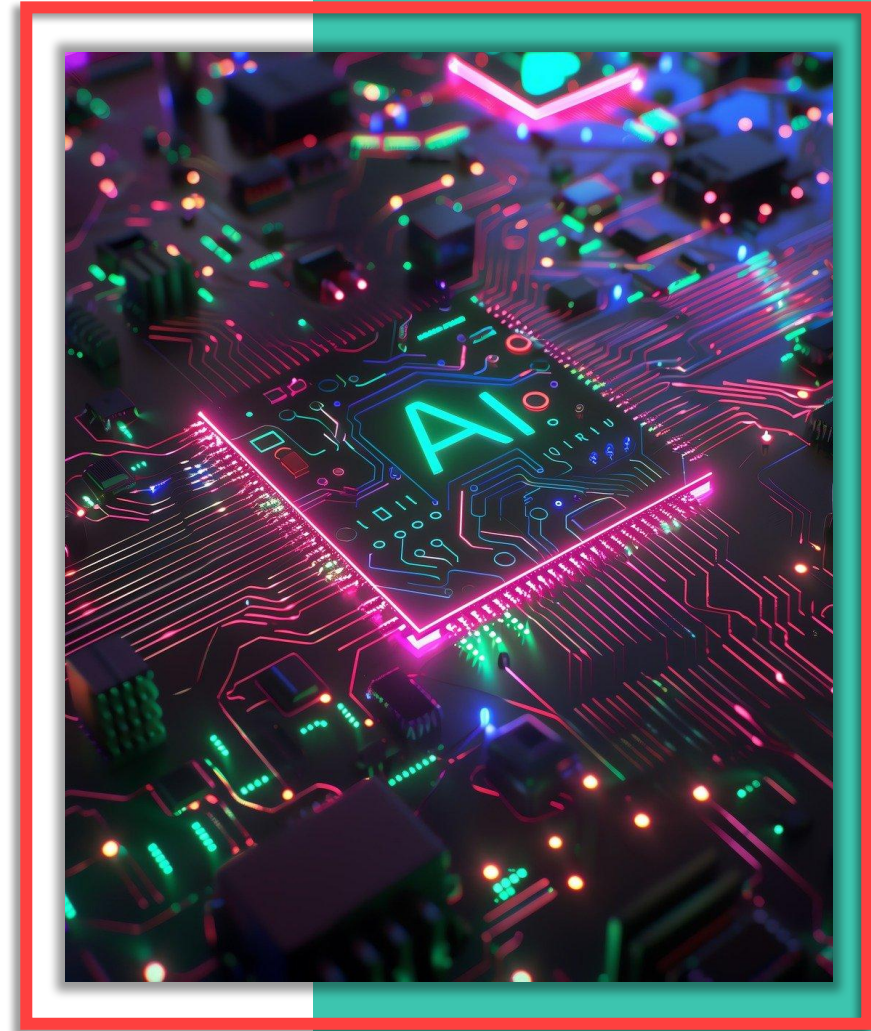
Agenda:

- Schema Activator
- Introduction to AI and Differentiation
- **Demo:** Creating lessons
- Try creating a lesson or activity
- **Demo:** Teacher Tools for Assessment
- More Ideas for the Classroom



Artificial Intelligence (AI):

- Generative AI
- Different types of resources
- Proceed with caution



AI for Differentiation:

Generate Leveled
Texts

Tools to build
understanding
through scaffolds

Break tasks into
smaller pieces

Modify instruction
for different needs
such as foreign
language, ADHD

Personalize
learning based on
interest or
learning style

Create engaging
learning activities

Choice Boards

Support students
at all levels of
learning

Develop and share
subject tutors



Perplexity:

- Generative chatbot
- Create and modify lesson plan
- Options for differentiation



Try it out:

- Create a lesson plan
- Differentiate an activity
- Differentiate an assessment

AI Generators:

- Built for specific tasks
- Don't require a prompt
- Easy to use





Teacher Tools for Assessment:

- Quizizz
- Snorkl

Additional Ideas for Differentiation:

modify
worksheets and
classroom tasks

differentiate
quizzes and tests

find ideas for
projects

station rotation
activities

generate ideas for
students to
demonstrate
learning

find ways to learn
from different
viewpoints and
perspectives

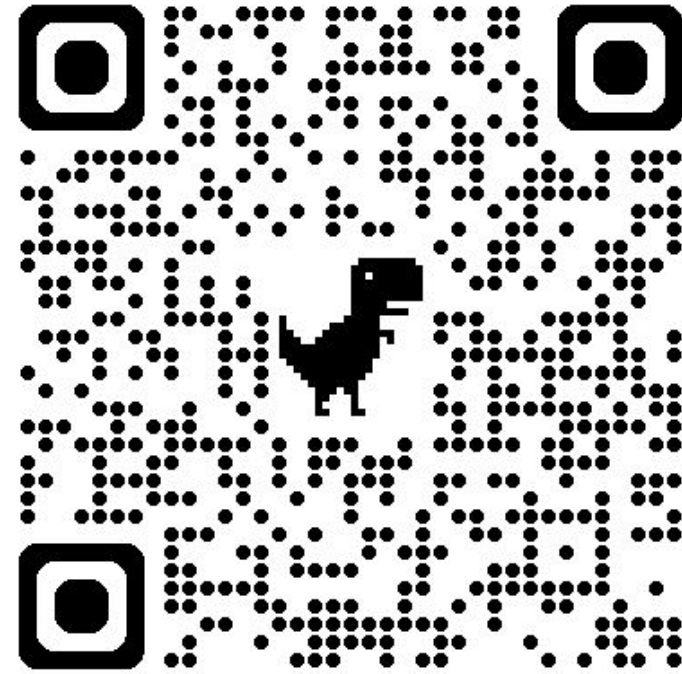
historical figure
and author
chatbots

create learning
games

analyze student
work to find
strengths and
weaknesses

Resources for Today's Session

Complete the form with your name & email for access to the slide deck and a few extras that we'd love to share with you.



<https://bit.ly/IDEAcon25>