

Progress Update: Incorporating AI into Teaching and Learning in CSD

Cambrian School
District

May 15, 2025



Agenda

01

Three
Questions

02

Impact on
District
Policies and
Rules

03

Moving
Forward

Three Questions

1. How do educators use AI to better meet the needs of their students?
2. How does AI impact educators' ability to measure students' content mastery?
3. How do educators teach students to use AI in a safe, responsible and productive manner?

Three Questions

1. How do educators use AI to better meet the needs of their students?

- Staff support primary focus area over past 2 years
 - Multiple Professional Development opportunities
 - Technology Integration Mentors focus
 - [AI Teacher Tips](#)
- Example use cases
 - Differentiate lessons and content
 - AI as a brainstorm partner
 - Create exemplar content
- Multiple tools have evolved to target teacher tasks



Choice Board (UDL)

Create a choice board for a student assignment based on the principles of UDL.



Song Generator

Write a custom song about any topic to the tune of the song of your choice!



YouTube Video Questions

Generate guiding questions aligned to a YouTube video.



Sentence Starters

Provide sentence starters for any topic, assignment, standard, or objective.



Rubric Generator

Have AI write a rubric for an assignment you are creating for your class in a table format.



Writing Feedback

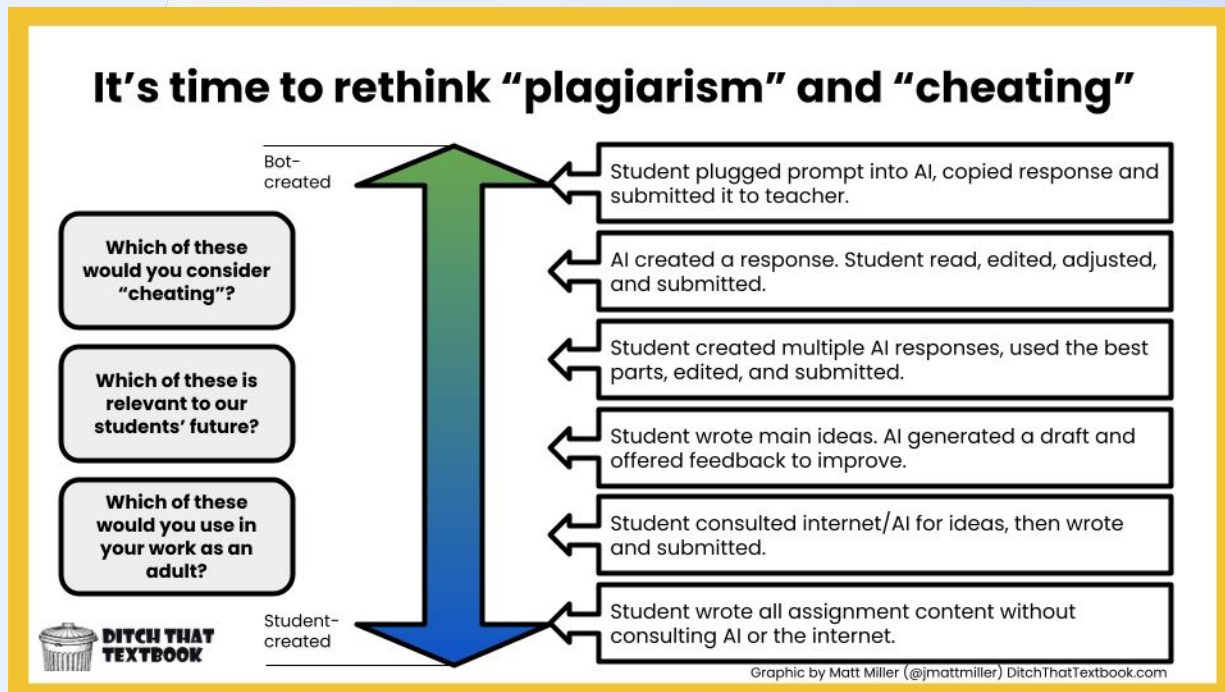
Based on a custom criteria, have AI give areas of strength & areas for growth on student work.



Three Questions

2. How does AI impact educators' ability to measure students' content mastery?

- “Parent AI” has been around a long time
- Create clear academic integrity standard for homework
- Discuss AI and plagiarism with students
- **Assess mastery based on work completed in class**
- AI detection tools unreliable and can be biased



Three Questions

3. How do educators teach students to use AI in a safe, responsible and productive manner?

How?

- Digital citizenship and literacy instruction - Common Sense Media
- Modeling with class
- Examples of skills to teach explicitly
 - Using AI in the writing process
 - Fact checking AI output
 - Checking for bias in AI output
 - Using AI to brainstorm ideas
 - Using AI safely - e.g. not entering personal data
 - Citing AI as a source

Important Considerations

- Go slow to go fast. Tech is growing rapidly. Student safety is the #1 consideration.
- Analogous to the evolution of the Internet
- Bulk of AI tools have Terms of Use that preclude users under 13
- However, AI is a tool our students will use in the workplace so it must be part of our digital literacy and citizenship efforts.

AI Literacy Lessons for Grades 6-12

Quick, grab-and-go lessons to help your students think critically about AI and its impact.

Artificial intelligence (AI) is rapidly transforming the world we live in. From using generative AI for schoolwork to dealing with misinformation and befriending AI chatbots, students have a lot to consider when it comes to this ever-evolving technology.

This collection of quick lessons (20 minutes or less!) provide an introduction to AI and help address its social and ethical impacts. Through these lessons, students will:


- Understand what AI is and how it works
- Consider some of its potential benefits and risks
- Think critically about how we can be responsible and ethical users of AI

Also: See our AI Basics for K-12 Teachers self-paced training course!

NUMBER OF LESSONS
9


TOPICS
News & Media Literacy Digital Citizenship

+ 3 more



Use	Pedagogy	Benefit	Risk
Mentor	Providing feedback	Frequent feedback improves learning	Risk of errors and hallucinations
Tutor	Direct Instruction	Personalized direct instruction 1:1	Risk of errors and hallucinations
Coach	Facilitate Metacognition	Opportunities for reflection and self-regulation	Tone or style of coaching may not match student
Teammate	Improve team performance	Provide alternate viewpoints	Personality conflicts with teammates
Student	Receive explanations	Teaching others as a learning tool	Argumentation and errors
Simulator	Deliberate practice	Practice application and transfer	Risk of errors and hallucinations
Tool	Accomplish a task	Help students produce work	Outsourcing thinking and skills

Adapted from School District 115- May 2023

 common sense education

Policies and Rules

Current Approach

- Treat AI as falling under the umbrella of general technology tools
- Address topics related to safe and responsible use of technology
 - Employee Guidelines
 - Tech Use Agreements
 - Board Policies
- [CSD Staff Guide for Using AI](#) developed

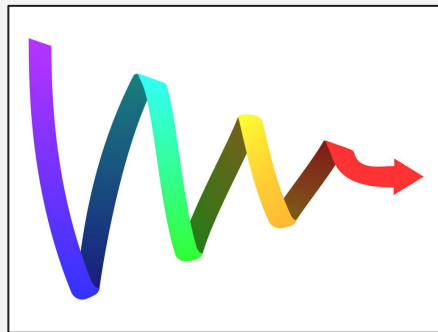
Moving Forward

- Identify AI-specific elements to be addressed explicitly in Use Agreements and Policies
 - Important as student use expands

Moving Forward

Important Considerations...

- Student Data Privacy and Security
- Terms of Use
- Equity of access
- Bias
- Hallucinations
- Digital Literacy



Next steps...

- Continue support of staff through TIMS and PD
- Monitor and vet opportunities to use AI to support personalized student learning
- Expand digital citizenship and literacy instruction to include more AI
- Evaluate need to integrate AI more explicitly into policies and agreements

Questions?

