

Volusia AI Academy 2026

“Creating life-long learners prepared for an ever-changing global society.”

Teacher-Facing Tools for Planning Instruction, Part 1

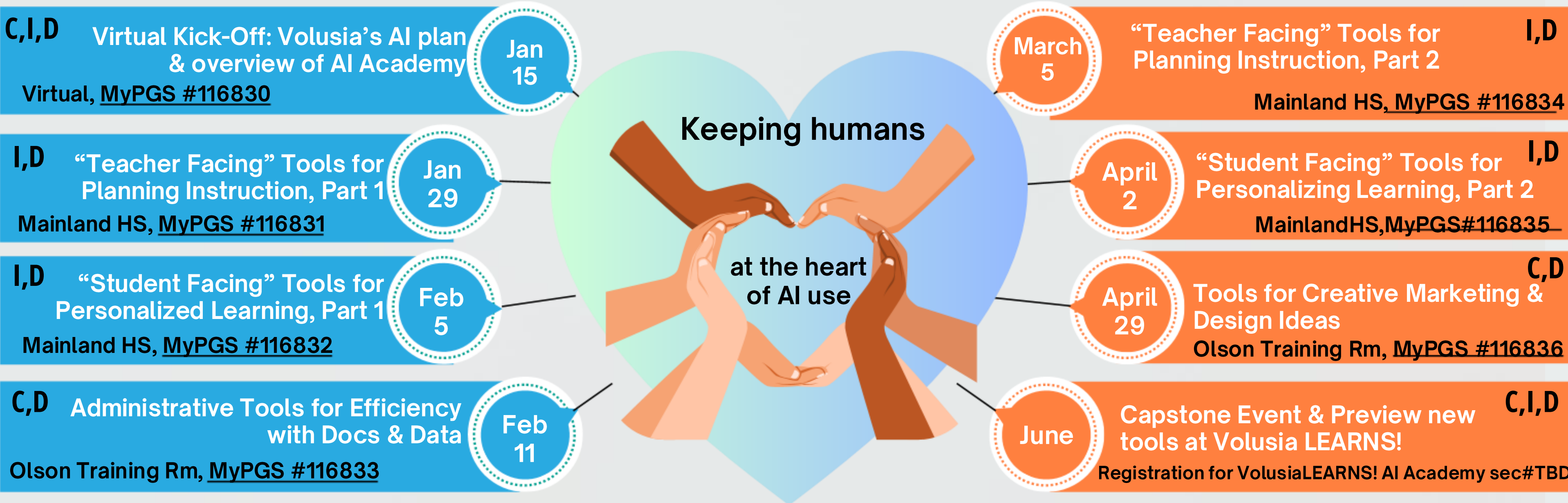
Jan. 29, 2026



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Achieve an “AI Accomplished” micro credential, become a Tech Showcase Classroom and earn up to 13 in-service credits.



All clerical (C), instructional (I) and district (D) staff are encouraged to participate. Sessions are labeled with target audience.

Go to MyPGS for session descriptions and register. Choose to attend one or all sessions. **ALL are WELCOME!**

The ITS EdTech team is ready to assist & respond to any questions. We look forward to hearing from you.

Email: edtechall@groups.volusia.k12.fl.us, message us on Teams or dial #51613



What is artificial intelligence?

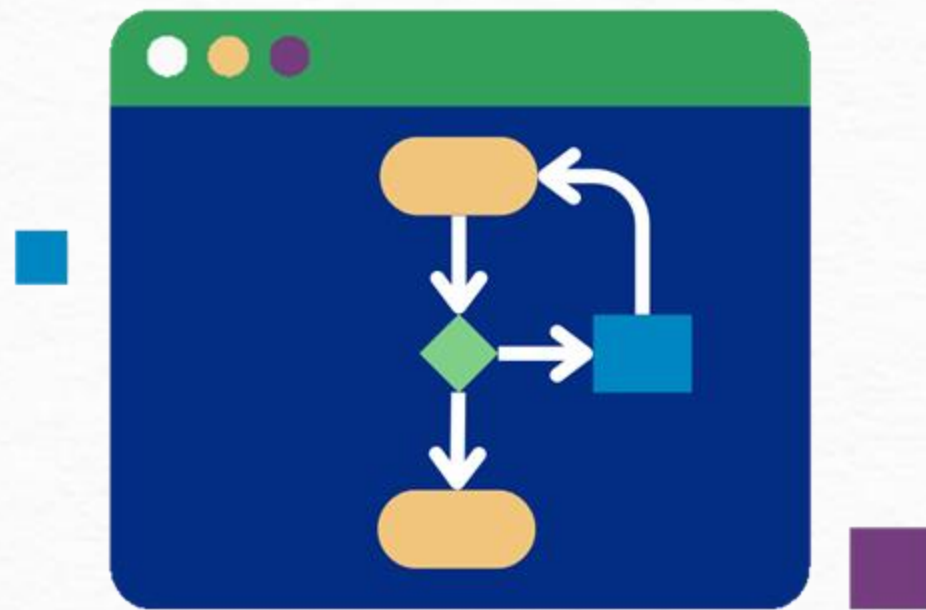


● Artificial Intelligence...

...refers to **programs or machines that simulate tasks that typically require human intelligence**, such as:

- *recognizing patterns*
- *making predictions*
- *generating content*





Artificial Intelligence emerges as a field of computer science, integrating concepts from mathematics, engineering, and psychology. Alan Turing develops the Turing Test and becomes the “father of AI”.

1950s

Machine Learning (ML) is a range of techniques whereby computers are trained to improve their performance by processing vast amounts of data.



Deep Learning (DL) is an ML technique that utilizes neural networks and algorithms inspired by how human brains learn and process information.

“smart” appliances begin to appear, Apple computer

Required high-powered computers not yet readily available to consumers.

1980s





Large Language Models (LLMs), a product specialized for tasks that mimic neural networks of the human brain, like natural language processing, text generation, and translation.

2020...Siri & Alexa

2022...ChatGPT

2023...Bing Chat, Claude, Bard

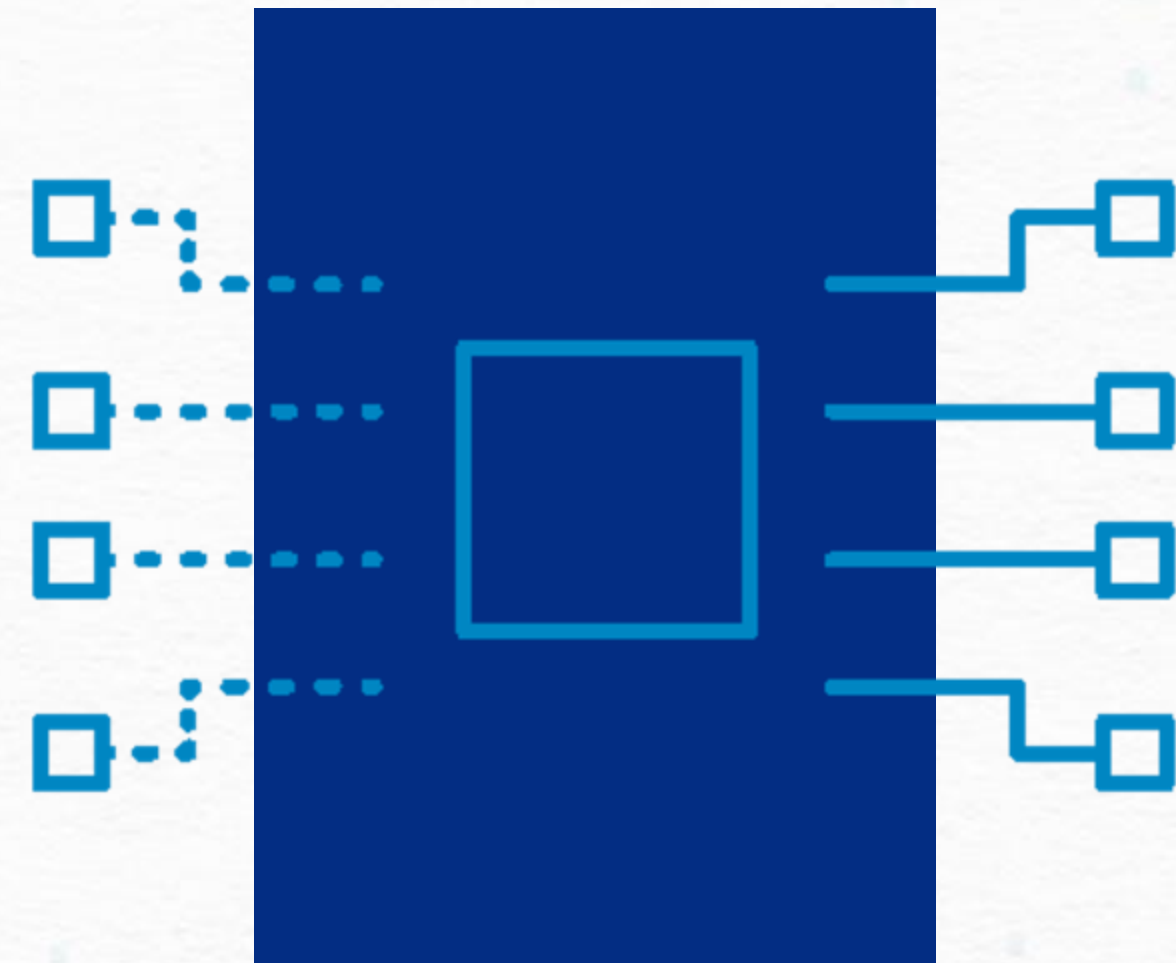
2025...ChatGPT5, Claude Opus, Gemini 3, Grok 5, Meta, and more!

2020s

Generative AI (Gen AI) is a powerful category of AI that includes LLMs and other models that generate text, images, videos, or music.

The internal workings of Gen AI models can lack transparency and explainability, **making it challenging to build trust and ensure accountability.**

Additional issues specific to Gen AI in education include **bias, misinformation, and overreliance on AI tools.**



Today



ROLE OF EDUCATION IN THE AI ERA

By learning to safely use AI and modeling AI literacy for students, we are fulfilling our professional duty to Volusia Schools' vision of **"creating life-long learners prepared for an ever-changing global society."**





CHOOSING AI TOOLS: SAFETY FOR ALL

It is a school district's legal obligation to protect data privacy when considering which AI-powered tools to use in classrooms. VCS carefully reviews tools & requires data protection agreements (DPA) for every vendor we provide to employees and students. All employees are provided choice, training, and support for creative, efficient and safe use of AI tools to improve their daily work. Using unsupported AI tools is not permitted on the Volusia network.

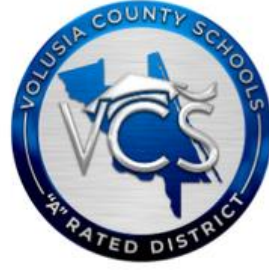


Teacher-Facing AI Tools

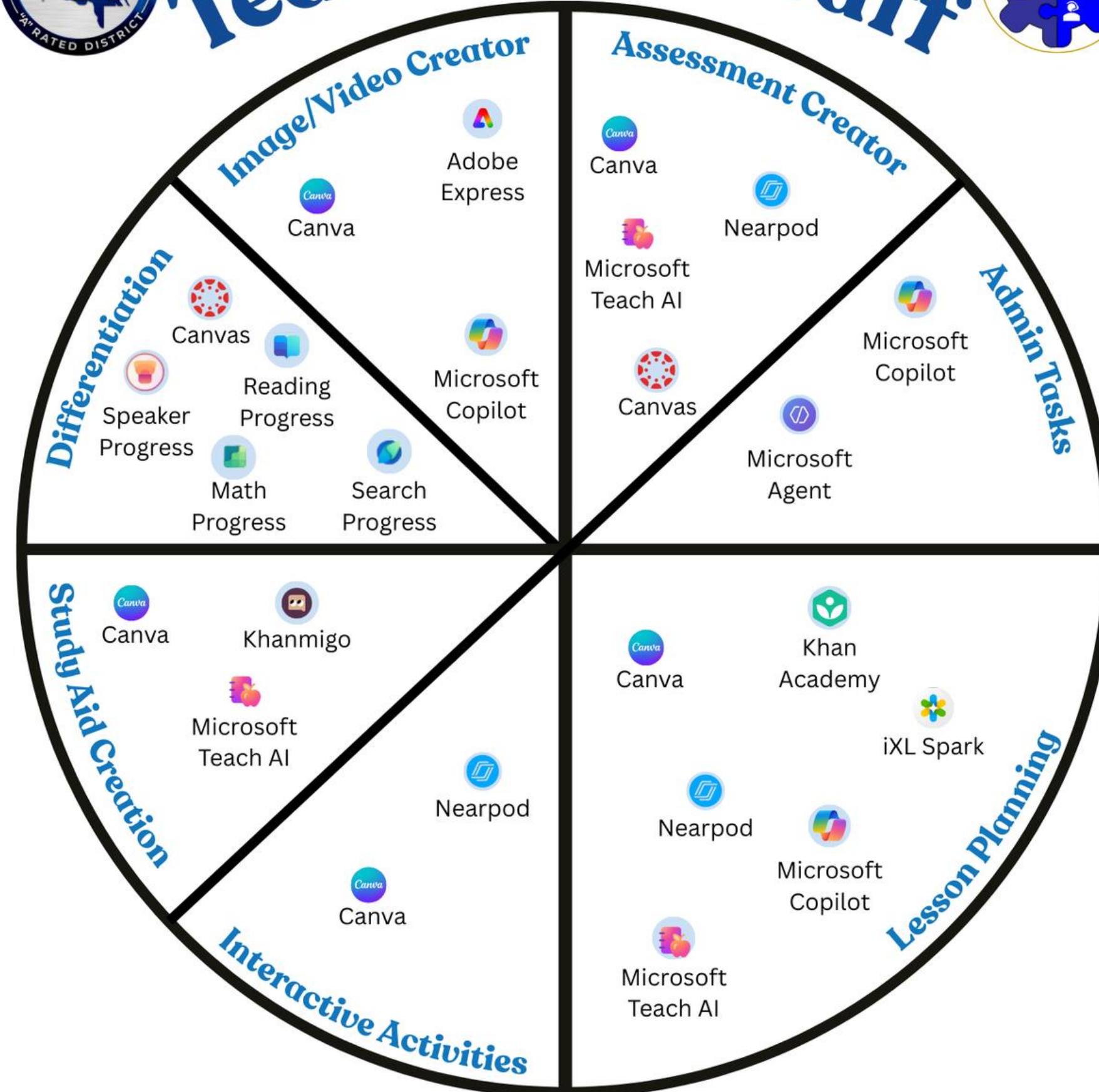
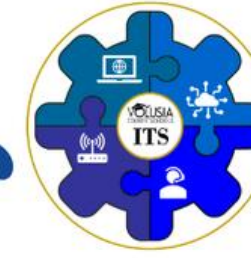
- Lesson Planning
- Data-driven decision making
- Streamlining administrative tasks
- Creating efficiencies in grading, data collection, summarization, presentation creation.



VCS-SUPPORTED AI TOOLS



Teachers & Staff



Instructional & District Curriculum Staff

I,D “Teacher Facing” Tools for
Planning Instruction, Part 1

Jan
29

Mainland HS, MyPGS #116831

March
5

“Teacher Facing” Tools for
Planning Instruction, Part 2

I,D

Mainland HS, MyPGS #116834

Clerical & District Support Staff

C,D Administrative Tools for Efficiency
with Docs & Data

Feb
11

Olson Training Rm, MyPGS #116833

April
29

Tools for Creative Marketing **C,D**
& Design Ideas

Olson Training Rm, MyPGS #116836



Student-Facing AI Tools

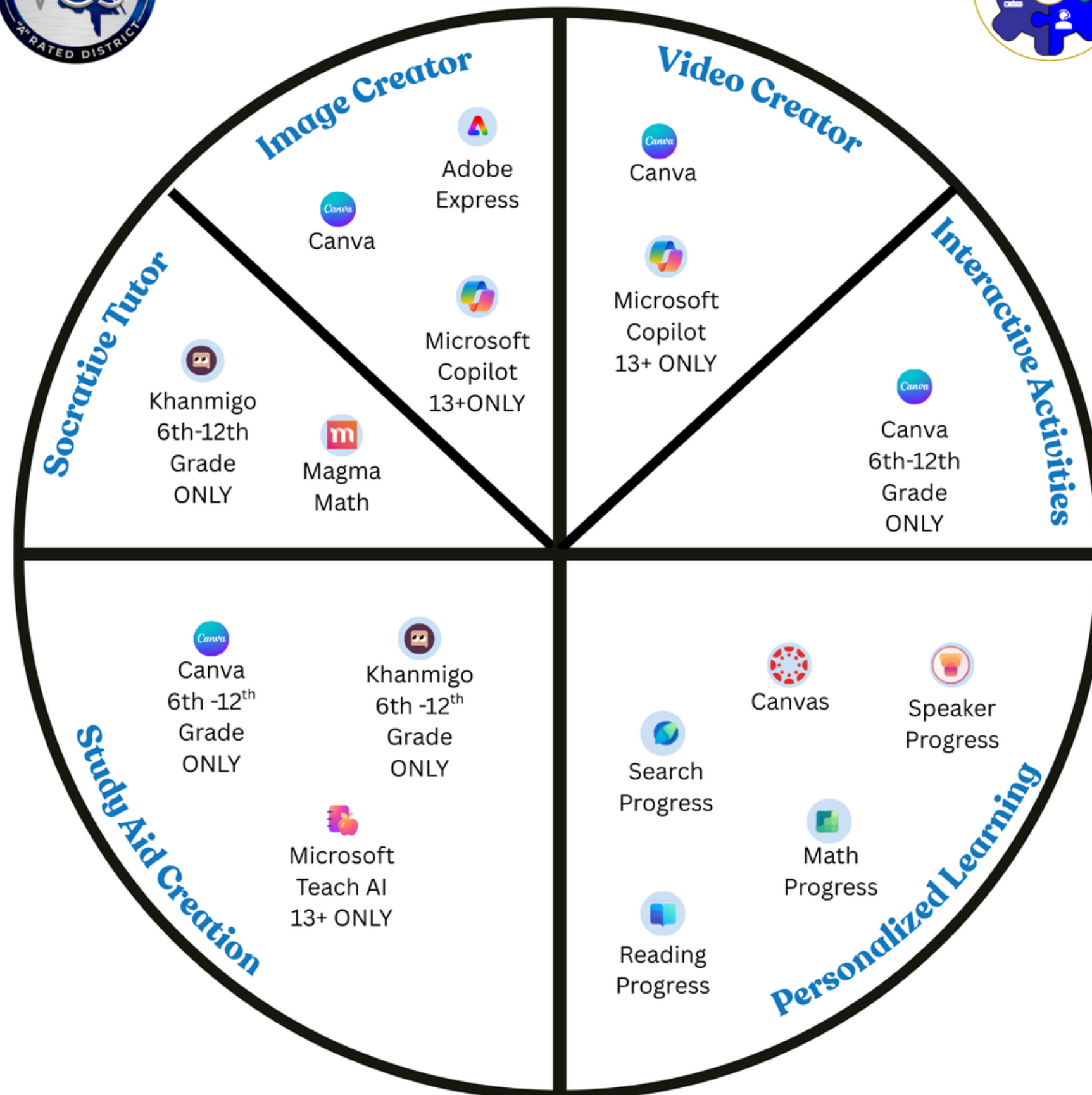
- Personalized Learning
- Socratic tutors
- Choice
- Immediate Feedback
- Creation
- Brainstorming ideas



VCS-SUPPORTED AI TOOLS



Students



Instructional & District Curriculum Staff

**I,D “Student Facing” Tools for
Personalized Learning, Part 1**

Mainland HS, MyPGS #116832

**Feb
5**

**April
2**

**“Student Facing” Tools for I,D
Personalizing Learning, Part 2**

MainlandHS, MyPGS#116835



June 9th

**Capstone Event &
Preview new tools at
Volusia LEARNS!**

at

*Mainland
High*

**SHOWCASE
CLASSROOM**

This classroom is the home of an extraordinary educator who models innovative and effective use of digital tools to improve student performance.

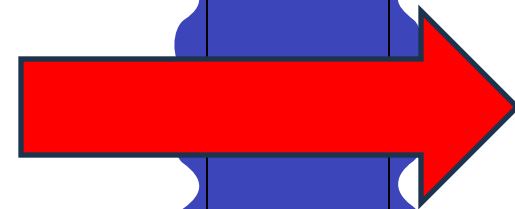


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BREAKOUT SESSION:

Teacher Facing Tools for
Planning Instruction



CHOOSE YOUR TOOL:

Canvas Ignite rm.152

Microsoft Teach rm.153

Nearpod Create rm. 157

Canva rm. 155

