

AI APPETIZERS

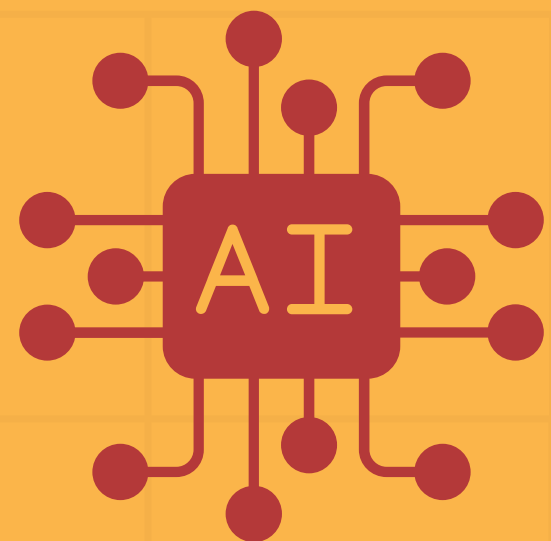
A Taste of Ethical AI for Educators

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



bit.ly/aidelights





DIGITAL DELIGHTS: BUILDING AI LITERACY FOR STUDENTS

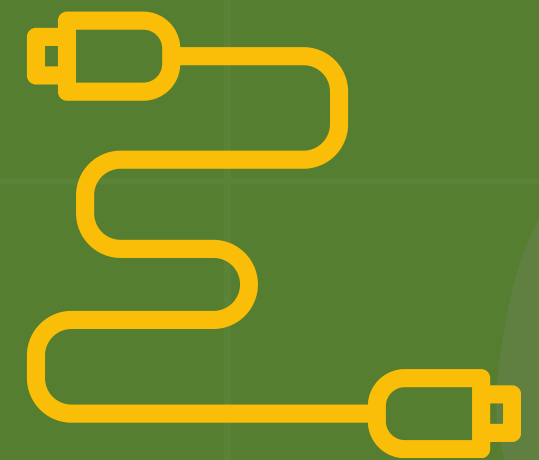
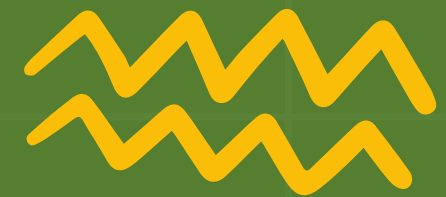
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AI LITERACY IS IMPORTANT BECAUSE...

UNMUTE OR DROP YOUR THOUGHTS IN THE CHAT!





1



God



LET'S DEFINE IT...

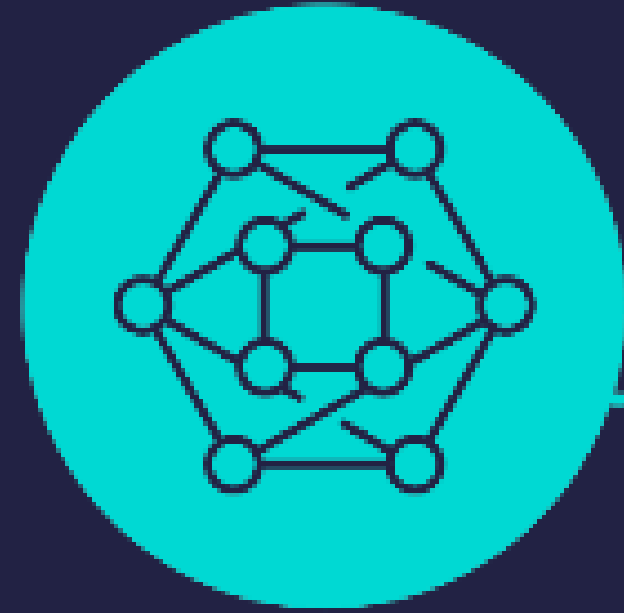
AI Literacy

The collection of skills and knowledge that a person needs to confidently understand, ethically use, and critically evaluate artificial intelligence in a world where AI is ubiquitous.

AI Readiness

The ability and underlying skills to apply AI literacy to one's professional and personal endeavors. A person is AI ready when they understand interdisciplinary impacts of AI and can apply their human advantage alongside evolving technology and leverage collaboration, creativity, and self-advocacy alongside AI to achieve their life and career potential.

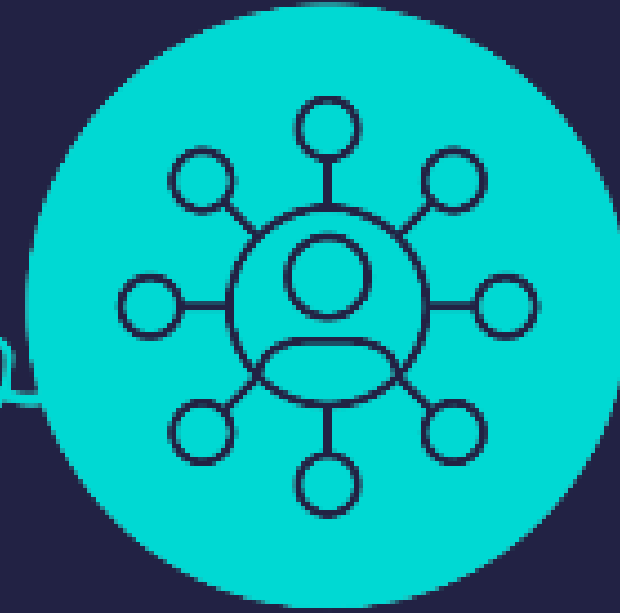




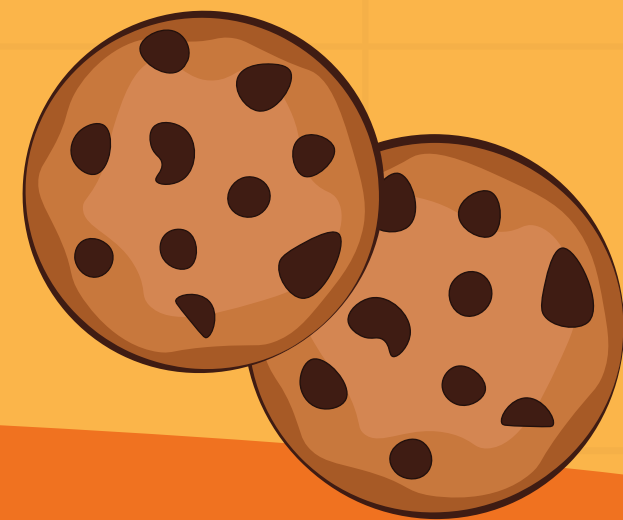
**Knowing the
basics**



**Being a critical
thinker**



**Knowing the
human advantage**





recognize bias

5 reasons to teach

DIGITAL & AI LITERACY

digital responsibility

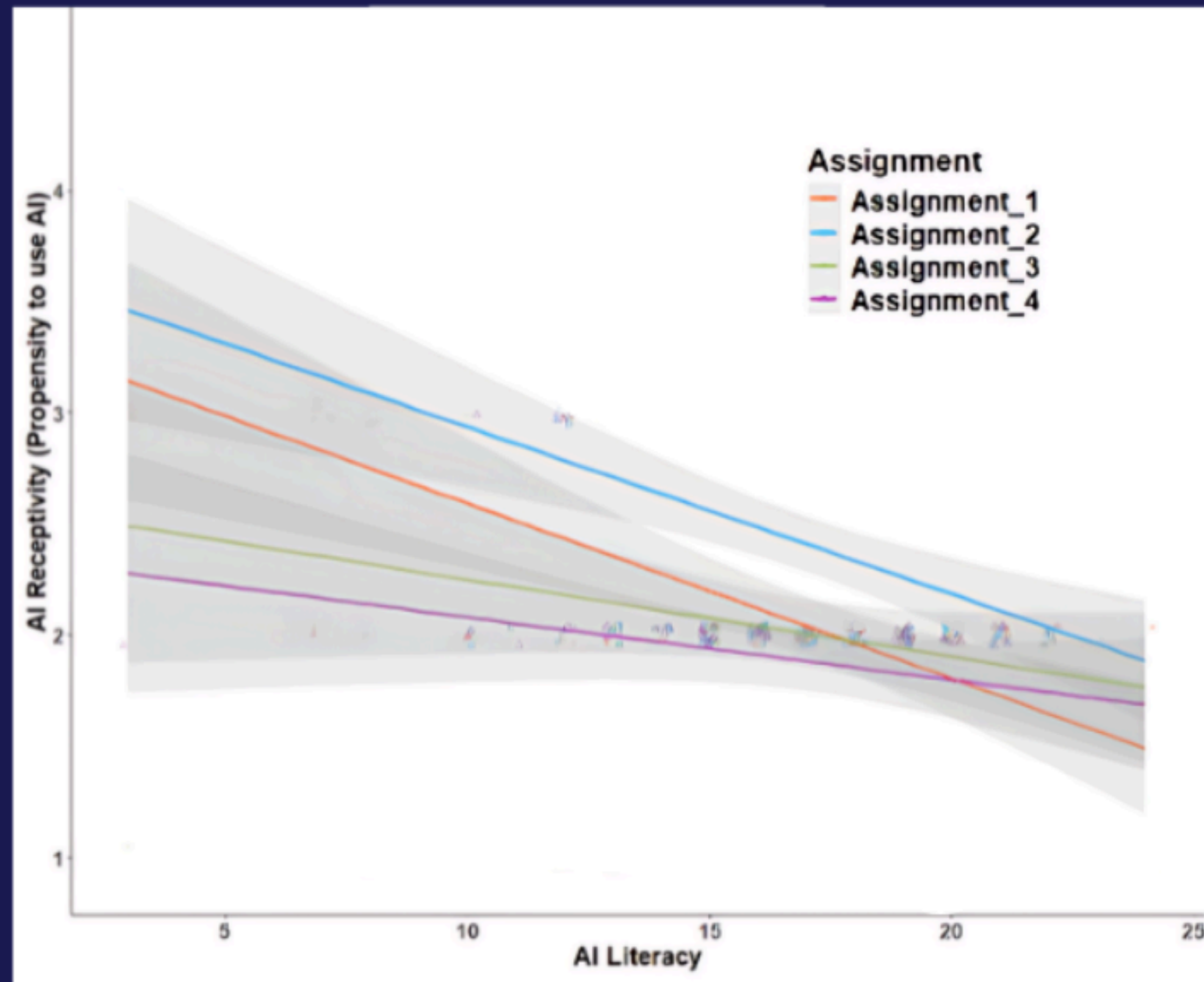
critical thinking

consumer awareness

media literacy

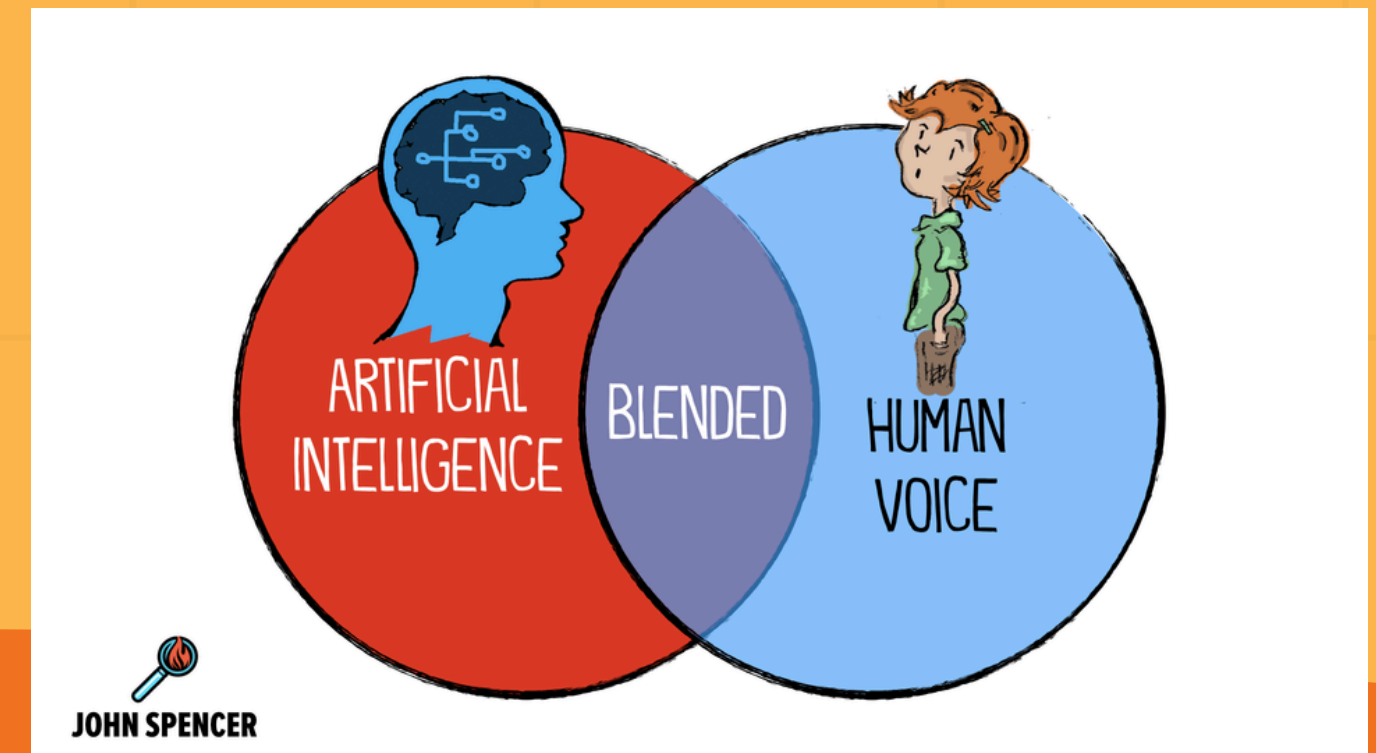
An infographic with a yellow and orange background featuring a network of yellow dots and lines. The central text reads "5 reasons to teach DIGITAL & AI LITERACY". The words "DIGITAL" and "LITERACY" are in large, bold, black letters, while "& AI" is in red. Five grey speech bubbles contain the reasons: "recognize bias" (top left), "digital responsibility" (top right), "critical thinking" (bottom left), "consumer awareness" (bottom center), and "media literacy" (bottom right). On the left, a cartoon boy in a white t-shirt and blue pants holds a smartphone. On the right, a cartoon girl in a yellow t-shirt and blue pants holds a smartphone. The background also features several white starburst graphics.

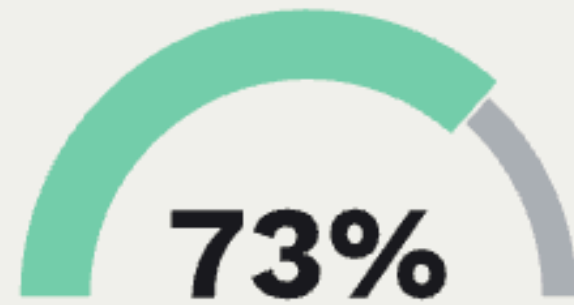
Lower AI literacy predicts higher propensity to use AI for students



Those with lower AI literacy are MORE likely to embrace AI technology, not less.

The reason? They're more likely to view AI as "magical" and experience a sense of awe when AI performs tasks.

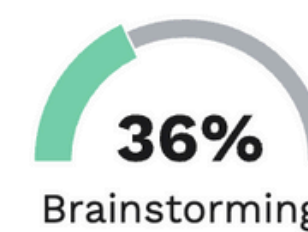
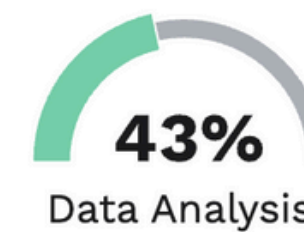
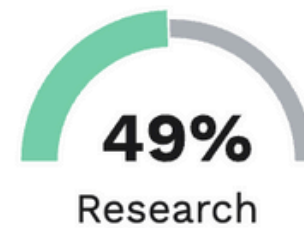




73%
of employers use GenAI
while **more than half (55%)**
of graduates said their program
did not prepare them to use
GenAI tools during their studies.



Three in four employers are using GenAI for:



**While 55% of colleges/learning
programs discouraged GenAI use**

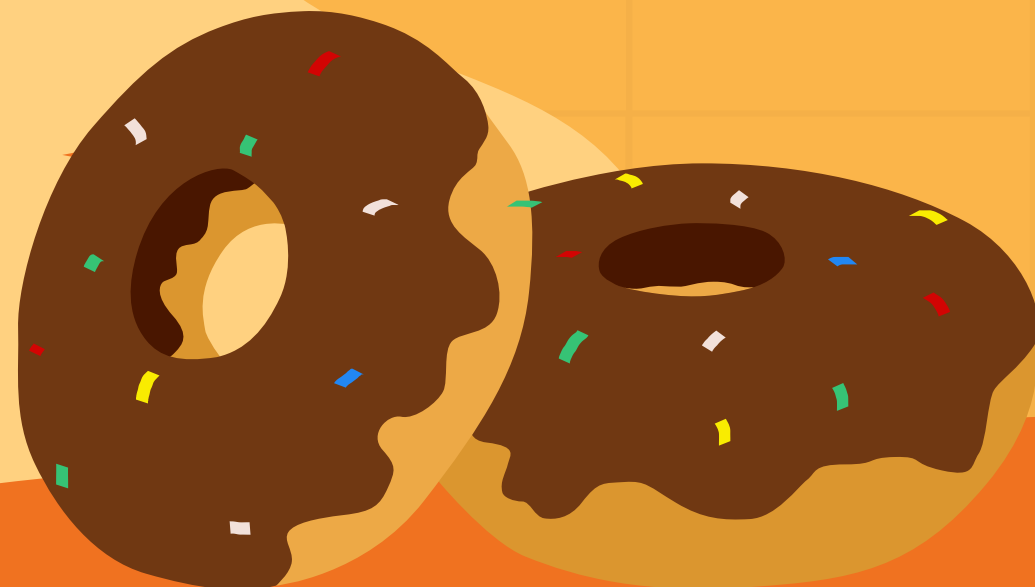
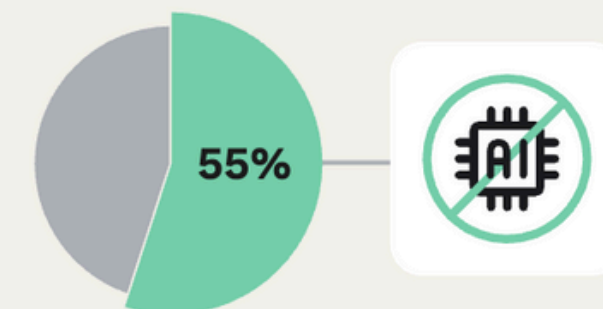


FIGURE B1.1

Demand for generative AI skills

Generative AI enrolment trend 2022-2024.

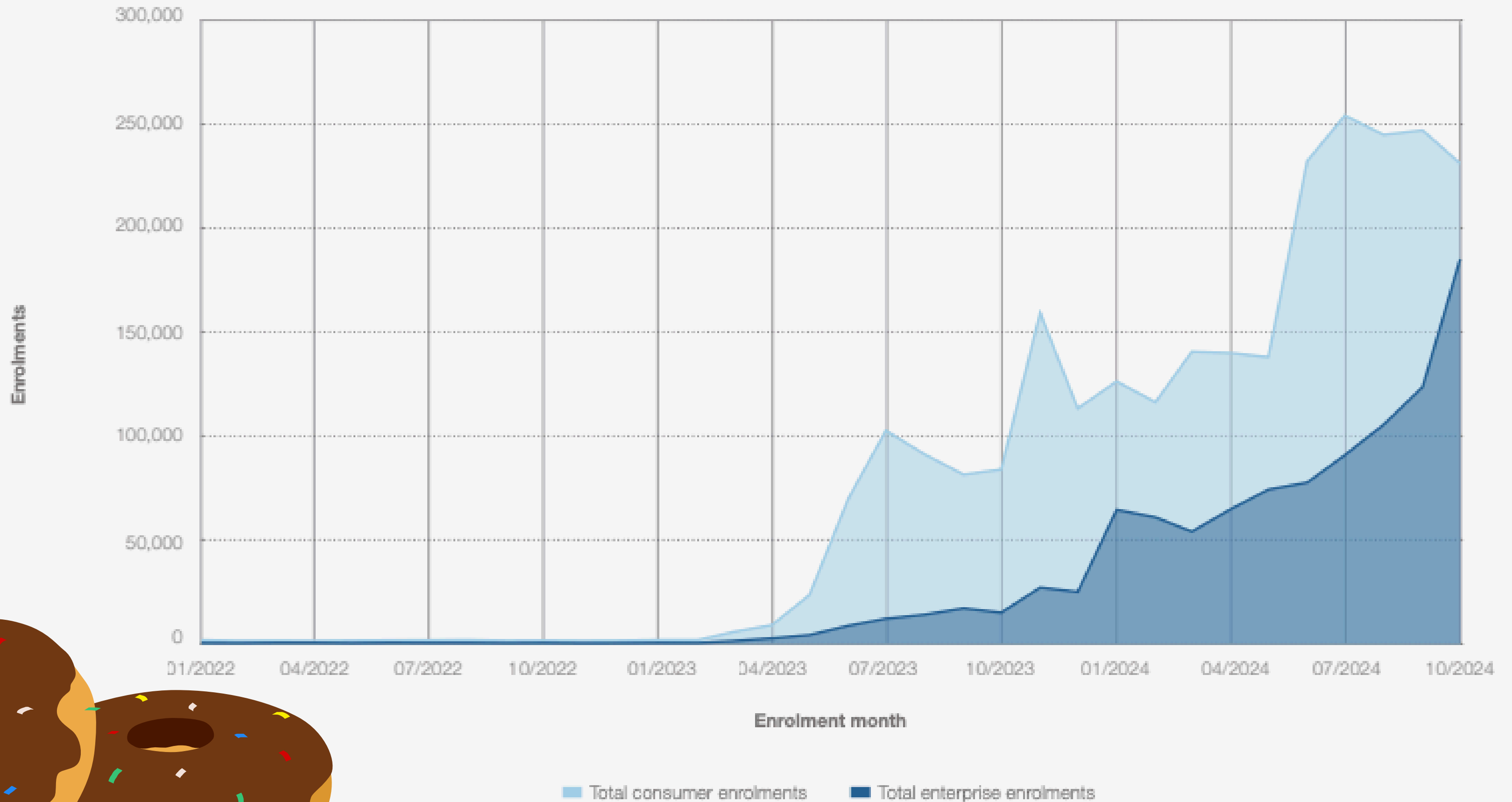
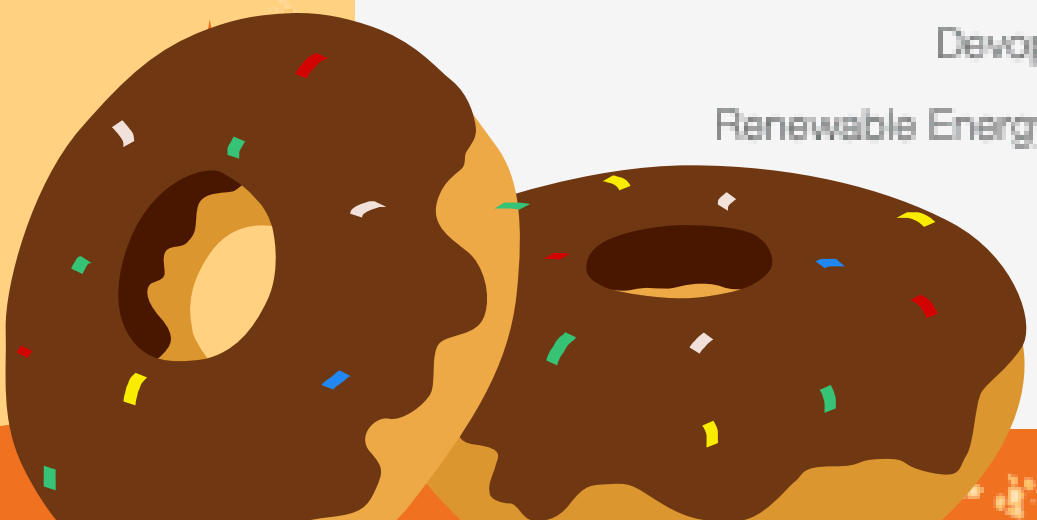
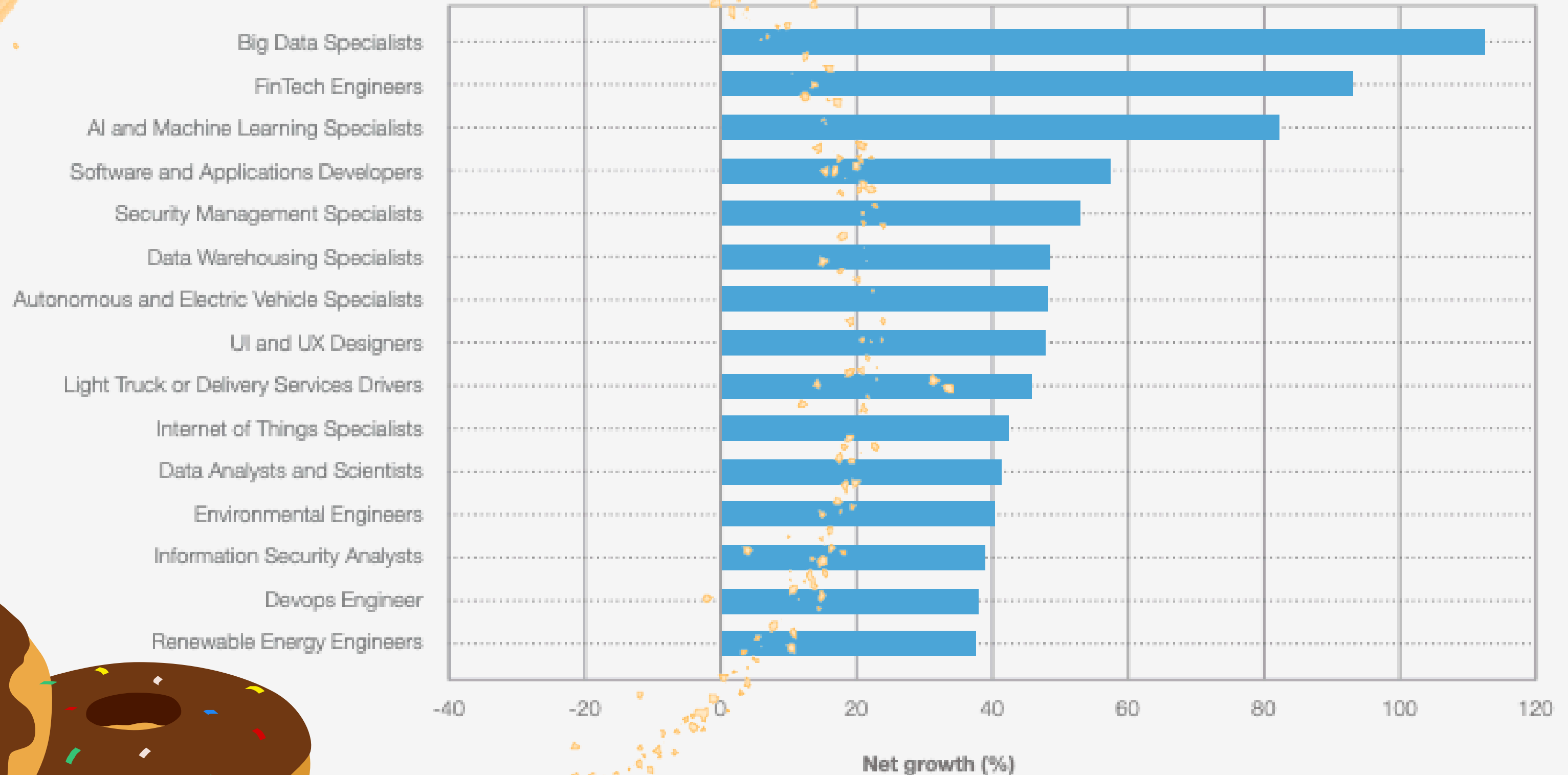


FIGURE 2.2

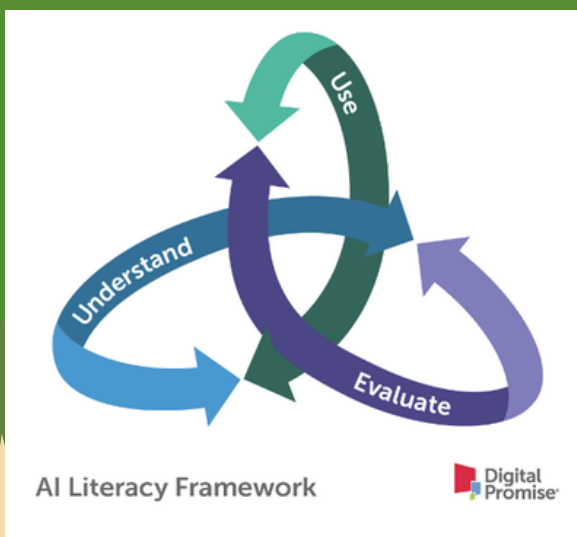
Fastest-growing and fastest-declining jobs, 2025-2030

Top jobs by fastest net growth and net decline, projected by surveyed employers

Top fastest growing jobs



AI LITERACY BITES

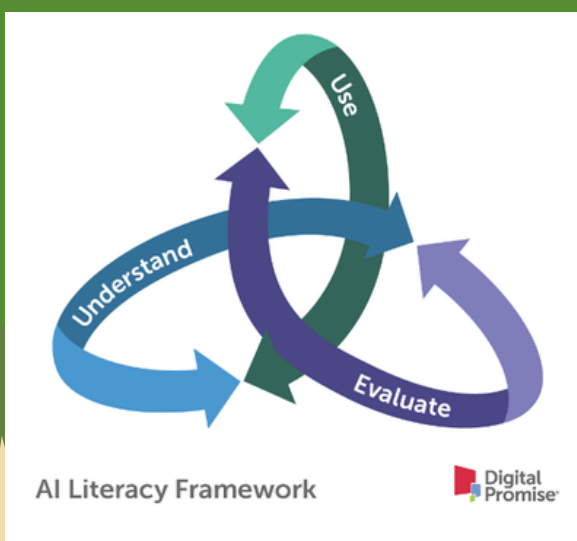


The cover of the "Elementary AI Explorations" presentation features the aiEDU logo (The AI Education Project) at the top left. The main title "Elementary AI Explorations" is written in large, bold, cyan letters. Below the title, the subtitle "AI Literacy Activities for Elementary Classrooms" is displayed in white. The central illustration depicts a vibrant, colorful scene of a city with various buildings, cars, and people, all interconnected by a network of lines, symbolizing AI and digital connectivity. At the bottom, a navigation bar shows a left arrow, the number "1" in a circle, a right arrow, and a vertical ellipsis, with the "Google Slides" logo to the right.

The cover of the "AI Snapshots" presentation features the aiEDU logo (The AI Education Project) at the top left, followed by the text "aiEDU presents". The main title "AI Snapshots" is written in large, bold, white letters. Below the title, the subtitle "40 warmups for core classrooms" is displayed in white. The background is dark blue with a network of white nodes and lines. At the bottom, a navigation bar shows a left arrow, the number "1" in a circle, a right arrow, and a vertical ellipsis, with the "Google Slides" logo to the right.



AI LITERACY BITES



Persuasive Writing Assignment
Writing Coach | Shared by Mr. Tom | Feb 24, 2025

Persuasive Writing Prompt for 6th Grade

Topic: Should students be allowed to use cell phones in school?

Background
Many schools have rules about using cell phones during the school day. Some don't allow them at all, while others let students use them during lunch or between classes. There are good reasons on both sides of this debate.

Your Task
Write a persuasive essay arguing whether students should or should not be allowed to use cell phones in school. Choose one side of the argument and try to convince your reader that your opinion is correct.

Things to Consider

- How could cell phones help students learn?
- What problems might cell phones cause in school?
- How do cell phones affect student focus and attention?

WRITING COACH
Chat is visible to your teacher.

Boost
Glow: You clearly state your opinion that students should be allowed to use cell phones, which is great for a persuasive essay!

Grow
You could expand on your reasons with more specific examples. For instance, can you think of a time when having a phone helped you or a classmate in school?

What do you think about adding more details to support your arguments?

You
I think I could understand my...

Boost
I'm glad you like examples can help phones can help...



Magic Media

Images Graphics Videos

Wait with us while we generate "Create an image of a student using a cell phone for research in school."

3 → **3-2-1 ... say honey!**

Science

Sean Cusak has an interesting resume: in addition to working as an engineer at Microsoft, he's also a **beekeeper**. Recently, Sean created a mini bee photo booth, which **snaps a pic** every time something enters one of his beehives, using AI to **determine** if it was a **bee** or a **pest**.

What other **applications** of this **tool** can you **imagine** beyond identifying beehive pests?



AI LITERACY BITES



AI in Education 101 for Parents

GenAI Chatbots work by predicting the next word based on their training data, not by actually understanding language. GenAI tools are computing, not thinking.

AI is changing how we learn and work

- Nearly 80% of K-12 students report using ChatGPT weekly
- 82% of employers believe that employees should possess AI literacy skills

Uses in Education

- Personalized Learning
- On-demand Feedback
- Enhanced Creativity
- Language Support
- Accessibility

Common GenAI Tools

- ChatGPT
- Microsoft Copilot
- Claude
- Grammarly Go
- Google Gemini
- Character.ai

Limitations

- Bias
- Hallucinations
- Age-appropriate use

Questions for Parents to Ask Schools

1. Is there a clear policy in place governing students' use of AI tools?
2. How do teachers integrate AI tools into their lessons, and how do they ensure students are using them responsibly?
3. What are the potential risks of AI tools, and how do you address them?
4. How do you ensure that AI tools are used in a way that supports student learning and development?
5. How do you ensure that AI tools are used in a way that is safe and secure?
6. How do you ensure that AI tools are used in a way that is ethical and responsible?

AI in Education 101 for Parents: Cheat Sheet & Top Questions to...

We've seen a growing recognition of the crucial role parent communication play...

AI for Education / Nov 22, 2024



Helping Kids Navigate the World of Artificial Intelligence

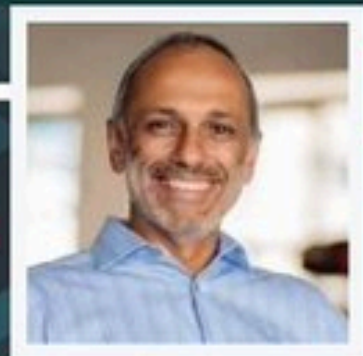
Ways to explore the latest tech with children and guide them to use new tools responsibly. Advice from Common Sense Media editors.

Common Sense Media





Real education transformation comes when teachers understand how AI can enhance student learning and when students learn how to use and create responsibly with AI across subjects."



KARIM MEGHJI

AT SXSW

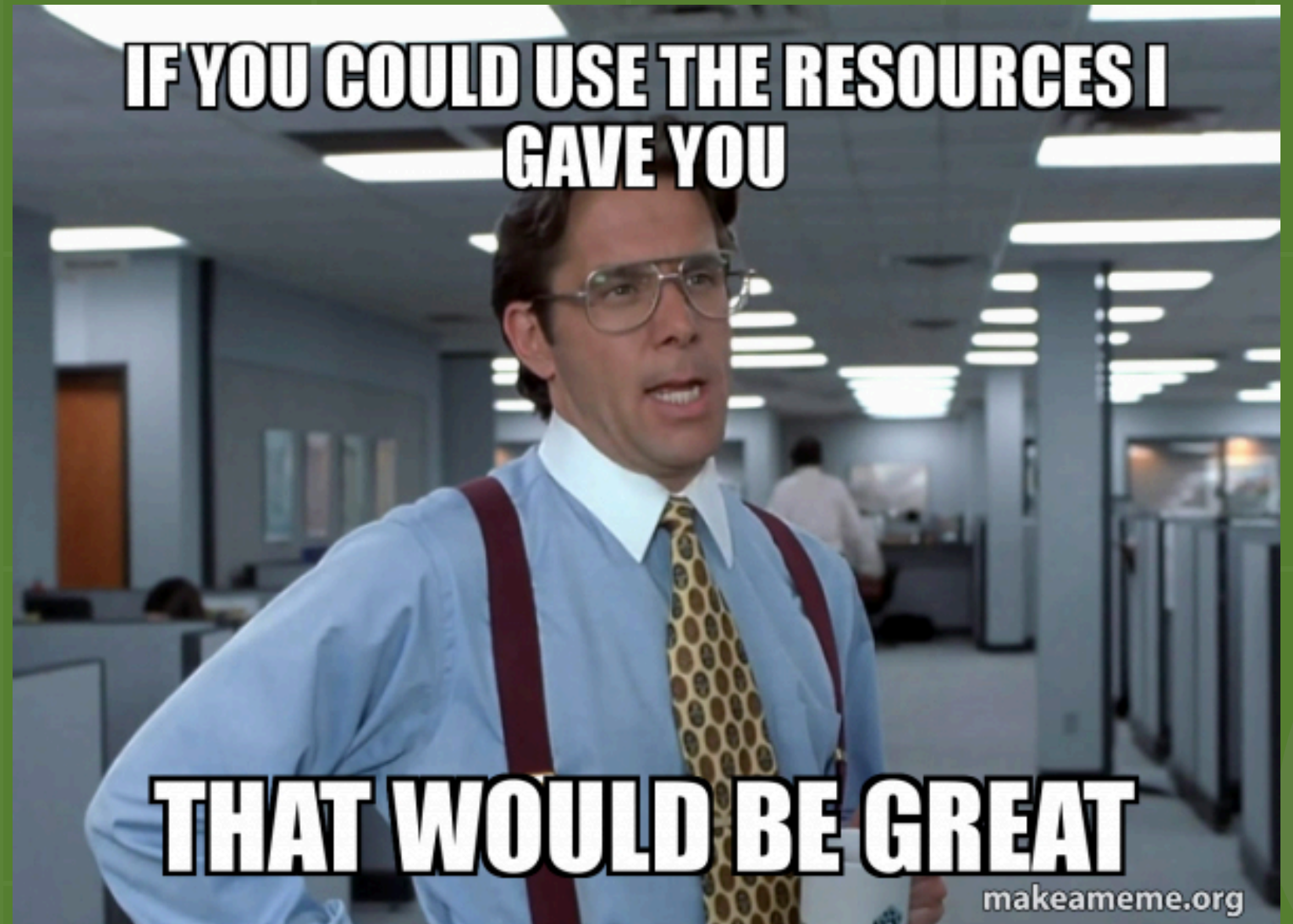
NEXT WEEK



**Try one of the AI literacy activities with
your students next week.**



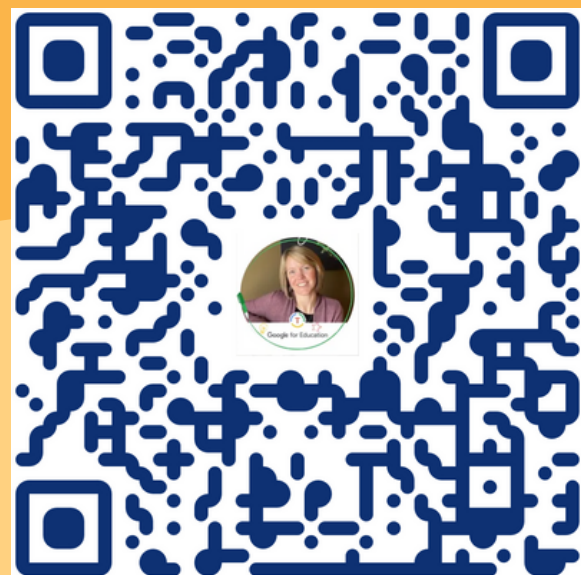
✦ bit.ly/aiappetizerspadlet ✦



CHRISTINE DANHOFF



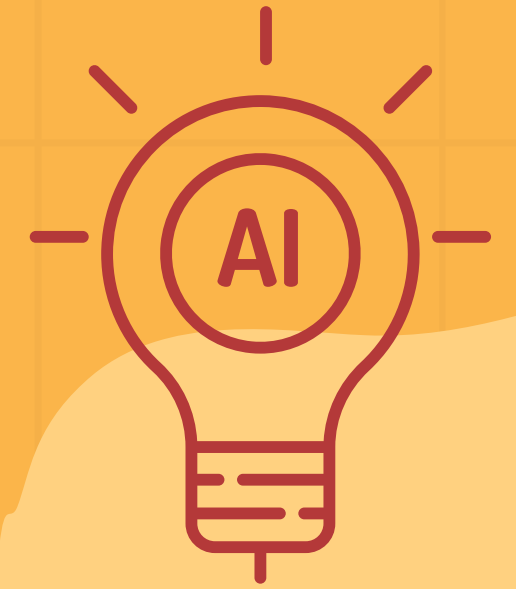
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THANK YOU!



Book some time with me!

