



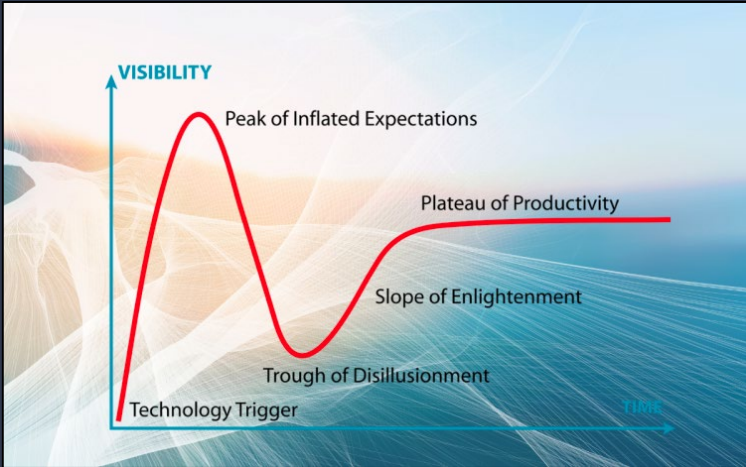
Artificial Intelligence (IA) in K- 12 Schools

This presentation provides a snapshot of Artificial Intelligence (AI), its status in K12 schools, and its potential impact on education.

BUSD Goals

1. **Students will be career/college ready via high - quality instruction of State Standards** as measured by State, federal, and District assessment tools including the California Dashboard with success as indicated in the metrics which defines targets for each metric by the end of the 2020 - 21 school year.
2. **Students will be physically, emotionally, and mentally healthy and supported through Parental Involvement** as measured by State, federal, and District assessment tools including the California Dashboard with success as indicated in the metrics which defines targets for each metric by the end of 2021 - 22 school year.
3. **Recruit and retain quality employees** as measured by full employment of teaching staff with appropriate credentials and placed in appropriate assignments following Williams compliance by September 1, 2021, depending on clearance requirements (i.e., fingerprinting).
4. **Efficient and effective operations as measured by appropriate facilities** especially classrooms that are conducive to the needs of the instructional program from the first day of the school year meeting Williams facilities requirements.

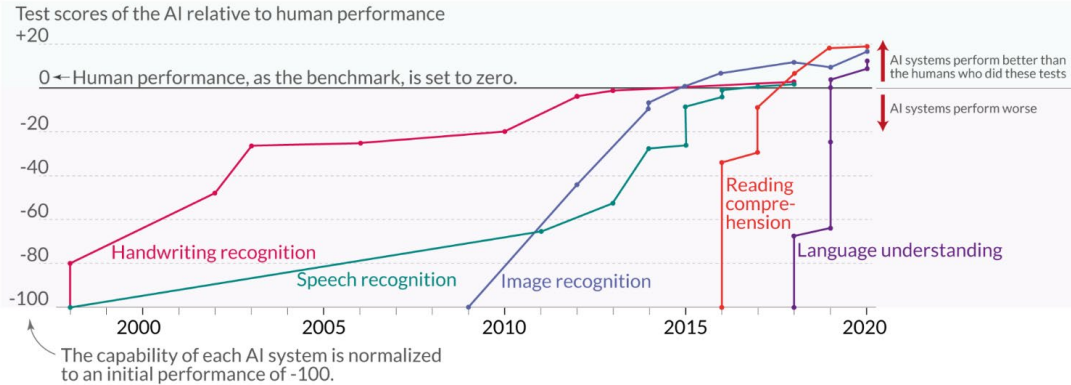
What is Artificial Intelligence?



Gartner Hype Cycles

What is new on the scene?

Language and image recognition capabilities of AI systems have improved rapidly



Data source: Kiela et al. (2021) – Dynabench: Rethinking Benchmarking in NLP
OurWorldinData.org – Research and data to make progress against the world's largest problems.

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<https://ourworldindata.org/brief-history-of-ai>

Disruptive Technology

A disruptive technology overturns a traditional business model, which makes it much harder for an established firm to embrace.



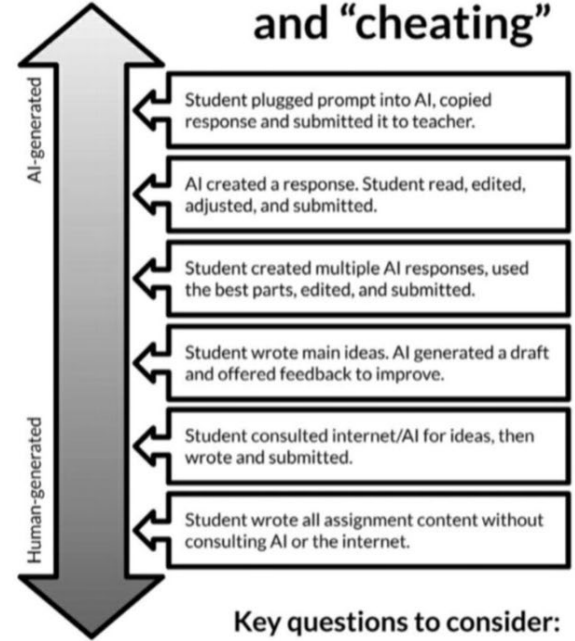
Challenges

Our sense is that generative IA feels deeply threatening to many faculty because it seems to co-opt the forms of assessment that are integral to their teaching ...And that can feel like having to start from scratch as a professional.

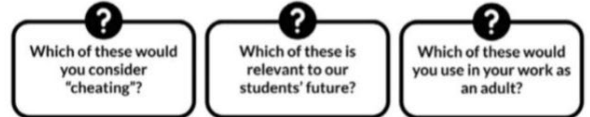
Misrepresentation of Student Work?

- Which of these would you consider Cheating?
- Which of these reinvent our students' future?
- Which of these would you use in your work as an adult?

Rethinking “plagiarism” and “cheating”



Key questions to consider:



Faculty need to help students understand responsible use in their courses and evaluate judgement that supports disciplinary learning goals.

Discussion

What ideas do you have?

What concerns do you have about AI in classrooms?

How would you like to see AI used now?

How do you see AI being used in classrooms in the future?