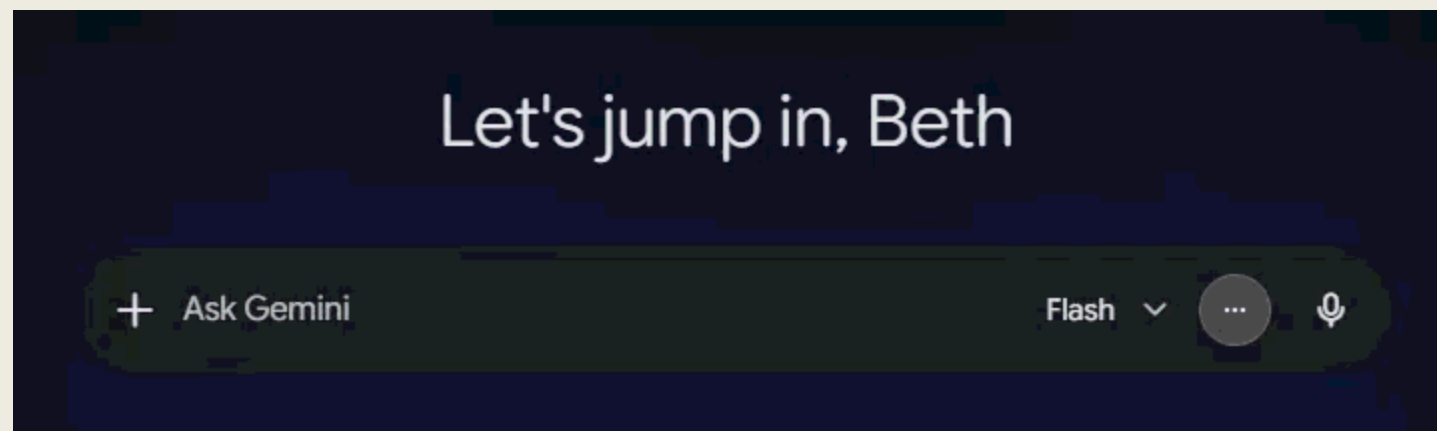




UNIVERSITY OF
CANBERRA

Beyond Detection: Generative AI, Dialogue and the Future of Learning

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46.5
HOURS / WEEK AVERAGE

Australian Teacher Workloads and AI

Australian workloads are 5.5 hours above the global average. Standard grading burdens eat up 6 to 8 hours per week.

With **66% of surveyed teachers actively using AI** to cope (30% higher than the global norm), AI is integrated not out of novelty, but survival.

83% of Australian students are using AI in their studies.

"Generative AI is not like a calculator at all."

— PROFESSOR JASON LODGE, TEQSA

1930S

The Radio Era

Hailed as the "Textbook of the Air" for classrooms.

1980S

Personal Computer

Promised entirely student-led cognitive growth.

1913

Edison's Movies

Declared standard books completely obsolete.

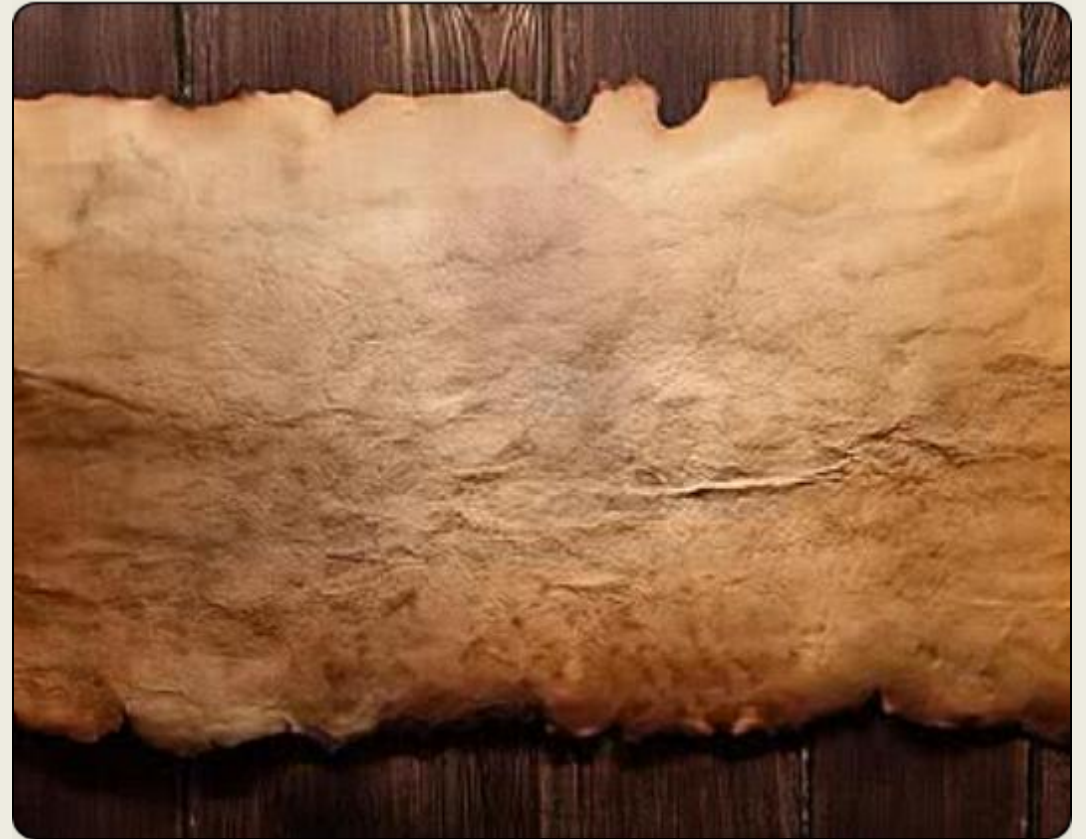
1950S

Mass Broadcast TV

Rolled out globally to automate lecturing.

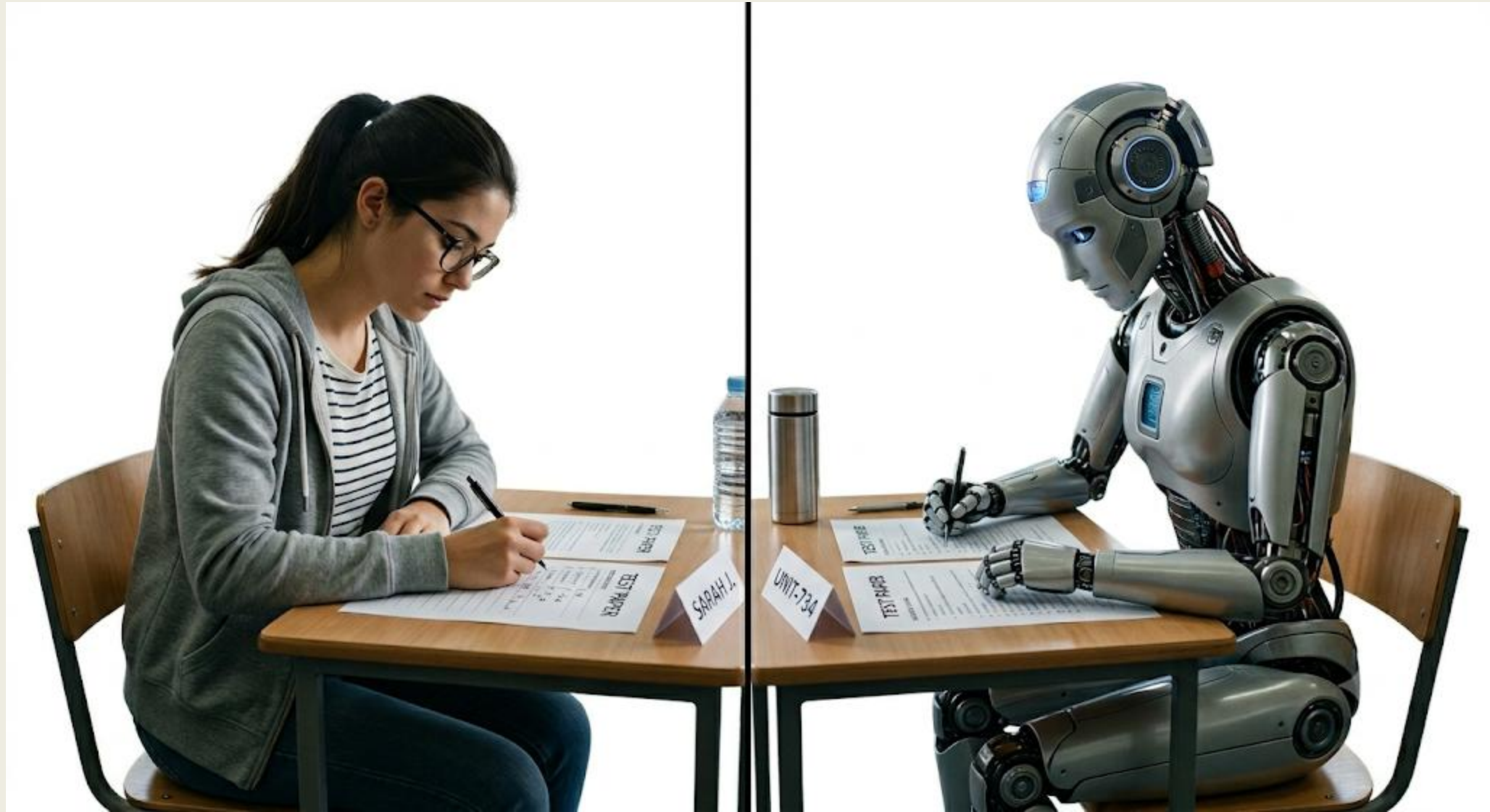
"It will implant forgetfulness in their souls."

2,400 years ago, Socrates fiercely opposed **writing**, arguing it offered an "illusion of wisdom."



We conflate shifts in mental load
with the erosion of intelligence itself.







The Copyist

Carefully transcribing word-for-word from Encyclopaedia Britannica entries in Year 5.



The Designer

Relying on flashing transitions, screeching tyres sound effects, and premium WordArt in PowerPoint.



The Prompter

Generating polished essays with correct references via one-click chatbots.



Shifting from **production** to **dialogue**.



-  **Do not give me direct answers:** Explicitly instruct the AI system to challenge your baseline thinking and ask one question at a time.
-  **Introduce competing arguments:** Force the system to construct counterpoints, exposing logical gaps and requiring active defense.
-  **Retain processing struggle:** Rather than rewriting text blocks, use the AI exclusively to isolate which underlying criteria need human revision.

"Are they actively present?"

Thank you.

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