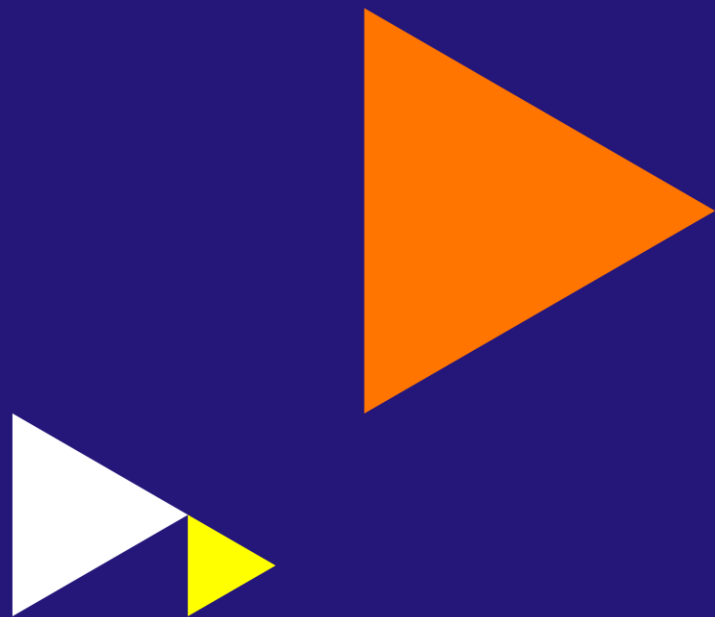




# Toetsdesign ten tijde van generatieve AI

Naam: Dr. Izaak Dekker

Datum: 06-11-2025



# Credits



- Phillip Dawson
- Thomas Corbyn
- Margaret Bearman
- Jack Walton
- David Boud
- Joanna Tai

# Veel studenten gebruiken GenAI

## Are students using AI?

I use AI for my studies

83%

I use weekly or daily for my studies

44%

I believe AI offers significant benefits to students

64%

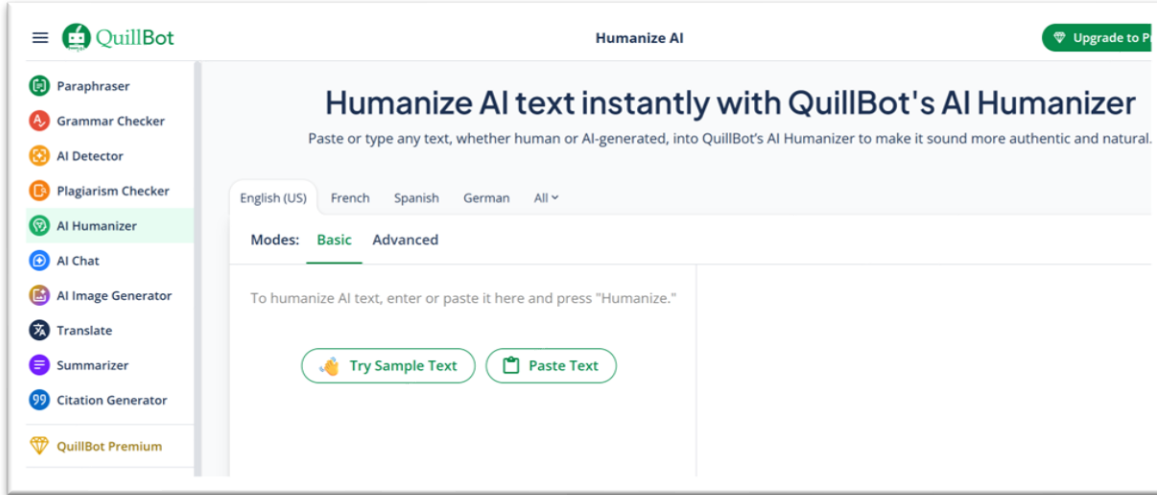
I use AI to help with accessibility challenges

18%

## Main Uses for GenAI

- Editing or Improving Writing (70%)
- Generating Ideas (65%)
- Summarising (54%)
- Teacher (50%)
- Getting Feedback (49%)
- Finding Sources (47%)

# Detecteerbaarheid



Het is moeilijk of zelfs onmogelijk om genAI betrouwbaar te detecteren (Fleckenstein et al., 2024).

# Wat betekent dit voor toetsontwerp?

# Assessment matters, but so does what is assessed



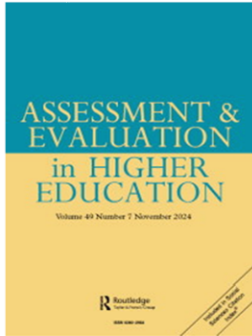
## Principe 1

Assessment die studenten helpt voor te bereiden om actief en ethisch verantwoord te functioneren in een wereld vol genAI

## Principe 2

Betrouwbare oordelen vormen over studenten ten tijde van genAI vereist meerdere inclusieve en gecontextualiseerde vormen van toetsing





## Assessment & Evaluation in Higher Education



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# Validity matters more than cheating

Phillip Dawson, Margaret Bearman, Mollie Dollinger & David Boud

ASSESSMENT & EVALUATION IN HIGHER EDUCATION  
2025, VOL. 50, NO. 7, 1087–1097  
<https://doi.org/10.1080/02602938.2025.2503964>

 **Routledge**  
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 Check for updates

## Talk is cheap: why structural assessment changes are needed for a time of GenAI

Thomas Corbin<sup>a</sup> , Phillip Dawson<sup>a</sup>  and Danny Liu<sup>b</sup> 

<sup>a</sup>Centre for Research in Assessment and Digital Learning (CRADLE), Deakin University, Melbourne, Australia;  
<sup>b</sup>DVC Education Portfolio, The University of Sydney, Sydney, Australia

# AI als scaffold of 'Reverse scaffolding'?

- Eerst laten zien dat je het zonder genAI kan
- Daarna mag je het –met hogere eisen- toepassen

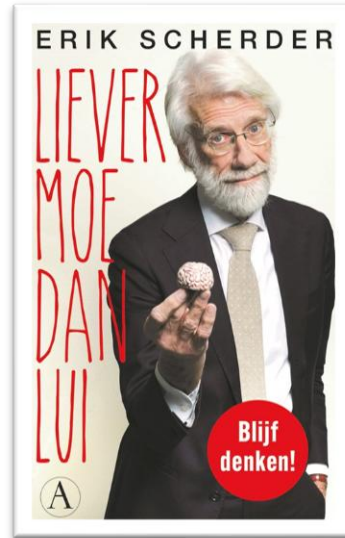


# Generieke LLM's zijn niet pedagogisch

- LLM's zijn please-machines;
- Pedagogiek of opvoeding betekent beredeneert grenzen aangeven en aanzetten tot het zelf leren doen;
- Educatieve AI kan dit mogelijk wel.



# Intrinsic or Extraneous load?



# Evaluatie

HOME TECHNOLOGY **TECH NEWS** TECH REVIEWS GADGETS

E-PAPER DECODED OPINION

Home / Technology / Tech News / Deloitte's AI fiasco: Why chatbots hallucinate and who else got caught

## Deloitte's AI fiasco: Why chatbots hallucinate and who else got caught

ASSESSMENT & EVALUATION IN HIGHER EDUCATION  
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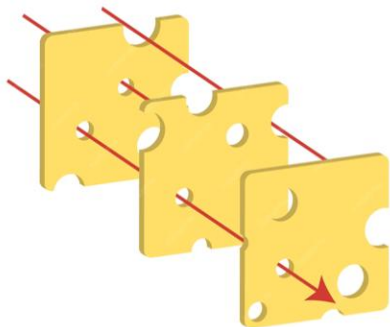
**How university students work on assessment tasks with generative artificial intelligence: matters of judgement**

Jack Walton , Margaret Bearman , Nicole Crawford , Joanna Tai   
and David Boud 



# Advies

## SWISS CHEESE MODEL



- Kijk naar het complete toetsplan
- Spreid de risico's
- Vervang niet alles met mondelinge examens
- Denk telkens aan de validiteit voor het beroep
- Kies een paar strategische momenten voor tegengaan van afhankelijkheid

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