



# Preserving Trust and Authenticity in Performance Tasks

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# CENTRAL TENSION

In Secondary 3 English Language classrooms, traditional assessments often isolate skills into passive comprehension, missing the authentic multimodal communication required in today's world.



# Why It Matters

SINGAPORE: As artificial intelligence (AI) becomes more deeply embedded in classrooms and workplaces, students must remain grounded in fundamentals such as critical thinking, said Education Minister Desmond Lee on Tuesday (Mar 3).

“AI has been developing rapidly and is increasingly embedded into everyday systems around us,” he said.

“If we’re not mindful, we may lose the consciousness in detecting the presence of, and influence that AI has in our decision making and ways of thinking, simply because it works so seamlessly. So development of AI literacy is critical and must be timely.”



# Why It Matters

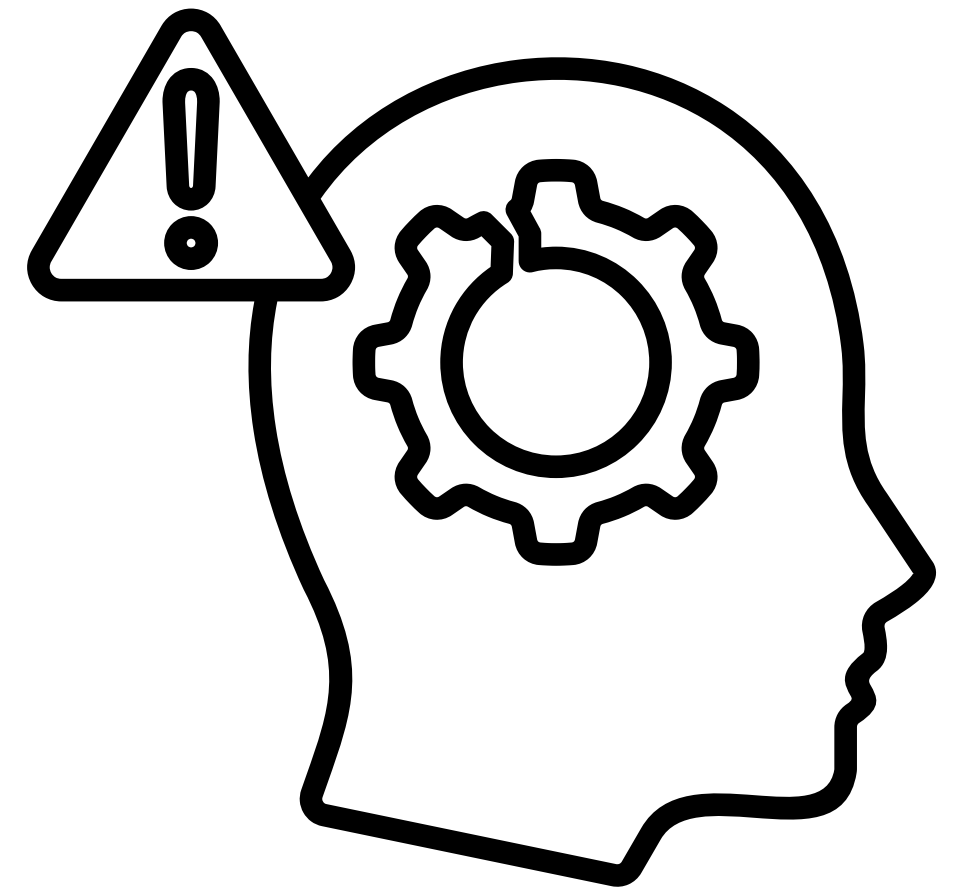
- By integrating **Teacher-Governed AI**, we turn AI-generated voiceovers into tools for authentic expression in alternative assessment, ensuring human critical thinking remains the core evaluation criteria.

# Problems



# Our Fears

- **Cognitive Offloading**
  - Opportunities for critical engagement with real-world issues may be reduced.



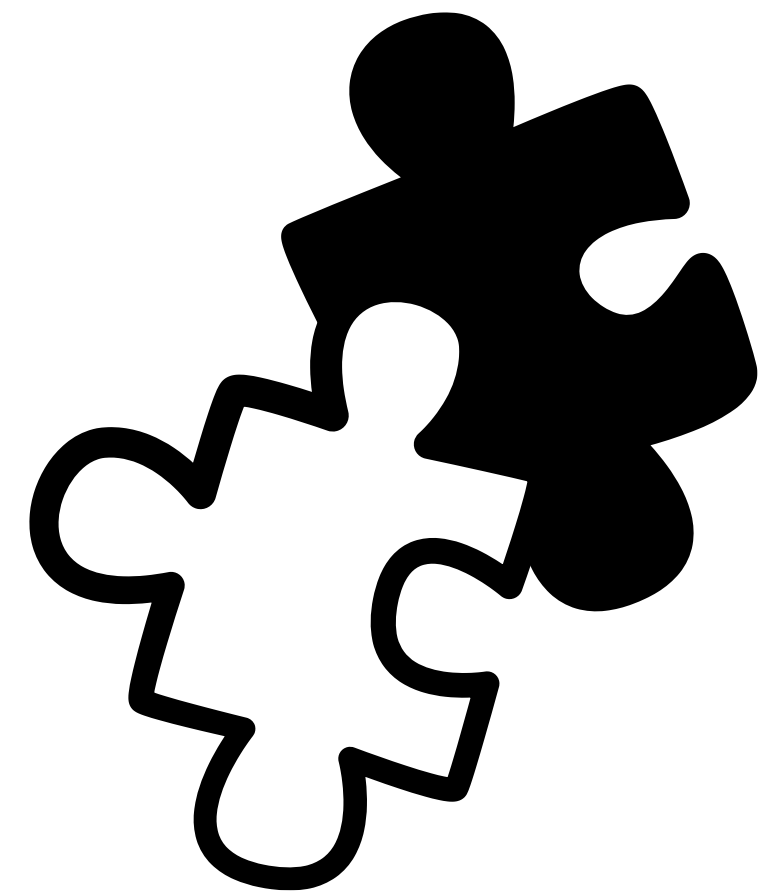
# Our Fears:

- **Loss of student's voice**
  - Students may have fewer opportunities to develop their own voice, rhetorical choices and sense of audience.



# Our Fears

- **Reduced Authenticity of Learning**
  - A polished AI-generated product may conceal the intended learning process.



# Solutions - Students Onboarding



# Guideline 1

- Respect ownership
  - No plagiarism of existing artists or copyrighted works
  - Use references for inspiration



# Guideline 1

ADVERTISEMENT

Mar 2025

ENTERTAINMENT

## ChatGPT's viral Studio Ghibli-style images highlight AI copyright concerns

A new version of ChatGPT allows users to transform popular internet memes or personal photos into the distinct style of Ghibli founder Hayao Miyazaki.

- Prompt: “Transform this image into a classic, hand-drawn 1990s anime animated illustration.”
- Instead of “Transform this image into a hand-drawn Studio Ghibli animated illustration.”



# Guideline 2

- **Avoid harmful stereotypes**
  - cultural misrepresentation
  - disrespecting religious & sacred symbols
  - disability / body image stereotypes



# Guideline 2

- Prompt: “A person with disability”

## Not just a wheelchair: Disability representation in AI

November 19, 2024

CREATE Ph.D. graduate Kelly Avery Mack led research that investigated how AI represented people with disabilities. Specifically, Mack’s team wanted to know if AI-produced images and image descriptions perpetuated bias or showed positive portrayals of disability.

The team included four research scientists from Google Research: [Rida Qadri](#), [Remi Denton](#), new CREATE Advisory Board member [Shaun K. Kane](#), and [Cynthia L. Bennett](#), Ph.D., UW Human Centered Design and Engineering.



AI-generated images demonstrating the over representation of wheelchairs in response to the prompt “a person with a disability.”

July 2026

# Guideline 3

Outcry as Meta lets users make AI images from public Instagram profile pics

- **Protect privacy**
  - No prompts based on real people, without permission



# CLEAR Framework

Check originality  
Language sensitivity  
Ethical reference  
Appropriate content  
Respect boundaries

Piloted in selected Secondary EL classes this year  
--> Expanding to dept-wide adoption across the  
classes next year.



# As a team, what did we do?



# From Real-World Issue to Multimodal Impact



**1. Active Listening**  
(Audio Stimulus)



**2. Note-Taking**  
(Information Extraction)



**3. Student Reporter**  
(Social Media Post)

## Silver Stories

| Problems of Social isolation and loneliness                                                                                                                                                                        | National Support Programmes                                                                                    | The Role of Students                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cause 1</b><br>changing family structures<br>LD live alone because children go to start families.                                                                                                               | <b>Community Befriending</b><br>- focus on deep 1-on-1 relationships<br>- <i>too few details!</i>              | <b>Use of Technology</b><br>- bridge the digital divide<br>(teach how to use smartphones, text, plan to create video vlogs)                                     |
| <b>Cause 2</b><br>retirement<br>loss of daily workplace interaction and social connections.                                                                                                                        |                                                                                                                |                                                                                                                                                                 |
| <b>Negative Impacts</b>                                                                                                                                                                                            |                                                                                                                |                                                                                                                                                                 |
| <b>Mental Impact</b><br><del>high stress levels</del><br><del>increased risk of depression</del><br>- speaks up more<br>- helps seniors take control of their lives<br>- helps seniors take control of their lives | <b>Active Ageing Centre</b><br>- lively social hub at HDB<br>- low impact exercises, crafts classes, bookgasts | <b>Daily Behaviour</b><br>- practicing neighbourly smiling, holding lift door, striking up a brief two minute conversation to make a senior feel seen or valued |
| <b>Physical Impact</b><br><del>high stress levels</del><br>- high stress levels weaken immune system and chronic health                                                                                            |                                                                                                                |                                                                                                                                                                 |

**DRAFT 1**

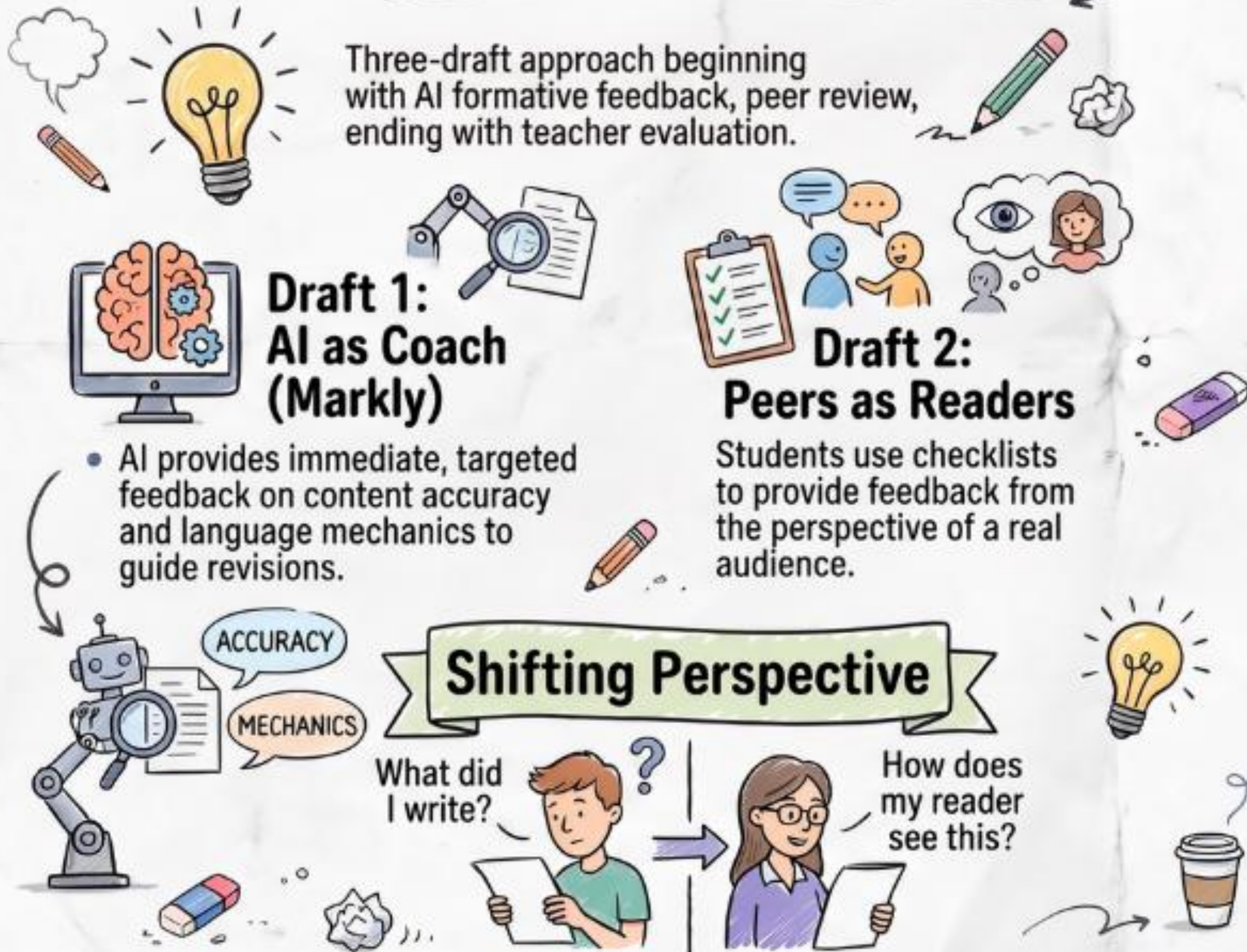
## Silver Stories

| Problems of Social isolation and loneliness                                                                                            | National Support Programmes                                                                                                                                                                                                                         | The Role of Students                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cause 1</b><br>changing family structures<br>- adult children move to start families                                                | <b>Community Befriending</b><br>- focus on deep 1-on-1 relationships<br>- local volunteers are matched with vulnerable seniors living in the same neighbourhood to visit their homes regularly, chat, check on their well-being, help buy groceries | <b>Use of Technology</b><br>- bridge digital divide rather than building complex apps or writing computer code for seniors.<br>- migrate smartphones, text, share photos, take video calls allow them to stay in touch with relatives.                                                 |
| <b>Cause 2</b><br>retirement<br>- sudden loss of workplace interaction                                                                 |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                        |
| <b>Negative Impacts</b>                                                                                                                |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                        |
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| <b>Physical Impact</b><br>- high stress levels<br>- high stress levels weaken immune system and chronic health                         |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                        |

**DRAFT 2**

# The 3-Stage Writing Journey: From AI Coach to Teacher Assessment

## Phase 1: Formative Growth (Drafts 1 & 2)



# The 3-Stage Writing Journey: From AI Coach to Teacher Assessment

## Phase 2: Summative Performance (Final Draft)



### Independent Production

Students produce their final response under exam-like conditions using insights from previous drafts.



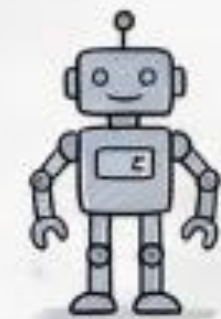
### Teacher as Assessor

The teacher evaluates the final piece and awards a formal grade.



### Reduced Grading Overhead

Automated tools and peer reviews allow teachers to focus on the final assessment stage.



Gemini

## 1 Social isolation and loneliness among the elderly in Singapore

1 2 Did you know that retirement is one of the main cause of problems of social isolation and loneliness? Social isolation and loneliness is a major issue among the elderly and we need to help these seniors live a fuller life.

## DRAFT 1

- Wordy hook phrasing
- Abrupt ending

## DRAFT 2

- Streamlines hook to "one of the main causes of social isolation."
- Clear role
- Clear transition "I'm sharing this..."

Did you know that retirement is one of the main causes of social isolation and loneliness? Social isolation and loneliness are a major issue among the elderly and we need to help these seniors live a fuller life. As your fellow student reporter, I am sharing this to raise awareness and show you <sup>on</sup> how we can make a difference for the seniors around us.

## DRAFT 3

- Use stronger action verbs for audience

Did you know that retirement is one of the main causes of social isolation and loneliness? Social isolation and loneliness are a major issues among the elderly and we need to help these seniors live a fuller life. As your fellow student reporter, I am sharing this to raise awareness and show you <sup>on</sup> how we can make a difference for the seniors around us.



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## DRAFT 3

- Use stronger action verbs for audience engagement

Did you know that retirement is one of the main causes of social isolation and loneliness? Social isolation and loneliness are a major issues among the elderly and we need to help these seniors live a fuller life. As your fellow school reporter, I am sharing this to raise awareness, and encourage you on how we can make



# Use of AI in task design



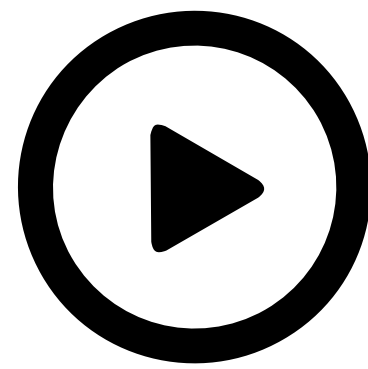
# Phase 1: Designing the Stimulus



# Why Claude?

- **Tailored Tone:** Flexes easily between formal letters and casual emails based on the target audience.
- **Consistent Style:** Captures and maintains the exact required voice and register throughout.
- **Strict Adherence:** Follows all prompt guidelines faithfully without making up details.

# Listen to the difference.



TTSFree



# Phase 2: Evaluating & Coaching the Student Output



# Markly

**What It Is:** A proprietary MOE AI-powered formative assessment platform.

**How It Helps:** Calibrates to a teacher's marking style to batch-mark scripts, providing instant feedback on language mechanics and content accuracy while reducing grading overhead.

**Guardrail & Access:** Controlled pilot phase within selected local Singapore schools.

# ChatGPT, Gemini

- **What It Is:** Freely available, multi-purpose foundational AI models.
- **How It Helps:** Enables teachers to quickly generate rubrics, draft qualitative comments, and run student-led AI peer-review exercises.
- **Guardrail & Access:** Universally accessible across ASEAN contexts; relies on student critical questioning and CLEAR prompt literacy.

# Scribo

- **What It Is:** A specialized commercial writing analytics and feedback platform.
- **How It Helps:** Delivers automated, real-time formative feedback on writing structure, language conventions, and content precision.
- **Guardrail & Access:** Commercial license required; features integrated anti-copy-paste controls and live revision history tracking to protect authenticity.

# Why AI?

Whether utilising foundational AI models or dedicated feedback engines, the core principle remains the same: **leveraging technology to streamline feedback loops while maintaining clear guardrails that ensure original student synthesis.**



# Takeaway 1

## Build Trust by Evaluating Process Over Product:

- Preserve assessment integrity with rubrics that score research depth, active listening, and synthesis — ensuring AI enhances learning without replacing human judgment.



# Takeaway 2

## AI as the Instrument, Student as the Director:

- Treat AI as interactive tools that require active human interrogation, fact-checking, and ethical accountability.



# Takeaway 3

## From Passive Comprehension to Authentic Creation:

- Redesign static paper comprehensions into dynamic, multimodal journalism tasks where students analyse real-world issues for authentic audiences.





# Thank You Very Much

## Credits

Mr Ghazali (Lead Teacher)

Mr Benjamin Chong

Ms Victoria Teo

Ms Rachelle Chua

