



2023

全球智慧教育大会
Global Smart Education Conference

Technology Empowered Educational Transformation: the promise of AI

Prof. Asha Kanwar

President and CEO

Commonwealth of Learning, Canada

August 20, 2023. Beijing



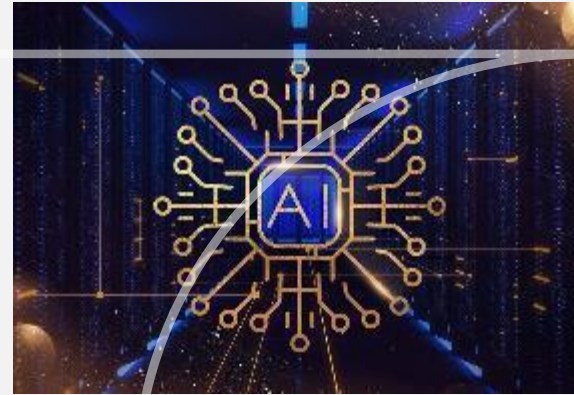
— Plan —

① AI in Education

② Actions

AI in Education

- Institution
- Teacher
- Learner



Principles on the Use of AI

1. Universities will support students and staff to become **AI-literate**.
2. **Staff** should be equipped to support students to use generative AI tools effectively and appropriately in their learning experience.
3. Universities will adapt teaching and assessment to incorporate the **ethical use** of generative AI and support **equal access**.
4. Universities will ensure **academic rigour and integrity** is upheld.
5. Universities will work **collaboratively** to share best practice as the technology and its application in education evolves.



ChatGPT

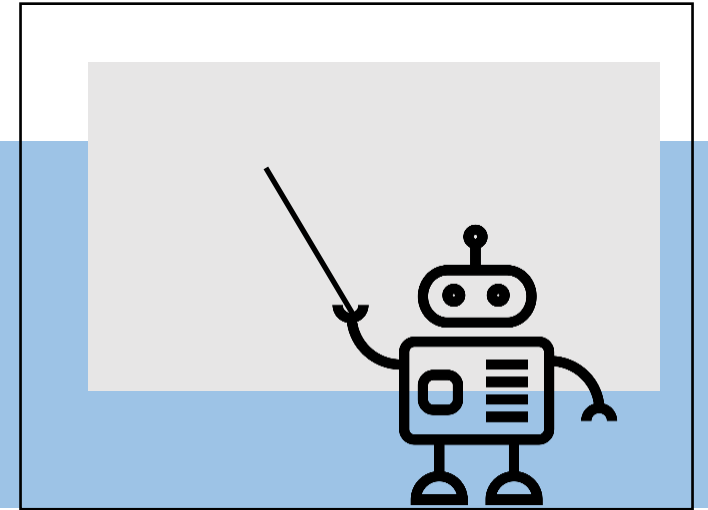
Teachers

- Lesson plans
- Test Items
- Language translation
- Text summarisation
- Image generation from text
- Microlearning courses



Learners

- Provide an intelligent, personal tutor for every learner
- Support for collaborative learning
- Adaptive group formation
- Expert facilitation



Use of Chatbots

- ChatGPT: Generates Essays, Test Items, Scripts, proposals
- Synthesia. IO: Video creation
- RASK.AI and Aloud-YouTube: Translation, video dubbing

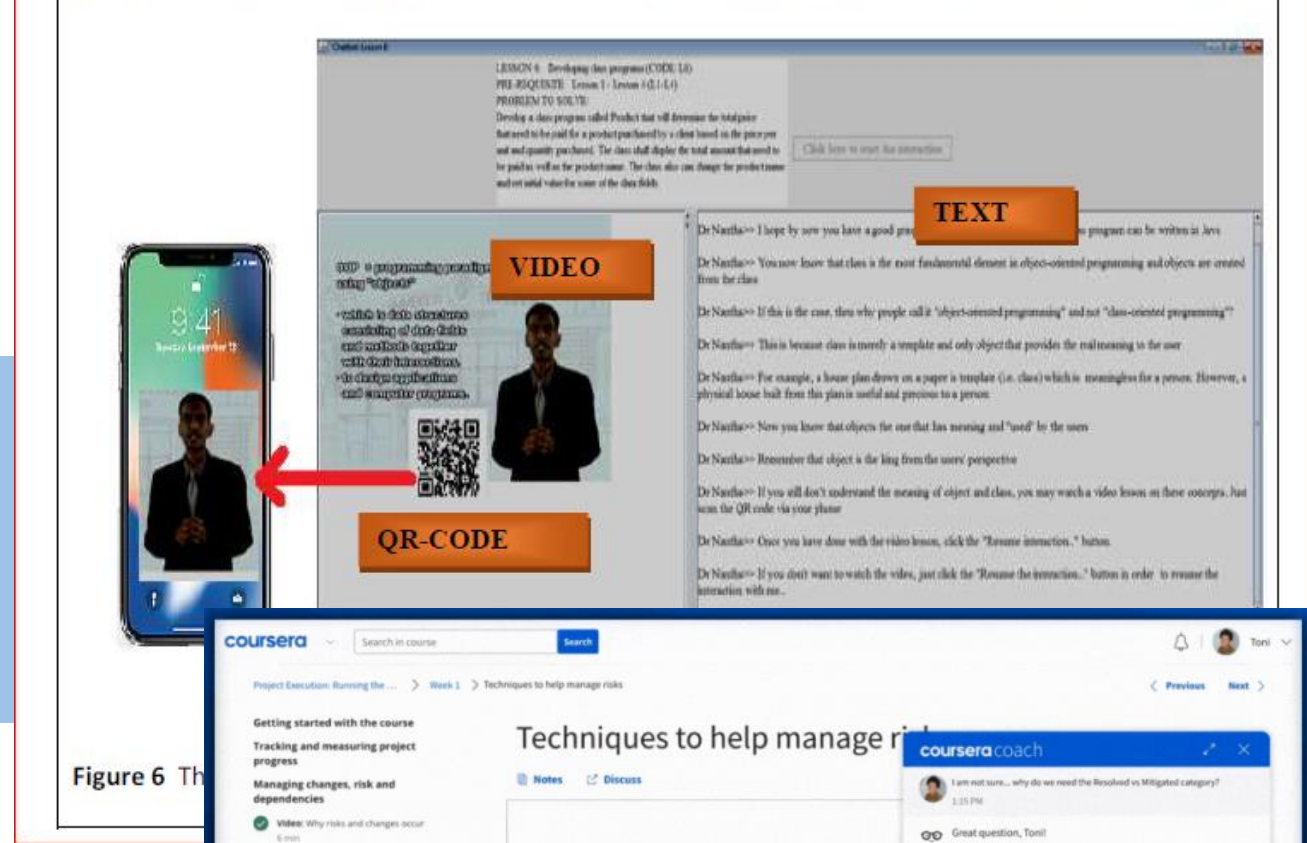
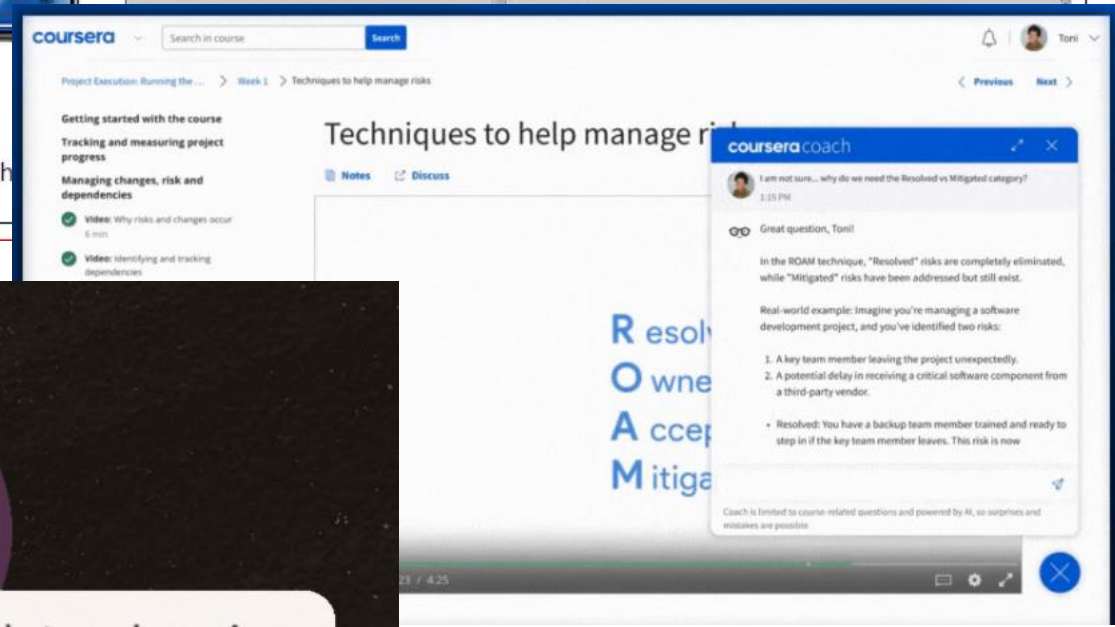
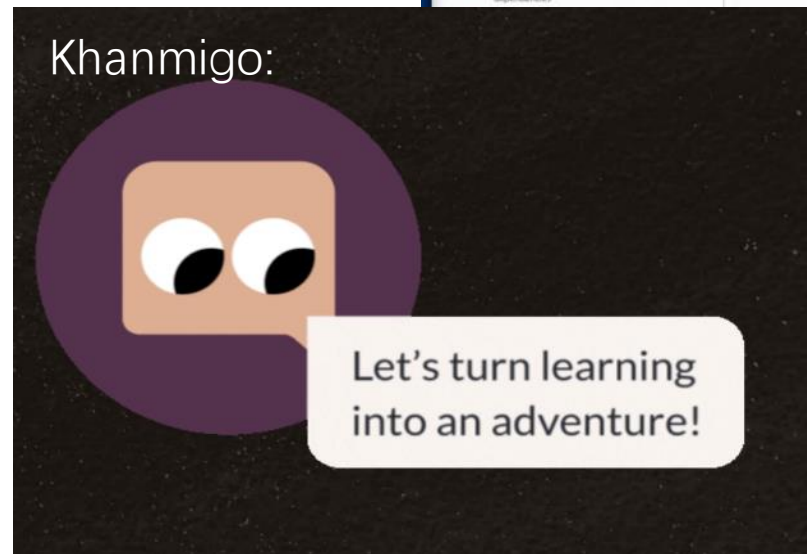


Figure 6 The



China: AI in education

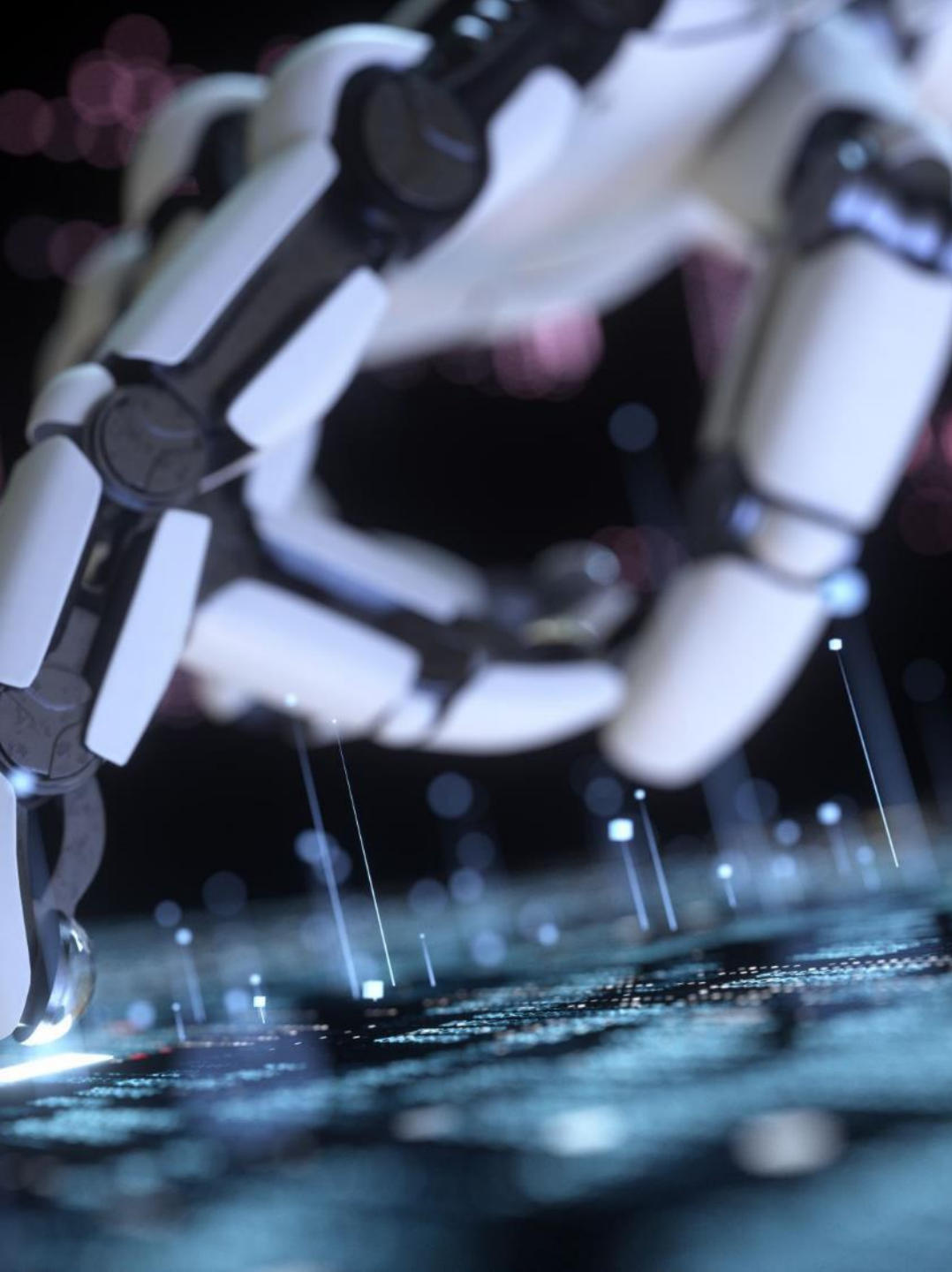
- About 30 Large Language Models
- Ernie Bot similar to ChatGPT
- Alibaba deploying own generative AI services



Robotics: emerging pathway for AI

- Fourier company's GR1 Humanoid Robot can be a therapeutic assistant
 - Can easily be repurposed as a laboratory or teaching assistant
- Embedding Language Models in robots can be a meaningful way forward to realise the benefits of AI in Education





Impact of AI in Education

- AI generated videos as engaging as human videos
- AI helps to personalise content
- AI supports automated grading
- AI Tools can generate learning materials at lower costs.

RASK, *AI in Education Report 2023*



The background features a dark blue field with a wireframe cityscape of various skyscrapers. In the bottom right corner, there are large, overlapping geometric shapes in shades of red, orange, and cyan. A faint network of lines and a circular node are visible in the lower-left area.

Actions

1. Digital divide

Internet usage / ownership of mobile phones

Globally: 60% | Africa: 40%

Men: 69% | Women: 63%

- 259 million more men than women were using the internet last year.
- Women are 12% less likely to own a mobile phone than men.

Closing the Divides: The 4Cs



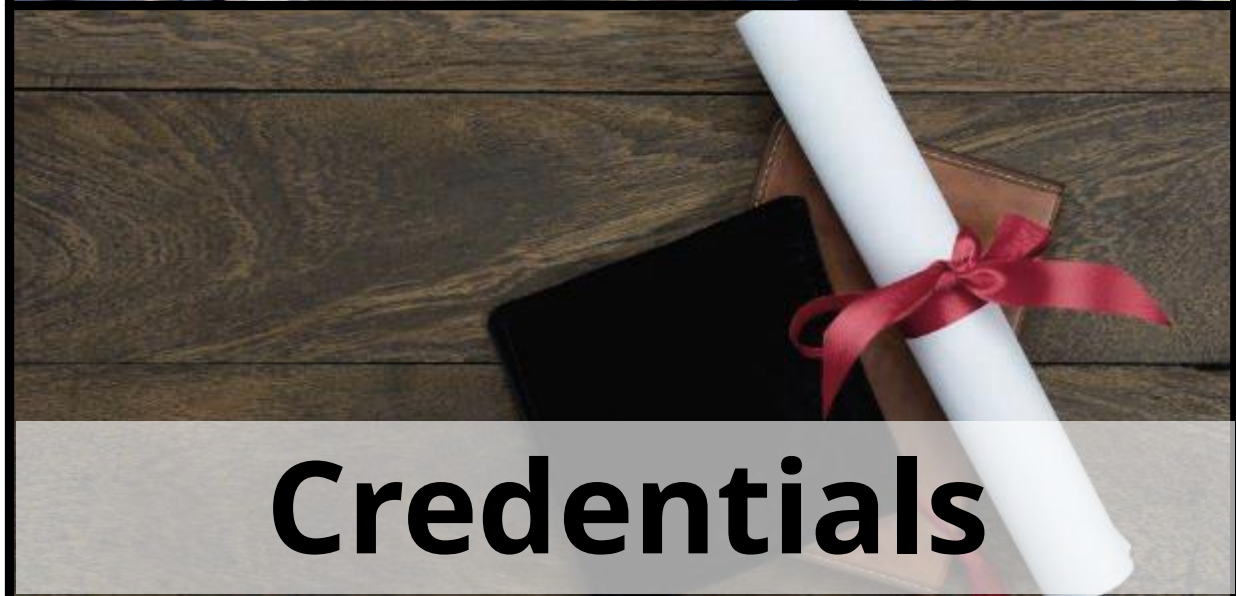
Connectivity



Content



Capacity



Credentials

2. Policies

- Regulation at the international level
- National strategies and legal provisions
- Institutional policies

3. Even with AI, the world will still need...

Blue collar skills

Technical, physical,
spatial, time management,
teamwork and safety



Skills relating to empathy

Active listening, emotional
intelligence, communication,
cultural competence,
patience and tolerance, and
problem solving



Skills with Creativity and Innovation

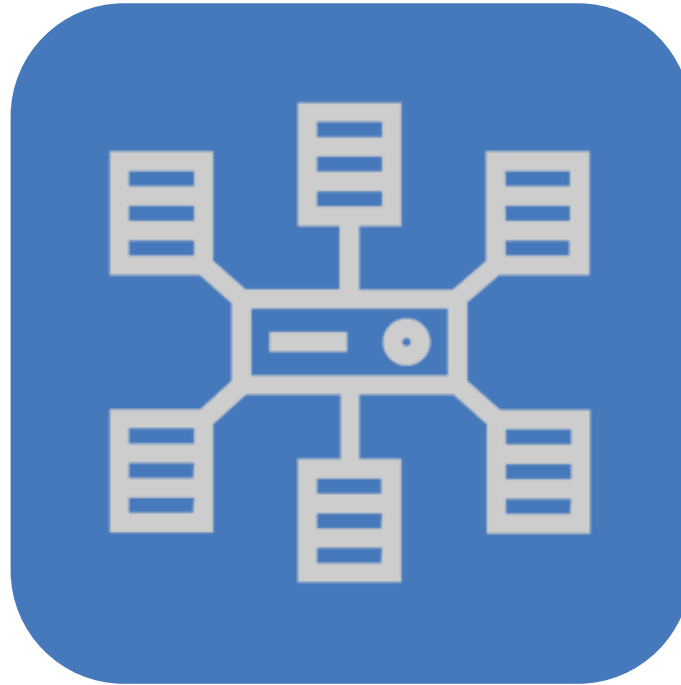
complex problem solving,
adaptability, curiosity, open
mindedness, collaboration
and entrepreneurship



Three Key Literacies



Human



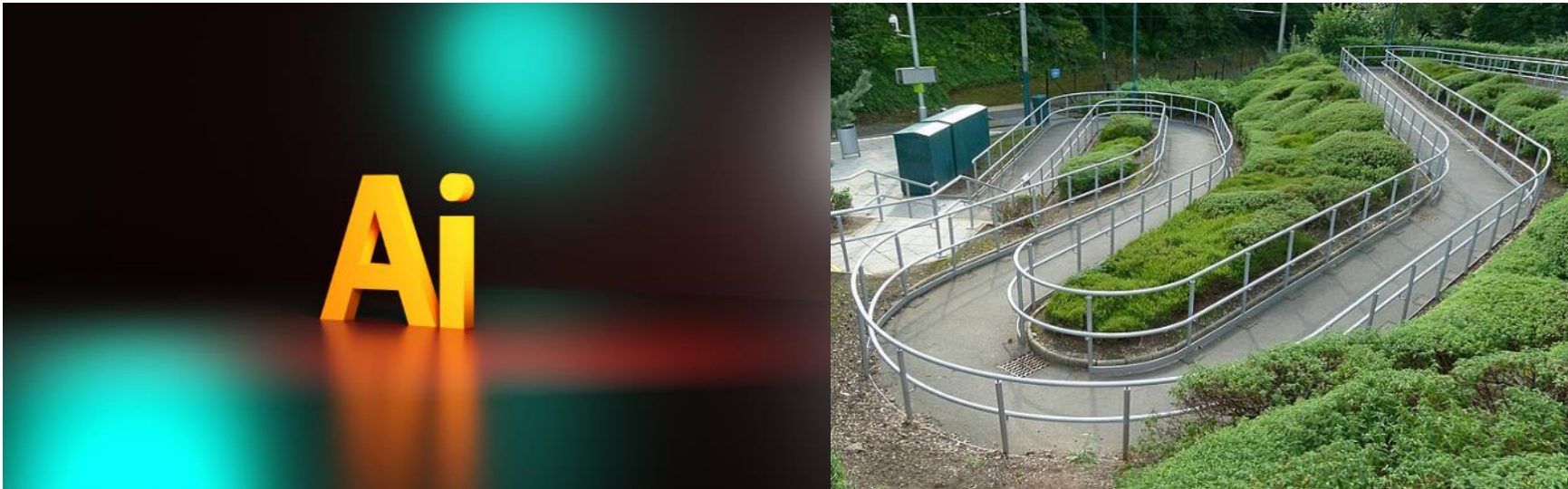
Data



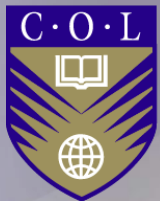
Technological

In conclusion

- AI by itself will not transform education—social political and economic context key
- AI is moving from free to ‘costed’ services
- AI is an evolving field where cautious optimism is required



Thank you



COMMONWEALTH *of* LEARNING

www.col.org

The contents of this presentation, with the exception of logos and graphics which are the property of the respective owners, is made available under Attribution-ShareAlike 4.0 International (CC BY-SA 4.0).