The Importance of Digital Citizenship in the AI World

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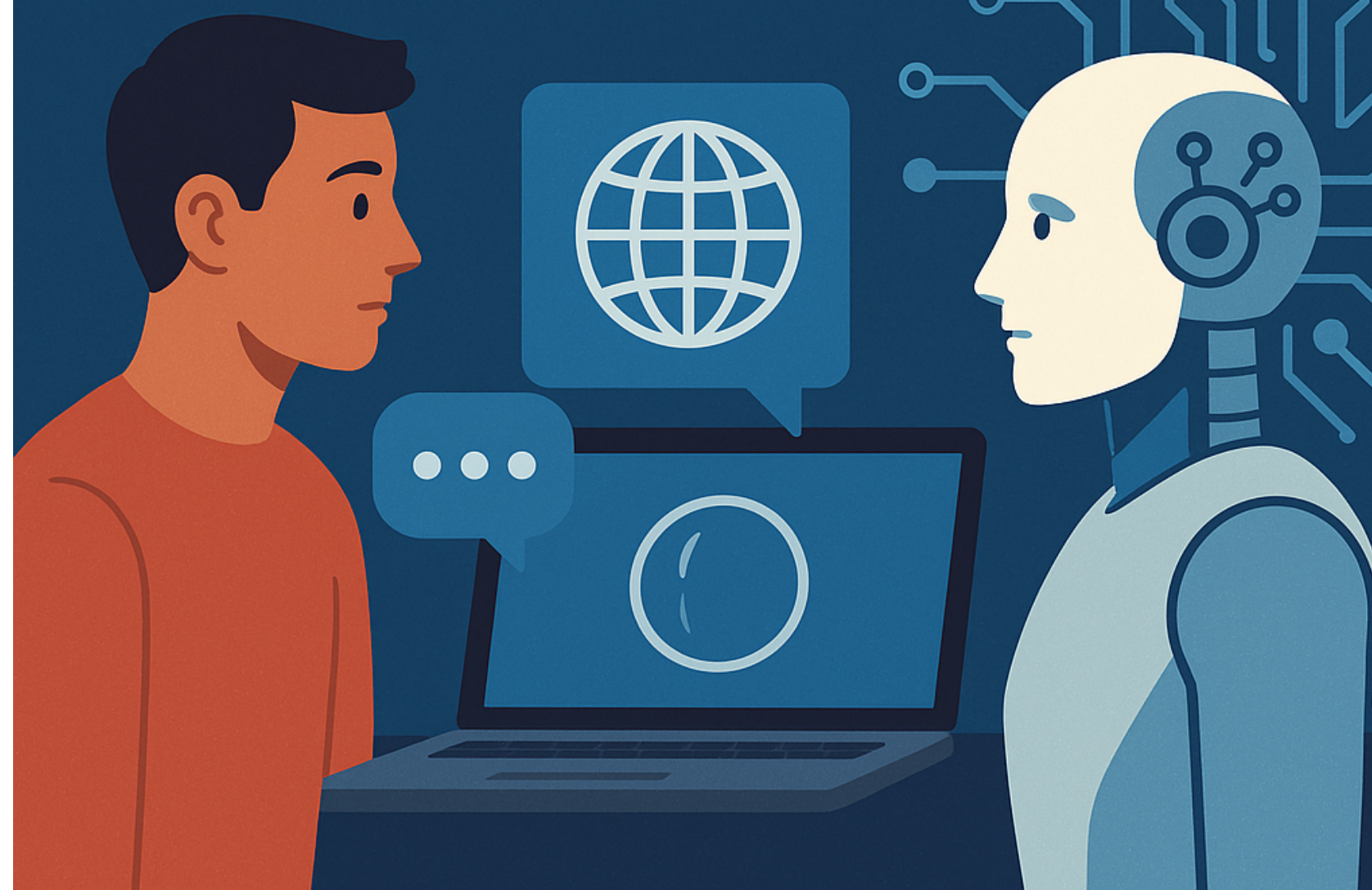
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What is Digital Citizenship

The responsible, ethical, and safe use of technology by students in both school and home settings.

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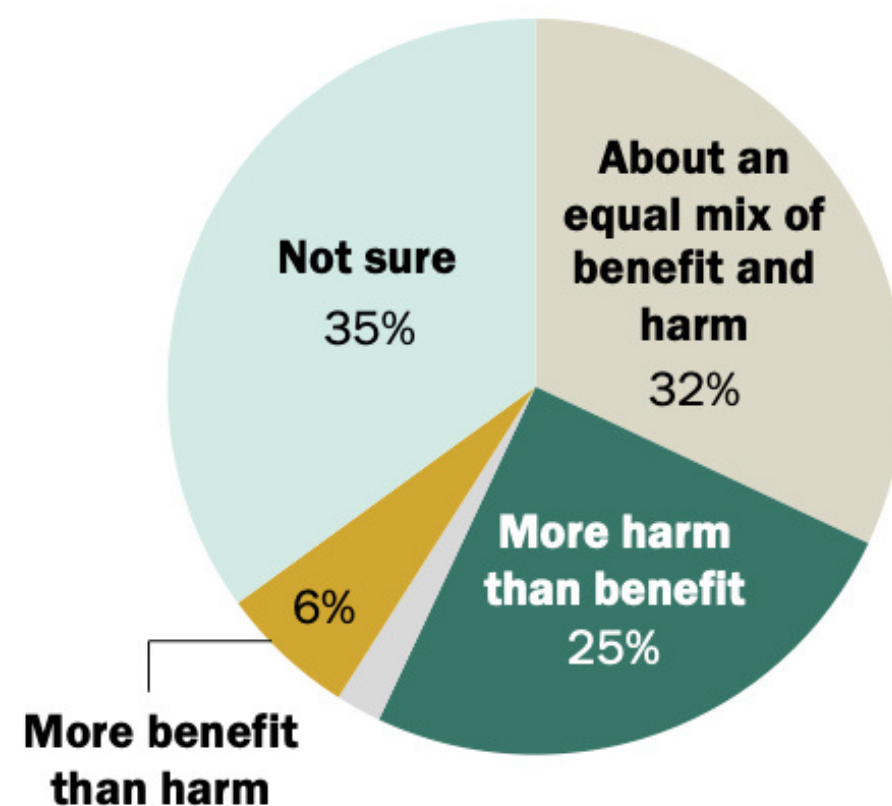The Future of K-12
Education Conference

Technology is a useful servant but a dangerous master.

CHRISTIAN LOUS LANGE

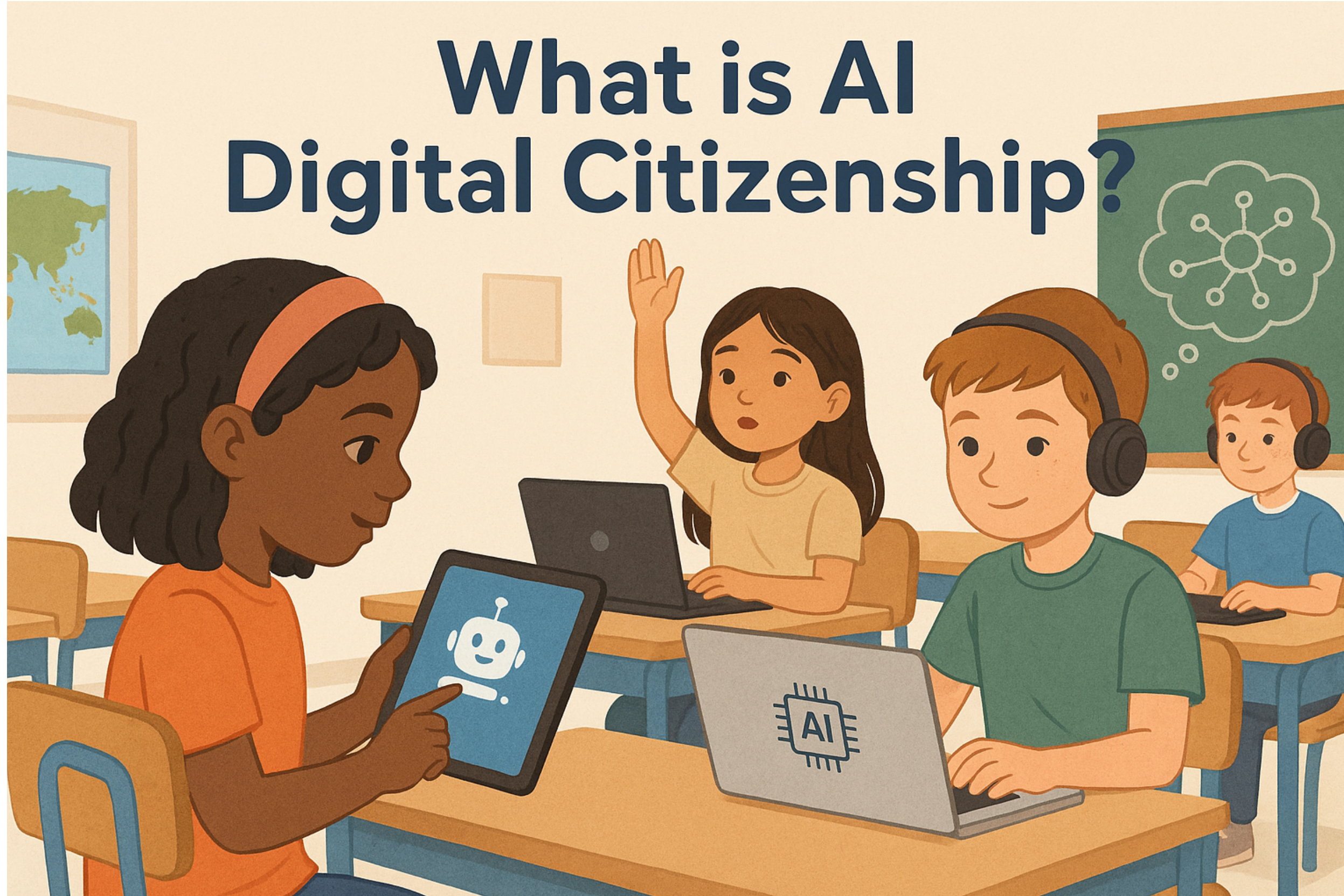# Many teachers are uncertain about the use of AI tools in K-12 education

% of public K-12 teachers saying there is generally ____ when it comes to the use of artificial intelligence tools, such as ChatGPT, in K-12 education

Pie chart:
- Not sure: 35%
- About an equal mix of benefit and harm: 32%
- More harm than benefit: 25%
- More benefit than harm: 6%

Note: Share of respondents who didn't offer an answer is shown but not labeled.
Source: Survey of U.S. public K-12 teachers conducted Oct. 17-Nov. 14, 2023.

PEW RESEARCH CENTER

What we want to achieve with AI Digital Citizenship

- Students are Future Ready

- Students are safe using AI

- Students Understand how to behave responsibly

- AI Responsibility

- AI Wellness

- Ethical Use of AI

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AI Acceptable Usage According to IB Guidelines

AI use must be declared and cited (IB standards)
Copy-paste or full-text generation = plagiarism
Scenarios NOT acceptable:

Submitting AI-written essays
Using AI to generate research arguments or translations without personal analysis
Educators must:
Decline to authenticate AI-written work
Conduct oral checks to confirm understanding
Teach reflection, not replacement

AI Acceptable Usage According to IB Guidelines

Brainstorming or outlining ideas
Exploring counterarguments or language style
Grammar/syntax checking (when not assessed)

AI use must be:
Transparent
Supplementary, not substitutional
Accompanied by critical student input and citation
Teach students: "AI can support thinking, not replace it."
High tech use = lower academic scores (PISA data)
The inverted-U model: moderate use = best outcomes

Classroom Scenarios & Case Examples

Ask students to compare AI-generated vs. personal writing to evaluate differences in voice and depth

Use "trojan horse" phrases to detect prompt-pasting behaviours
Prompt students to discuss how AI may reshape their future careers
Assign group discussions on bias using AI-generated images and texts
Explore legal and ethical risks of AI-generated harassment (e.g. deepfakes)
Have students write AI policy suggestions or classroom charters

Singapore advancement with AI education

Singapore's
Ethical Framework: Recognizing the risks,

Singapore's MOE developed a comprehensive AI in Education.
Ethics Framework.
It is built on four key principles:
Agency, Inclusivity, Fairness, and Safety
<u>learning.moe.edu.sg</u>.

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Engaging Families

Partnering with parents ensures consistent messaging about AI technology use between home and school. It also builds trust and shared responsibility

- Webinars – Short, targeted sessions on digital wellbeing & screen time
- Feedback loops – Use parent surveys to shape support
- Newsletter tips – Monthly digital safety ideas
- Building home resources – Guides & videos for family use
- Parent-student challenges – Activities that build shared awareness

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EMBEDDING DIGITAL CITIZENSHIP IN CURRICULUM

Every teacher's responsibility

Structured Programmes

Classroom Discussions on Technology

Unified Approach

School Wide Framework

- Shared Vision – Align students, staff & families on values and expectations
- Clear Policies – AI useage policies, Define tech use, screen time, privacy, and conduct
- Collaborative Input – Involve teachers, students, and parents in shaping policies
- Consistent Reinforcement – Integrate into homerooms, assemblies, and staff meetings
- Review & Reflect – Regularly update policies to keep up with digital trends
- Embed in Curriculum – Make digital citizenship part of everyday learning

Conclusions

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- Rethink digital citizenship for the AI age
- Start small: pilot frameworks, upskill staff, engage students ethically
- Build a Digital Citizenship programme with AI at the Centre
- Engage with Teachers, Parents and Students
- Prioritise balance, transparency, and purpose in AI use

Citations

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Chat GPT was part used in the aid of research. All work is the product of Christopher Hoddinott

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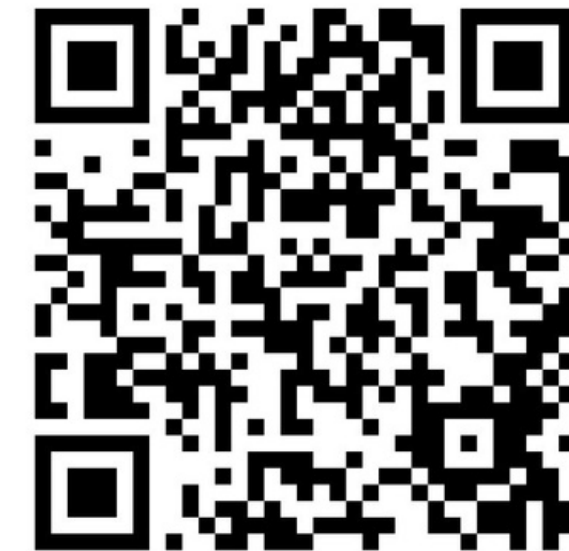SHANGHAI UNITED INTERNATIONAL SCHOOL
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Thank You

Thank you for your attention. Please reach out on WeChat or Linkedin if you want to continue the conversation.

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