



Platform Introduction



Why GenAI in Schools?

- Generative AI is already affecting the future of work, the generation that are in schools right now:

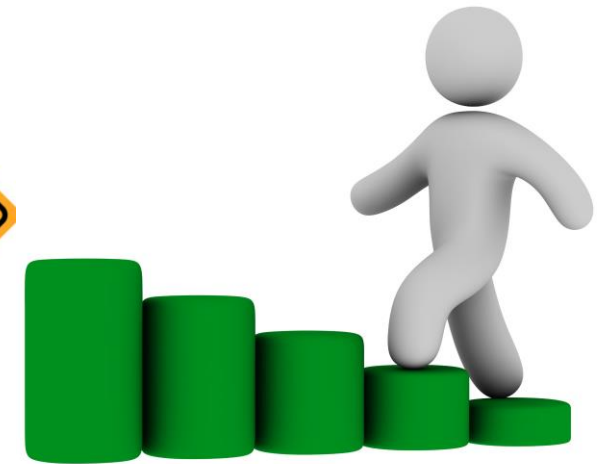
Goldman Sachs

25% of work could be automated,
Up to 46% in administrative sectors (26 Mar 2023)

- Teachers and students are already using it, making AI literacy more important than ever

But How?

- Equip students with future-ready skills, yet in a controlled, step-by-step and safe environment, and with relevant school-based context



Harness the power of AI

Power your organisations with Large Language Models (LLMs)

Take advantage of large-scale, generative AI models with deep understandings of language and code to enable new reasoning and comprehension capabilities for building cutting-edge applications.

Apply these coding and language models to a variety of use cases, such as writing assistance, code generation, and reasoning over data.



Providing Safe Learning Spaces for Instructors and Students

Account Management

- Link student M365 / other institution accounts
- Classification of classes and subject groups
- Manage the usage and limits of different OpenAI models

Managed Access

Usage Control & Limits

Know your progress

- Responsible AI: Inappropriate Content Filtering
- OpenAI provides teachers with personalized learning progress analysis

Responsible AI

Real-time Insights

Maths AI Assistant

Creative learning tools

- Students create their own customized GPT assistants
- Share GPT Preset on campus
- Smart Personalized Classroom Assistant

Create Your Own Bot

Project Assistant

As Featured on Microsoft Education Global AI Toolkit

Microsoft

Strengthen your AI strategy with the updated Microsoft Education AI Toolkit

A navigator for education institutions to plan their AI journey

Microsoft Education AI Toolkit

A navigator for education institutions to plan their AI journey

Get to know the Microsoft AI tools

- Microsoft Copilot**
An AI-powered chat assistant designed to enhance a user's learning and research experience. Data protection is included for education institutions.
AI chat for the web with enterprise data protection
Learn more about Microsoft Copilot
- Microsoft 365 Copilot**
An AI-powered productivity tool that includes access to Microsoft Copilot in Word, PowerPoint, Teams, Outlook, OneDrive, and other Microsoft 365 applications. Use Copilot to plan, at dynamic, personalized content, managed by AI to create, edit, expand and share AI-generated content.
Works alongside you in the applications you use every day
Learn more about Microsoft 365 Copilot
- Copilot in Windows**
Copilot in Windows is an AI assistant with various tools, such as changing settings, engaging windows, getting answers, and generating images.
A personal combination of AI and productivity
Learn more about Copilot in Windows
- Copilot for Security**
Securely forecast generative AI risks and ongoing behavior. Using natural language, monitor suspicious activity across your organization, including insider threats, phishing, intelligence gathering, and post-breach management.
Defined at machine speed with Microsoft Copilot for Security
Learn more about Copilot for Security
- AI Snapshot**
Transform student engagement with reliable and relevant content
Microsoft Copilot can help educators increase accessibility by making student learning more engaging, and relevant, ultimately boosting outcomes for all students.
- K-12 Educator**
Use Copilot to generate relevant examples when teaching new concepts, making the content more reliable and easier to understand for your students.
Used: This feature, Copilot, and Microsoft Copilot
Technology: Microsoft Copilot

The Education University of Hong Kong Jockey Club Primary School

A primary school reimagined teaching and learning with GenAI chatbots using Microsoft Azure OpenAI.

Increased accessibility

The Education University of Hong Kong Jockey Club Primary School (EdUJPCS) created chatbots using Microsoft Azure OpenAI Service to create a more engaging, personalized, and secure learning environment so educators can focus on instructional strategy, using AI to provide real-time feedback and tailored learning experiences. EdUJPCS hopes to foster creativity through exploration, scientific inquiry and continuous dialogue, helping students develop AI literacy skills and critical thinking.

Early results show promising outcomes. 65% of students found the math recommendations from EdUJPCS' chatbot useful, and 60% appreciate the quicker feedback on their homework. Educators have reported that these tools streamline classroom management and identify areas of improvement for more personalized instruction. EdUJPCS plans to expand the use of AI across all grades, building on the early successes.

- How do your current needs align to the driving forces behind EdUJPCS's AI story? What questions does this AI story raise?
- What are the advantages of building your own custom AI applications?
- What training and support might you need to put in place to maximize the impact of AI tools for teaching and learning?

"By adopting a whole-school approach and providing trainings to staff and students, we aim to foster an AI-powered learning setting... AI will take care of the practical tasks...empower[ing] teachers to better meet students' needs, enhancing teaching quality, and resulting in a more impactful educational experience."

— Philip K Y Law, Vice Principal of EdUJPCS

AI Tool: Azure OpenAI Service [Learn more](#)

Overview

AI Navigators

Plan

Implement

Research



Microsoft turbocharges the learning potential of Hong Kong primary school students with Azure OpenAI Service

July 29, 2024 | Microsoft Hong Kong



Through the integration of AI technology in the classroom, Microsoft Hong Kong is enhancing the learning and teaching experience

Hong Kong, 29 July 2024 – Microsoft Hong Kong joins hands with its Global Training Partner [GamenoodleSoup Ltd](#) to empower a local primary school, [The Education University of Hong Kong Jockey Club Primary School \(EduJCPs\)](#), one of the Microsoft Showcase Schools, to reimagine students' STEAM and Mathematics learning through a ship model building project and AI-enabled exercise application to make teaching more sustainable.

EDUCATION 星島教育 25.07.2024 星期四

SING TAO EDUCATION SING TAO DAILY

提高青少年歸屬感 包容及高質量活動成關鍵 學校可鼓勵學生在不同場景下使用不同語言，從而提高學生多層次的歸屬感。

紙上的科幻盛宴 作為一名忠實的「三體迷」，小說、動漫和各種劇集都看過了，見到香港中和最新出版的《三體漫畫（第一部）》，立即買來一睹為快。漫畫改編的精確，不僅在於對原著的考究和細節的補充，更在於如何將抽象的科幻想像具象化於紙上。

副校長：與教師是互補而非競爭 賽馬會小學數學科AI任「助教」出題批改

人工智能 (AI) 大行其道，學界亦一直討論如何善用，教育大學賽馬會小學早前在部分年級的STEM和數學課堂引入AI，由「AI小助手」擔任「助教」，為教師出練習題和批改答案。AI世代之下教師角色為何，該校副校長羅金源強調兩者互補，AI能提供不少教學資源，但如何使用仍由教師決定。他坦言，生成式AI未必完全正確，反而能成為學生訓練思考的機會，但不宜在年紀太小時便開始使用。

記者蔡健行

目前AI在香港的學校教學仍未廣泛應用，教育大學賽馬會小學本學年在五、六年級的數學科和STEM教學中，與微軟全球訓練合作夥伴「遊戲湯麵」合作，引入生成式AI作為教學工具之一。在數學科，教師可運用生成式AI，在數秒內生成不同範疇的練習題目，例如代數、分數等。學生手寫答案後，「AI小助手」會辨別學生的答案和批改。本身任教數學科的羅金源表示，教師可在AI



羅金源(右)認為，AI和教師之間是互補而非具競爭性的關係。旁為余安瀾(左)和校長張錦欣。

“學生需要時間累積資訊素養，和學習AI相關的概念，才能正確使用AI。”

教大賽馬會小學副校長羅金源

平台中調閱題目深淺，並收集學生練習成績，從而分析學生學習進度，以及決定教學進度。他指系統亦可就同一學習點，為不同學生生成不同題目，「有些題較難比較弱，我們可以集中練習，鞏固這方面的知識。」他又稱AI會將答案分成5級，而非僅判斷對錯，讓教師了解學生對課堂的理解程度。小五生黃敬澤舉例，有時作答含糊了步驟，AI會顯示「不开心」的表情。

有助促進學生反思

外界有聲音質疑生成式AI未能提供準確資訊，羅金源坦言，平台有時未能生成合乎現實的題目，或正確批改課業。不過，他認為反而能促進學生反思，「有時學生會跟我說，AI的題目出得不好，可以跟我解釋有甚麼地方有問題，這是我們希望訓練學生的批判性思維、是人類要進步的能力，而且還要從小訓練。」



教育大學賽馬會小學本學年在教學引入生成式AI，部分學生參考AI生成的模擬圖，製作潔淨能源推動的船隻模型。

至於在AI世代教師角色為何，羅金源認為兩者並無競爭性，反而是互補。他認為目前生成式AI主要是用作評估的工具，在教學擔任「助教」角色，初步診斷學生能力和提供練習資源，「至於要如何使用AI，仍是由教師決定。」談到未來發展，遊戲湯麵創辦人余安瀾表示，正計劃加強個人化學習功能，讓教師通過平台查閱學生過往學習紀錄。

除了用於數學課堂，教大賽馬會小學亦讓部分小五、六年生於STEM學習過程中使用生成式AI，羅金源表示，期望讓學生設計成品時能更「貼地」，製作前會先通過生成式AI生成模擬圖，「過程中學生會在AI輸入問題和指令。未來社會裏的學生，需要掌握的不是知識內容，而是如何問好的問題。」

倡年紀太勿使用

外界一直憂慮學生或會誤用AI，生成不當內容，微軟香港區域科技設計總監稱，平台已預設指令，若學生輸入含不當內容的指令，會顯示「錯誤」(error)。羅金源則提到，生成式AI目前在小五及小六試用，暫無意擴展至其他年級。他解釋，雖然學校從小一起已提供資訊素養教育，但「學生需要時間累積資訊素養，和學習AI相關的概念，才能正確使用AI」，認為生成式AI不宜在年紀太小時便開始使用。