

生成式AI與古詩詞創意教學： 文學、圖像與音樂的跨媒體融合

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學校介紹



- 來自天水圍的直資中學
- 辦學理念「人人可教 皆可成材」
- 已推行電子教學多年
- 近年設立「AI種籽班」

Truth · 真
Goodness · 善
Beauty · 美

" If you think you can, YOU CAN! "

深度學習

- 「深度學習課程的概念」來自著名學者 Michael Fullan 所提倡的6C深度學習能力，即創意 (Creativity)、溝通 Communication、協作 Collaboration、明辨思維 Critical Thinking、品格培養 Character 及公民教育 Citizenship。



" If you think you can, YOU CAN! "

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AI 在學與教的使用

- 培養同學自學能力
- 提升學習興趣
- 增加老師教學力
- 增加同學學習力

Truth · 真
Goodness · 善
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活動設計

學習

創作

展示



POE

- 協助理解文言



SUNO

- 生成歌曲



Midjourney

- 圖像生成



Runway

- 使用Runway將每個分鏡的靜態圖像動畫化，豐富MV的視覺效果



CapCut

- 使用所有素材製作MV

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" If you think you can, YOU CAN! "

- 使用歌詞，於SUNO平台生成歌曲要提供歌詞，把歌曲分成 intro（前奏）、verse（主歌）、chorus（副歌）、bridge（連接段）、outro（結尾）
- 可以提加入樂器獨奏 [XXX SOLO]
- 加入重複唱出歌詞(XXXX)
- 加入哼出音樂 e.g. 啦啦啦啦啦啦



Lyrics ⓘ Instrumental

[Bridge]
永結無情遊，相期邈雲漢。
啦啦啦啦啦啦啦啦啦啦
永結無情遊，相期邈雲漢。(啦啦啦)
啦啦啦啦啦啦啦啦啦啦(high pitched)
醒時同交歡，醉後各分散。
永結無情遊，相期邈雲漢。

[Outro: Flute solo]

✦ Write with Suno 445 / 3000

Style of Music ⓘ Exclude Styles ⓘ

Chinese Style, sad, chinese flute, chinese zither, female vocal

63 / 200

turntablism minimal dub funky house

Midjourey 圖片生成



MJ



A lone ancient Chinese poet in white robes, sitting among blossoming flowers, holding a wine jug, moonlight glowing softly, serene spring night, tranquil and melancholic atmosphere, traditional Tang Dynasty style, cinematic lighting



Random Hot Top Day ▾ Likes

Today



Truth · 真
Goodness · 善
Beauty · 美

" 信任 · 機會 · 空間 "

Runway影片生成



END FRAME

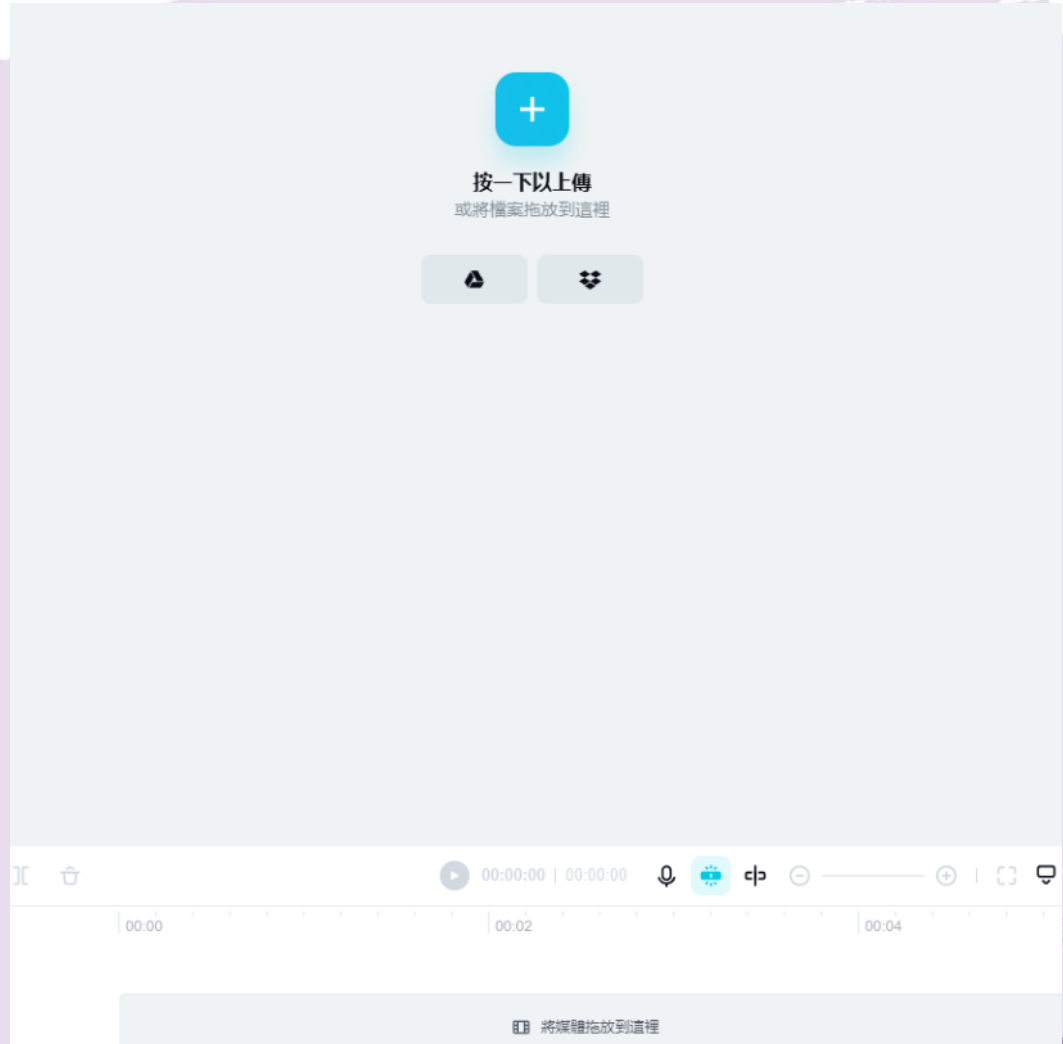
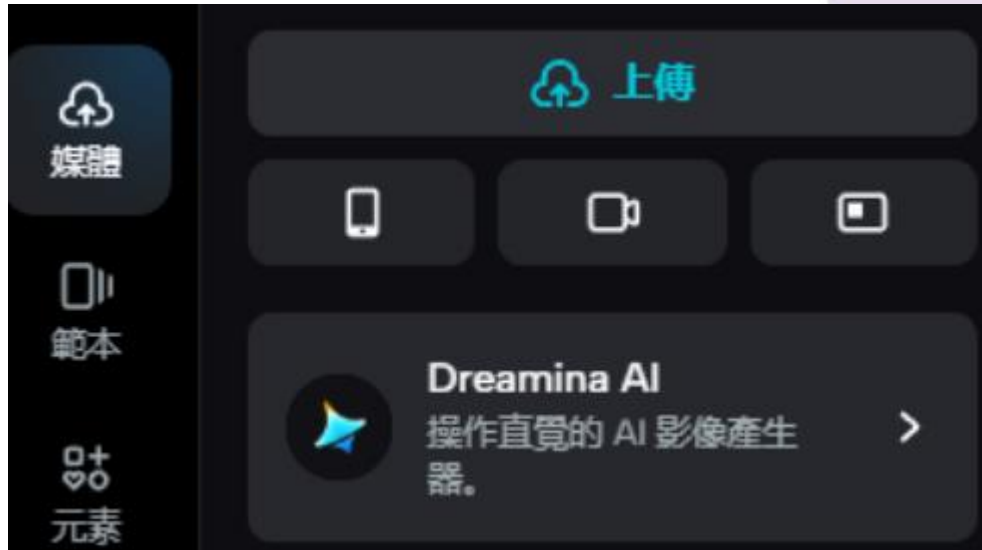
A slow cinematic pan across a tranquil spring night, focusing on a lone ancient Chinese poet dressed in flowing white robes. He sits among blooming flowers, holding a wine jug. The moonlight softly illuminates the serene surroundings, capturing details of the flowers and the poet's melancholic expression. The atmosphere is quiet and reflective, with gentle rustling of spring breezes.

Loop Enhance prompt

"信任 · 機會 · 空間"

Truth · 真
Goodness · 善
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CapCut影片剪接



"信任·機會·空間"

Truth · 真
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不同層次的學習

Bloom 目標分類學

Bloom's Taxonomy



創造 **create**

製造新的或是原創的成果
設計、組裝、建構、推測、發展、制定、編寫、調查

鑑定 **evaluate**

證明一個立場或是決策
評價、議論、答辯、評斷、選擇、支持、評估、批判、權衡

分析 **analyze**

串起眾多想法中的相關性
差異、組成、關聯、比較、對比，區別、檢查、實驗、提問、試驗

應用 **apply**

在新狀況中運用資訊
執行、實施、解決、舉例說明、詮釋、操作、排程、草擬

理解 **understand**

解釋想法或是概念
分類、描述、討論、解釋、識別、確定範圍、認可、報告、選擇轉譯

牢記 **remember**

回憶事實和基本概念
定義、複製、列表、背熟、重複、陳述

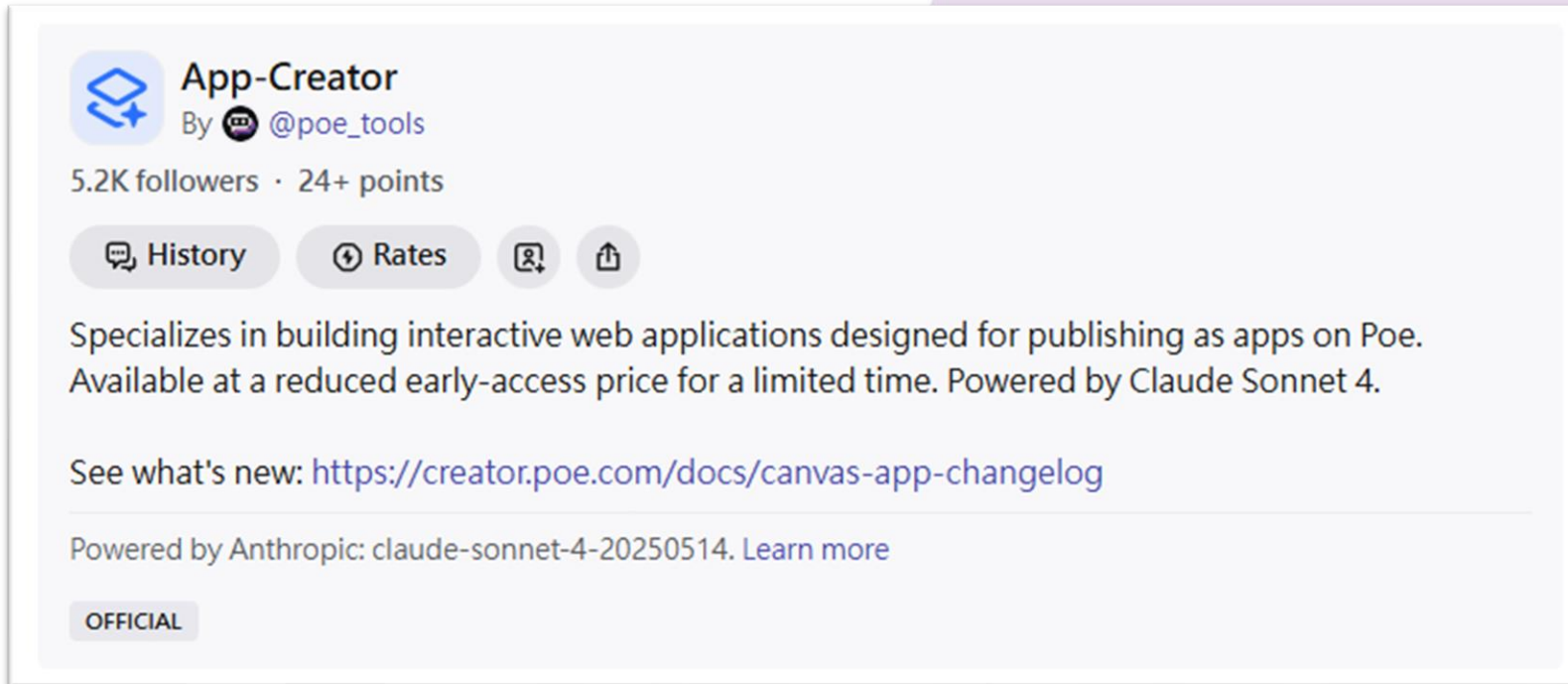


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更多生成式AI的 學與教應用

Vibe Coding

- 透過AI工具協助，「不寫程式碼」的前提下開發產品
- 開發者透過自然語言向AI描述需求，由AI自動生成程式碼



The screenshot shows the profile for 'App-Creator' on Poe.com. It features a blue icon with a graduation cap and a plus sign. The name 'App-Creator' is displayed in bold, followed by 'By @poe_tools'. Below this, it shows '5.2K followers · 24+ points'. There are four buttons: 'History', 'Rates', a search icon, and a share icon. The description states: 'Specializes in building interactive web applications designed for publishing as apps on Poe. Available at a reduced early-access price for a limited time. Powered by Claude Sonnet 4.' A link is provided: 'See what's new: <https://creator.poe.com/docs/canvas-app-changelog>'. At the bottom, it says 'Powered by Anthropic: claude-sonnet-4-20250514. Learn more' and an 'OFFICIAL' badge.

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例子

$$\frac{xy^2}{x^3y} = x^2y$$

檢查你的答案

你寫的是： $\frac{xy^2}{x^3y} = x^2y$

很遺憾，這個答案是不正確的。讓我來幫你找出問題所在。

錯誤分析

你的錯誤主要在於指數的運算規則。當我們進行分式約簡時，需要用到這個重要規則：

$$\frac{a^m}{a^n} = a^{m-n}$$

正確的解法步驟

讓我們一步一步來解這道題：

$$\frac{xy^2}{x^3y}$$

步驟1： 分別處理 x 和 y 的部分

- 對於 x ： $\frac{x^1}{x^3} = x^{1-3} = x^{-2}$

- 對於 y ： $\frac{y^2}{y^1} = y^{2-1} = y^1 = y$

步驟2： 組合結果

$$\frac{xy^2}{x^3y} = x^{-2} \cdot y = \frac{y}{x^2}$$

正確答案

$$\frac{xy^2}{x^3y} = \frac{y}{x^2}$$

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Kindness · 善
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例子 - 配對遊戲

Grammar Quest

Master the parts of speech on your learning adventure!



Learn Practice Challenge Stats Shop

Daily Challenge

Identify 20 adjectives with 95% accuracy!

Start Now!

Reward: 25 coins +50 XP

What are Parts of Speech?

Basics

Nouns



Verbs



Adjectives



Adverbs



Nouns

Practice Nouns

Nouns are words that name people, places, things, or ideas.

Examples:

People	Places	Things	Ideas
teacher, doctor	school, park	book, computer	freedom, love

In a sentence: The teacher gave the students an assignment about freedom.

Practice Mode

Hard Mode

Easy

Medium

Hard

Score

0

Time

23

Combo

0

Click on a word to identify its part of speech.

Several enthusiastic volunteers willingly organized yesterday's successful charity event .

Noun

Verb

Adjective

Adverb

New Sentence

Goodness · 善
Beauty · 美

"信任 · 機會 · 空間"

<https://poe.com/preview/QQmnXJk6l81Zwhbl4aRC>

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0 ⚡

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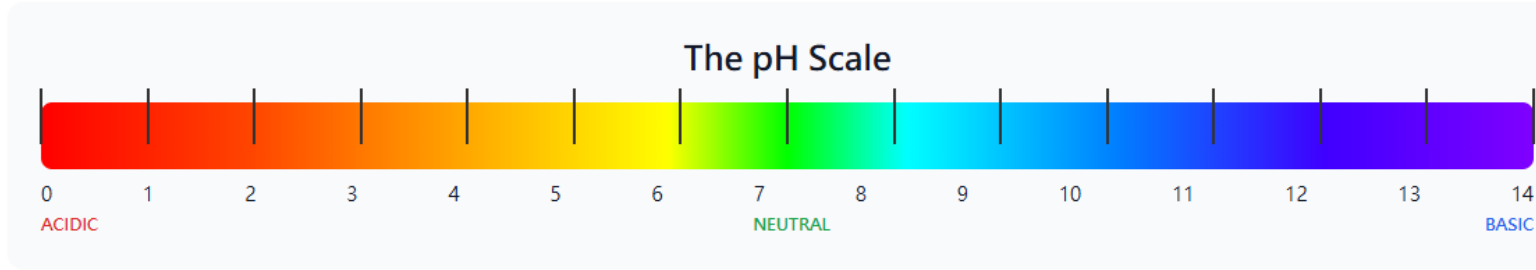
"信任 · 機會 · 空間"

<https://poe.com/preview/QQmnXJk6l81Zwhbl4aRC>

例子 - 模擬器

pH Value Simulator

Learn about acids and bases by testing common substances!



Choose a Substance to Test

Lemon Juice	Coffee	Pure Water
Baking Soda	Soap	Household Ammonia
Orange Juice	Milk	Toothpaste
Stomach Acid	Sea Water	Vinegar

pH Testing Lab

Orange Juice
pH 3.5

Acid

Orange juice contains citric acid and ascorbic acid (Vitamin C), making it acidic.

Test Another Substance

例子 - 模擬器

Acid-Base Neutralization Lab

Learn about neutralization reactions and chemical equations!

Virtual Laboratory

Select Acid: Nitric Acid (HNO₃)
 Select Base: Potassium Hydroxide (KOH)

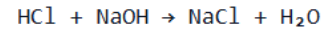
ACID (HNO₃, pH: 1-3) + BASE (KOH, pH: 11-14)

Mix Solutions

RESULT: Neutralized! pH: ~7 (Neutral)

pH Scale: 0 (ACIDIC) to 14 (BASIC), with 7 (NEUTRAL) in the center.

Chemical Equation



Acid + Base → Salt + Water

Salt Formed:
Sodium Chloride (NaCl)

Properties:

- Neutral pH (~7)
- Safe to handle
- Used in cooking

Key Learning Points:

- Acids have pH less than 7
- Bases have pH greater than 7
- Neutralization produces salt + water
- The result is usually pH neutral (~7)
- This is a chemical change

Truth · 真
 Goodness · 善
 Beauty · 美

Q&A

Truth · 真
Goodness · 善
Beauty · 美

" 每日一讀 · 每日一寫 · 每日一算 · 每日一動 "