

資訊科技教育教學法系列：
在中學中文科運用學習管理系統 (LMS) 及
資訊科技工具 (IT TOOLS) 發展學生的自主學習能力 (SDL)



香港中文大學學習科學與科技中心 CLST

Centre for Learning Sciences and Technologies (CLST)
The Chinese University of Hong Kong



下載教材

1. <https://drive.google.com/drive/folders/1zgYL7KQ5159gyn0a7pUK424rBKWIPSLV?usp=sharing>



安裝 Apps

1. Google Classroom
2. Kahoot!
3. Nearpod
4. Quizlet
5. Edpuzzle
6. Quizizz
7. VLE (Canvas Teacher)



課程目標

本課程旨在：

介紹如何在中學中文科運用學習管理系統及資訊科技工具發展學生的自主學習能力。



課程內容

1. 簡介現行可用作**促進學生自主學習**的學習管理系統及資訊科技工具的基本操作、限制及最新功能；
2. 於學習管理系統製作簡單**電子學習材料**、**電子評估活動**、**發放材料**及**收集學生課業與回饋**的基本技巧；
3. 透過**學校個案**，探討如何運用可整合至學習管理系統的資訊科技工具進行學習活動，以促進學生自主學習；
4. 就**不同的學習管理系統**及資訊科技工具在中學中文科的應用作**比較**；及
5. 有效運用學習管理系統及資訊科技工具進行**面授課堂**及**實時網上授課**。

課堂安排 (第一節)

目標:

1. 有關**自主學習 (SDL)** 的相關學理
2. 不同**學習管理系統 (LMS)** 及**資訊科技工具 (IT TOOLS)**的基本操作、限制及功能
3. 於學習管理系統製作簡單**電子學習材料**、**電子評估活動**、**發放材料**及**收集學生課業與回饋**的基本技巧



課堂安排 (第一節)

1. 有關**自主學習 (SDL)** 的相關學理
2. 不同**學習管理系統 (LMS)** 的基本學教功能、共通元素、使用限制及最新發展功能
3. 不同**資訊科技工具 (IT TOOLS)** 的基本學教功能、共通元素、使用限制及最新發展功能
4. 學習管理系統製作簡單**電子學習材料、電子評估活動、發放材料及收集學生課業與回饋**的基本技巧
 - a. 實際應用及操作：VLE (HKEdcity)
 - b. 實際應用及操作：Google Classroom
5. 習作講解



課堂安排 (第二節)

目標:

1. 於學習管理系統製作簡單電子評估活動、實時協作學習、提升學教效能
2. 掌握如何選擇合適的學習管理系統及資訊科技工具，於中文科促進學生自主學習
3. 掌握如何通過學習管理系統及資訊科技工具，推展面授課堂及實時網上教學



課堂安排 (第二節)

1. 習作回饋
2. 掌握如何製作及進行簡單**電子評估活動** (40 分鐘)
 - a. Google Form
 - b. HKEDCITY – STAR
3. 掌握如何製作及進行簡單**實時協作學習** (30 分鐘)
 - a. Padlet
 - b. Keynote
 - c. Coggle



課堂安排 (第二節)

4. 掌握如何提升及加強**學教效能** (30 分鐘)
 - a. Edpuzzle
 - b. Clips
 - c. Pear Deck
5. 掌握**如何選擇合適**的學習管理系統及資訊科技工具，於中文科促進學生自主學習
6. 掌握如何通過學習管理系統及資訊科技工具，推展**面授課堂及實時網上教學**



導師簡介

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蘋果專業培訓專家 Apple Professional Learning Specialist

蘋果傑出教育工作者 Apple Distinguished Educator

創新教育領袖100



加入群組

LMSSDL Chi CUHK 2021 Nov



LMSSDL Chi CUHK 2021 Nov

WhatsApp 群組



使用 WhatsApp 相機掃描或上傳此 QR 條碼以加入本群組

1. 習作回饋

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習作講解

試就你所任教的中國語文科，**分享**三個在應用學習管理系統及 / 或資訊科技工具，發展學生的自主學習能力的**策略**

輸入：

<https://forms.gle/of1YapypnZGbHBXF6>



查看：

https://docs.google.com/spreadsheets/d/18SXqJgNwDLRJWCPnCb_Whj5yDMUp7EQI4e-dy3OHSqg/edit?usp=sharing



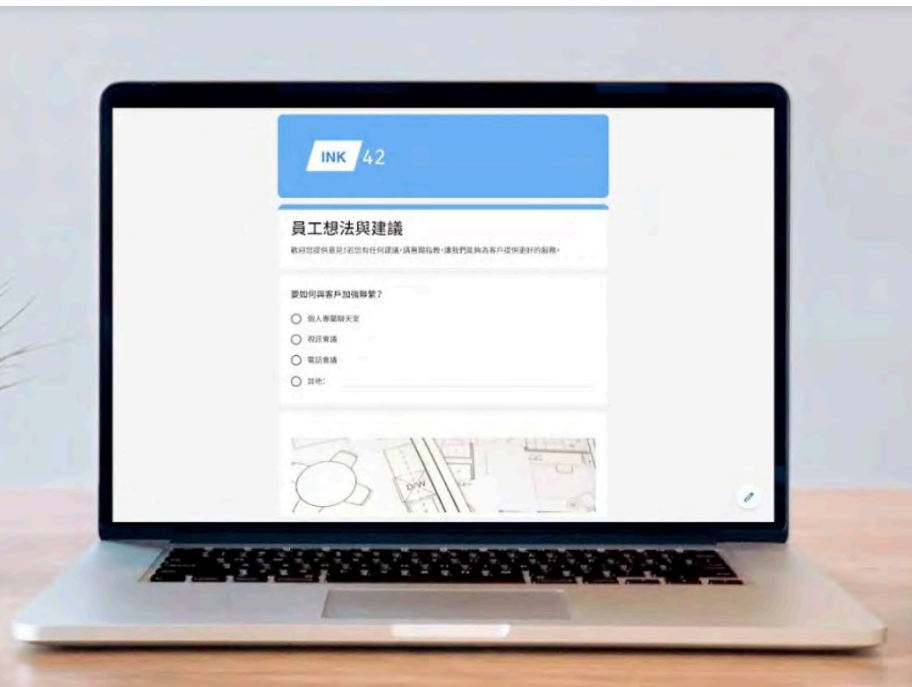
2. 掌握如何製作及進行簡單電子評估活動

a. Google Form

b. HKEDCITY – STAR



2. 掌握如何製作及進行簡單電子評估活動 -- Google Form



2. 掌握如何製作及進行簡單電子評估活動 -- Google Form

如何使用 Google 表單:

<https://support.google.com/docs/answer/6281888?co=GENIE.Platform%3DDesktop&hl=zh-Hant>

步驟 1: 建立新表單或測驗

步驟 2: 編輯表單或測驗並設定格式

步驟 3: 將表單傳送給使用者填寫



2. 掌握如何製作及進行簡單電子評估活動 -- HKEDCITY STAR

請選擇科目



關於 STAR | 最新消息

你好 · Ho Wai Man English 退出 幫助 資料下載

科目 數學科

我的評估

學年: 2020/21 狀況: 全部 編輯: 全部 重新載入 新增評估

我的評估 預設評估 分享評估

1 共 0 頁 10 沒有記錄

需評改	評估標題	開始時間	結束時間	狀況	編輯	更新時間	操作
全部		x	x	x	x	x	x

English Language A B C

你好 · Ho Wai Man 中文 Logout Help Download

Subject English Language

My papers

Year: 2020/21 Status: All Compiled by: All Refresh Add paper

My papers Preset papers Shared papers

1 Total 0 page(s) 10 No records

Marking	Paper title	Start time	End time	Status	Compiled by	Modified at	Action
All		x	x	x	x	x	x

你好 · Ho Wai Man English 退出 幫助 資料下載

科目 中文科

我的評估

學年: 2020/21 狀況: 全部 編輯: 全部 重新載入 新增評估

我的評估 預設評估 分享評估

1 共 0 頁 10 沒有記錄

需評改	評估標題	開始時間	結束時間	狀況	編輯	更新時間	操作
全部		x	x	x	x	x	x

2. 掌握如何製作及進行簡單電子評估活動 -- HKEDCITY STAR

STAR 平台登入

<https://star.hkedcity.net/zh-hant/>

STAR 平台示範

https://star.hkedcity.net/sites/star.hkedcity.net/files/files/upload/Demonstration_of_STAR_platform_0.pdf

STAR 用戶指南

<https://star.hkedcity.net/zh-hant/user-guide>

STAR 專業發展課程

<https://www.hkedcity.net/goelearning/series/pdp>

檢示SRL的程度

From SRL 1.0 to SRL 2.0 to SRL 3.0 (Ho, 2014)

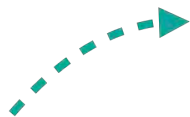
SRL 1.0	SRL 2.0	SRL 3.0
1. 提升學習動機	1. 強化學習能力	1. 啓發學習潛能
2. 鞏固學習行為	2. 發展學習策略	2. 體認學習自主性
3. 培養預習習慣	3. 促進元認知策略	3. 鼓勵個性化學習
4. 確認目標	4. 解決任務	4. 自選課題
5. 找出難點	5. 探討方法	5. 提出問題
6. 小組建設	6. 高階思維	6. 表現風格
7. 合作學習	7. 建構學習	7. 混合學習
8. 掌握學習重點	8. 比較多角度觀點	8. 發揮獨特創意
9. 強調外在獎勵	9. 強調內在調控	9. 超越既定框架
10. 自我記錄及小組監察	10. 自我反思及同儕互評	10. 自我突破

資料來源：何世敏博士

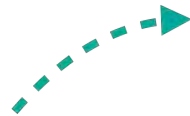




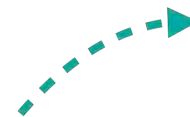
Choice



Ownership

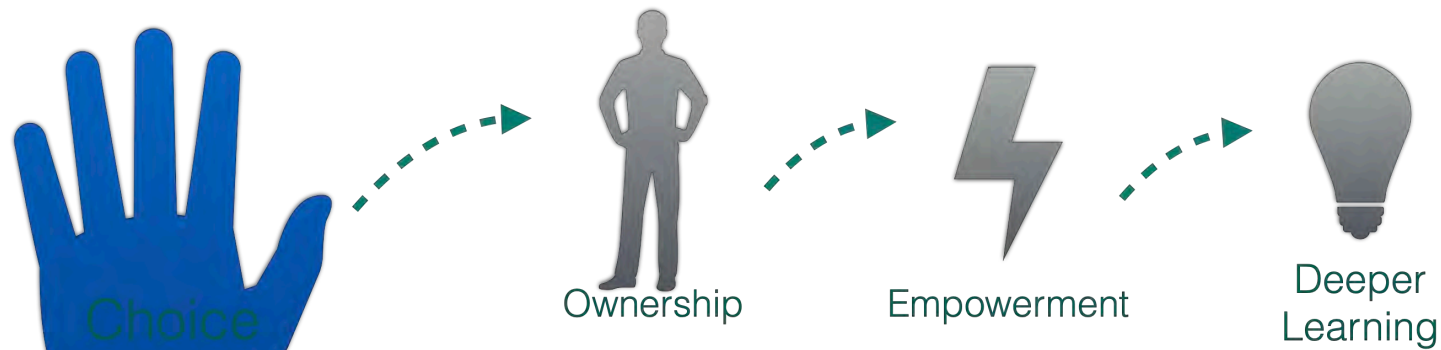


Empowerment



Deeper Learning

'Empower Student' John Spencer



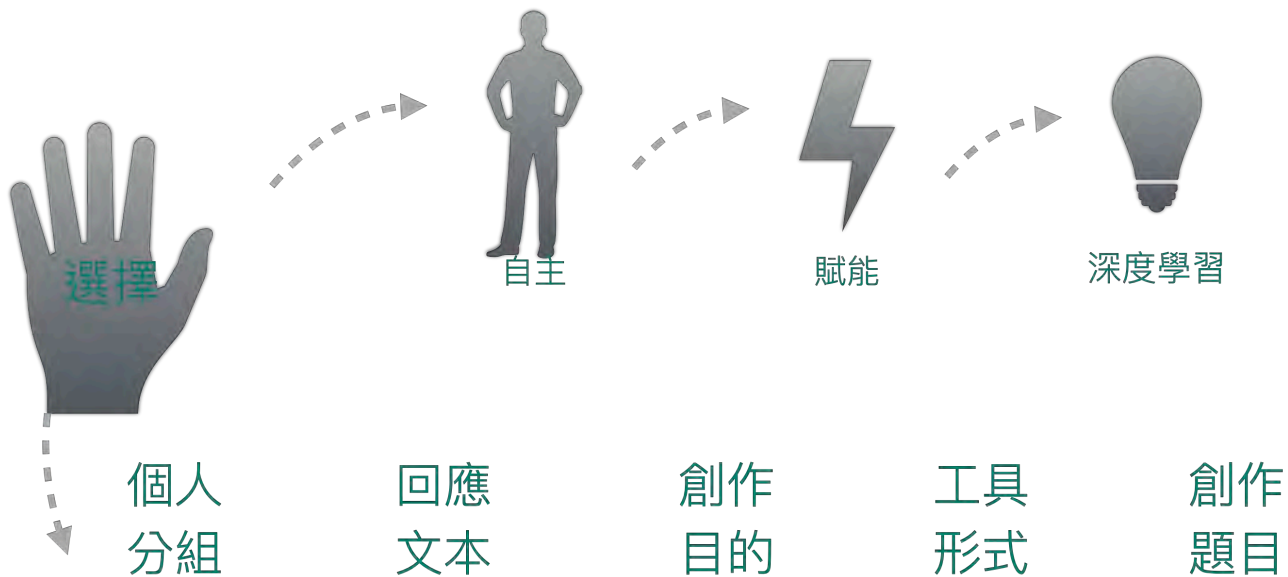
個人
分組

回應
文本

創作
目的

工具
形式

創作
題目



PMI

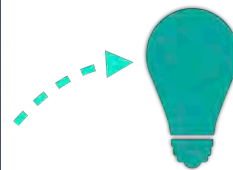


選擇

個人
分組

創作反思表

+	-	Interesting
我覺得在這個從閱讀到創作的過程中可以 加分 的地方：	我覺得在這個從閱讀到創作的過程中可以 改善 的地方：	我覺得在這個從閱讀到創作的過程中下一次可以 更有趣 的地方：



深度學習

回應
文本

創作
題目

創作
形式

創作
目的



LEVEL 1
EMBEDDED
CHOICE



LEVEL 2
SIMPLE CHOICE
MENU



LEVEL 3
ADVANCED
CHOICE MENU



LEVEL 4
INDEPENDENT
PROJECT

TEACHER-
CENTERED



STUDENT-
CENTERED

STUDENT AGENCY



JOHN SPENCER

課堂設計

Voice

啟動學習

影片與遊戲



核心問題



深化創作

思維導圖



多元化表達



Choice

3. 掌握如何製作及進行簡單實時協作學習

- a. Padlet
- b. Keynote
- c. Coggle



3. 掌握如何製作及進行簡單實時協作學習 -- Padlet

padlet

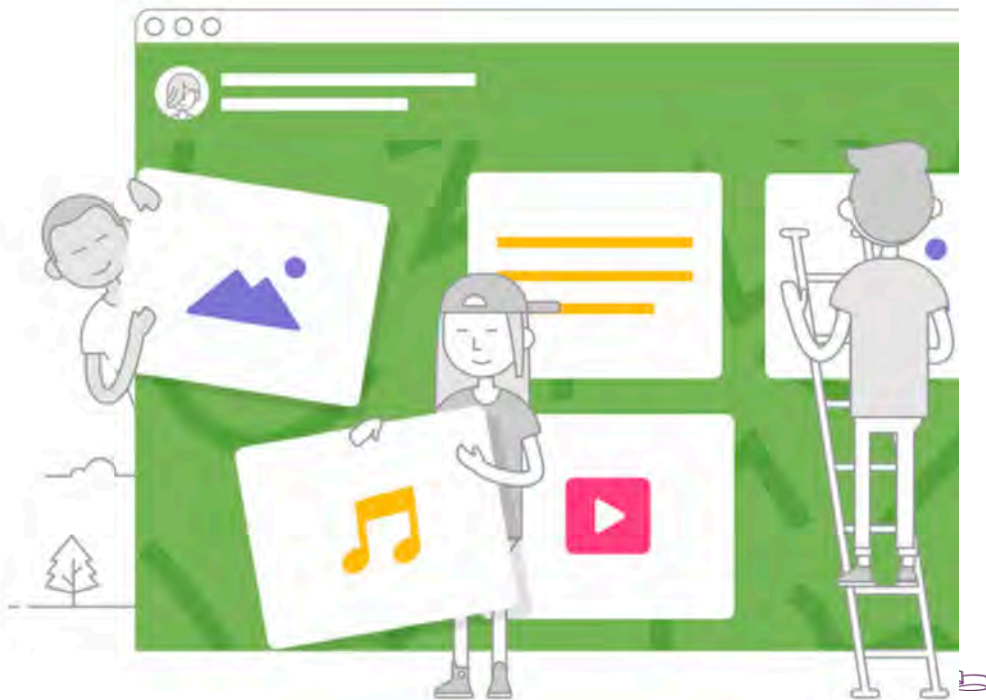
工作 为什么选择 Padlet 供学校使用 供企业使用 帮助 登录

更好地进行合作。
效率更高。

制作易于阅读且有趣的
仪表盘、文档和网页。

注册

已经在使用 Padlet? [登录](#).



3. 掌握如何製作及進行簡單實時協作學習 – Padlet 賬戶註冊

<p>Basic</p> <p>Free forever</p> <p>选择</p> <p>3 padlets only</p> <p>10MB files only</p> <p>Standard support</p>	<p>Pro</p> <p>From HK\$ 48 a month</p> <p>选择</p> <p>Unlimited padlets</p> <p>250MB files</p> <p>Priority support</p> <p>Folders</p>
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3. 掌握如何製作及進行簡單實時協作學習 – Padlet 選擇範本

开始的第一步是选择一个空的 ...



墙

预览

以砖块布局排列内容。

选择



画布

预览

随意分散、组合以及关联你的内容。

选择



列表

预览

用简单易读的上下排列方式排列你的内容。

选择



故事板

预览

将内容排列在几行框中。

选择



栏目

预览

在垂直列中堆叠内容。

选择



对话

预览

在类似聊天的环境中进行交流。

选择

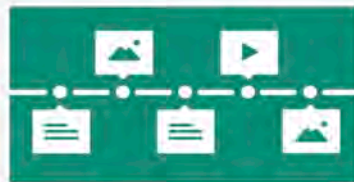


地图

预览

向地图上的各个点添加内容。

选择



时间线

预览

沿水平线放置内容

选择



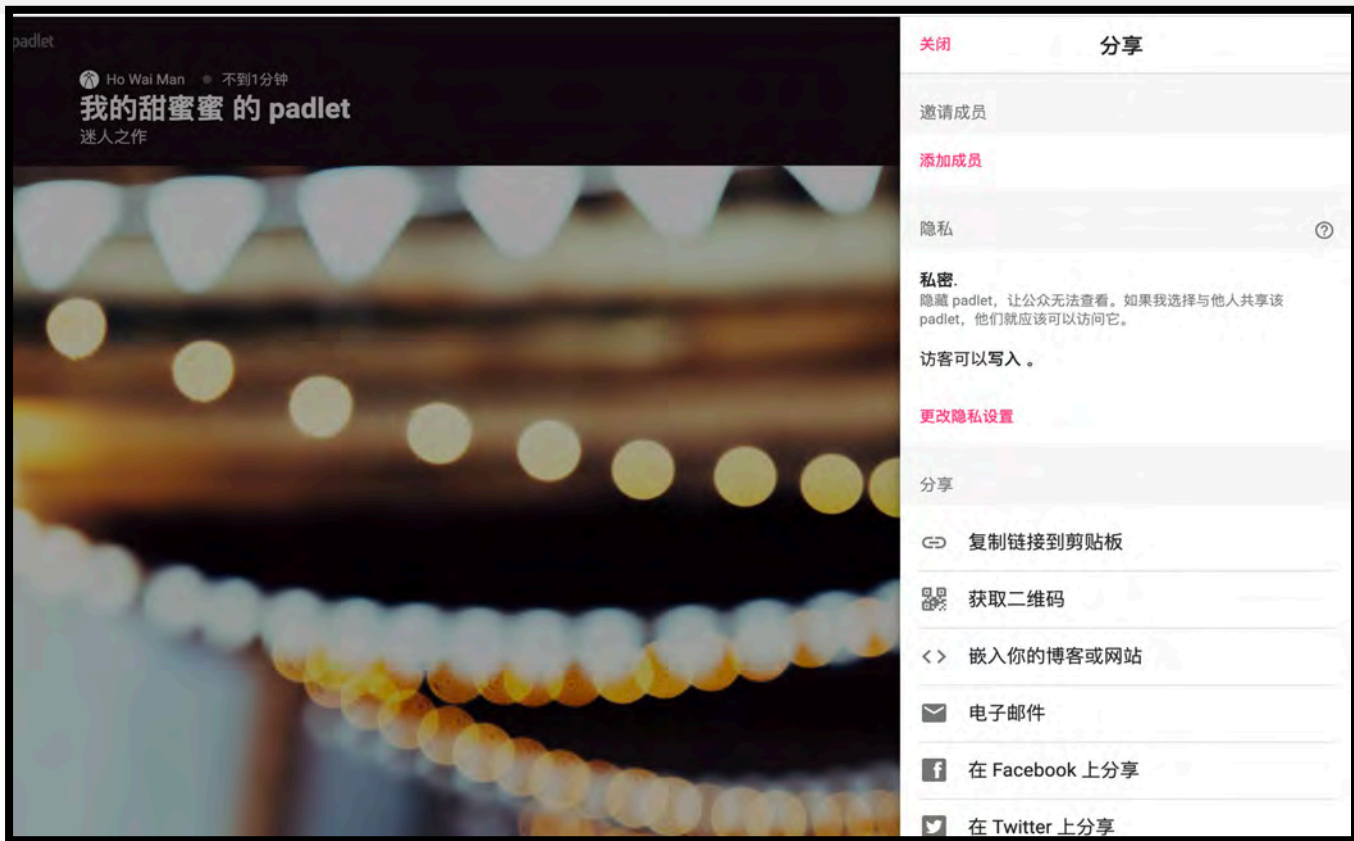
3. 掌握如何製作及進行簡單實時協作學習 – Padlet 製作內容

The screenshot shows a Padlet interface with a post titled "我的甜蜜蜜的 padlet" by "Ho Wai Man" (不到1分钟). The background is a blurred image of string lights. A menu is open over the post, listing various actions:

- 标题
- 写点什么.....
- 上传 (从你的计算机上选择文件。)
- 链接 (输入任何网址。)
- Google (搜索图片、视频、动图、音频、网络。)
- 摄影 (使用你的摄像头拍摄照片。)
- 胶片 (从摄像头捕获视频。)
- 语音 (通过麦克风录制音频。)
- 屏幕 (录制屏幕。)
- 绘画 (在屏幕上的画布上涂鸦。)
- 地方 (添加一个位置。)
- Padlet (链接到你的另一个 padlet。)



3. 掌握如何製作及進行簡單實時協作學習 – Padlet 分享教件



The screenshot displays a Padlet interface. On the left, a dark header shows the user's name 'Ho Wai Man' and the time '不到1分钟'. Below this, the title '我的甜蜜蜜的 padlet' and subtitle '迷人之作' are visible. The main content area features a blurred background of warm-toned bokeh lights. On the right, a white sharing menu is open, with '关闭' (Close) and '分享' (Share) options at the top. The menu includes '邀请成员' (Invite members), '添加成员' (Add members), '隐私' (Privacy) with a help icon, and a '私密' (Private) section explaining that hidden padlets are not visible to the public. Below this, there are options for '分享' (Share), '复制链接到剪贴板' (Copy link to clipboard), '获取二维码' (Get QR code), '嵌入你的博客或网站' (Embed in your blog or website), '电子邮件' (Email), '在 Facebook 上分享' (Share on Facebook), and '在 Twitter 上分享' (Share on Twitter).





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3. 掌握如何製作及進行簡單實時協作學習 – Explain Everything

Explain Everything <https://explaineverything.com/>



Make yourself clear with world's best digital whiteboard

Supporting millions of teachers, students, thinkers, and everyone who wants to express themselves better.

START WHITEBOARDING



3. 掌握如何製作及進行簡單實時協作學習 – Explain Everything

<https://explaineverything.com/>

IOS App Store:

<https://apps.apple.com/hk/app/explain-everything-whiteboard/id1020339980>

Google Play Store:

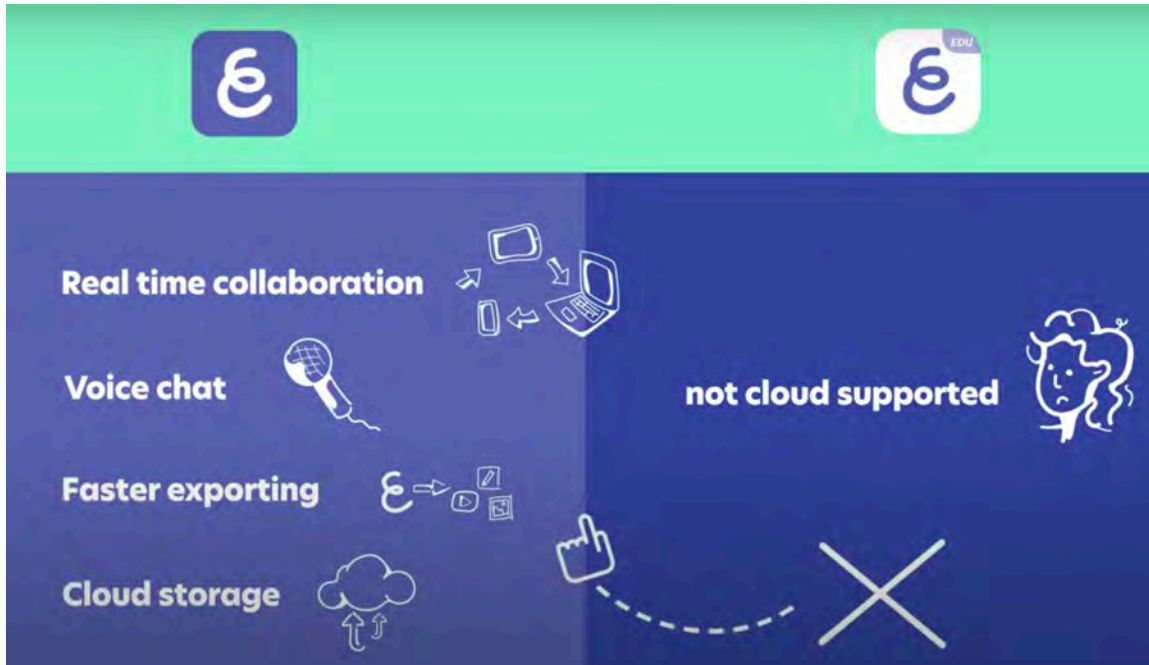
https://play.google.com/store/apps/details?id=com.explaineverything.explaineverything&hl=zh_HK



3. 掌握如何製作及進行簡單實時協作學習 – Explain Everything

Explain EDU Vs. Explain Everything Whiteboard

<https://youtu.be/1JQQ49H2P0s>



3. 掌握如何製作及進行簡單實時協作學習 – Explain Everything

訂閱優惠 完成



Individual Monthly Plan (4+)
Explain Everything Whiteboard
Note, Sketch, Record, Present

1星期免費，試用結束後每1個月
HK\$ 38.00。

安裝並訂閱
App內購買

訂閱優惠 完成



Individual Annual Plan (4+)
Explain Everything Whiteboard
Note, Sketch, Record, Present

1個月免費，試用結束後每1年
HK\$ 368.00。

安裝並訂閱
App內購買

3. 掌握如何製作及進行簡單實時協作學習 – Explain Everything

- 開設戶口
- 建立教件
- 相關工具
- 邀請協作
- 加入課堂
- 教程錄影
- 匯出格式
- 分享教件
- 瀏覽下載
- 平台結合
- 其他設定



<https://game.classcraft.com/>

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3. 掌握如何製作及進行簡單實時協作學習 – Coggle

<https://coggle.it/>

主頁 登錄 會員 功能 Coggle 畫廊

coggle

以清楚的方式分享複雜的訊息。



3. 掌握如何製作及進行簡單實時協作學習 – Coggle 免費功能



實時協作

通常我們以團隊工作最出色，當團隊自由協作時最有效，Coggle 讓你邀請你的朋友和同事在你的圖表裡同一時間與你攜手工作。



保存每一個修改

你已經修改了文件，一天后回來決定你不喜歡所做的編輯？有了 Coggle，這不是一個問題。只需進入歷史模式，找到合適的版本，並從該點做個副本！



無限圖片上傳

一張圖片勝過千言萬語。Coggle 讓你直接從桌面上拖放圖像到你的圖表。就那麼簡單！最好的莫過於，你可以添加圖片的數量沒有限制。



浮動標籤和圖像

在不屬於心智圖分枝的部分添加標籤和圖像。



組成環圈和連接分支

創造更強大和靈活的圖表來表示流程和其他複雜概念。



多個中央點

將多個中央點添加到您的圖表，以在同一圖表中表達多個相關主題。



3. 掌握如何製作及進行簡單**實時協作學習** – Coggle 收費功能



無限的私人Coggles

好棒得畫具

創造你想要的盡可能多的私人Coggles。如果你萬一取消訂閱，他們仍保持私有，並且你保持訪問。



Powerful Flowcharting

好棒得畫具

Pick from a range of shapes to create expressive, powerful flowcharts, process maps, and other diagrams.



匿名協作

好棒得畫具

分享秘密鏈接以允許團隊不需要登錄便可以編輯圖表。

3. 掌握如何製作及進行簡單實時協作學習 – Coggle 賬戶註冊

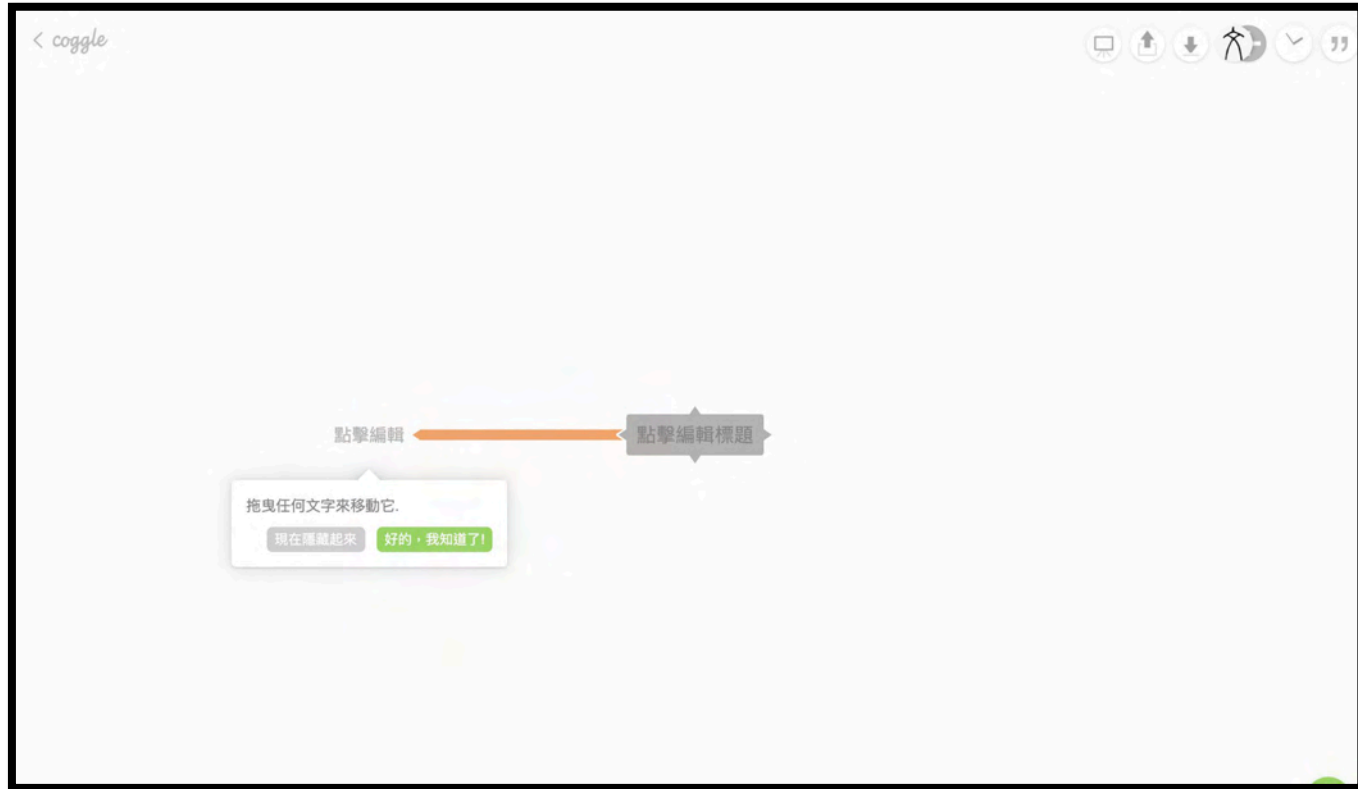
免費會員	好棒棒會員	組織會員
體驗Coggle和一切使用的理想選擇	個人或專業使用的理想選擇，有較大隱私和先進的功能	團隊使用的理想選擇，管理員能控制團隊權限，並合併收費。
\$0 forever	\$5 per month	\$8 per member per month
註冊	了解更多	了解更多
<ul style="list-style-type: none">3個私人圖表無限公共圖表超過1600漂亮圖表無限的圖片上傳自動排列分支完整的更改歷史記錄PDF和圖像 下載漂浮的文本框匯出 .mm 和文字Export for Microsoft Visio匯入 .mm 和文字多個中央點共享文件夾	<ul style="list-style-type: none">免費會員的所有功能+無限私人圖表More Item Shapes更改線條樣式Control line pathsChange text alignment全部聊天歷史高分辨率圖像上傳通過鏈接進行協作	<ul style="list-style-type: none">好棒棒會員的所有功能+SAML單點登錄每人獨立工作區合併收費批量匯出用戶和數據管理品牌圖表
Embed mindmaps anywhere		



3. 掌握如何製作及進行簡單實時協作學習 – Coggle

The screenshot displays the Coggle web application interface. On the left is a green sidebar with the user profile 'manhw@ykh.hk Ho Wai Man' and 'private diagrams used'. The sidebar menu includes '由你創建', '與你分享', '畫廊', '共享文件夾', and '創建文件夾'. The main content area features a '+ 創建圖表' button, an 'Upgrade Now' button, and a search bar '搜索你的圖表.'. A diagram titled 'TESTING' is shown, dated '3年之前', with a central node labeled 'TESTING' connected to a horizontal line.

3. 掌握如何製作及進行簡單實時協作學習 – Coggle 製作教件



3. 掌握如何製作及進行簡單**實時協作學習** – Coggle 共同協作



4. 掌握如何提升及加強學教效能 (30 分鐘)
 - a. Edpuzzle
 - b. FlipGrid/ Clips
 - c. Pear Deck (with Google Slide)





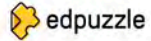
<https://game.classcraft.com/>

Centre for Learning Sciences and Technologies (CLST)
The Chinese University of Hong Kong



4. 掌握如何提升及加強學教效能 -- Edpuzzle

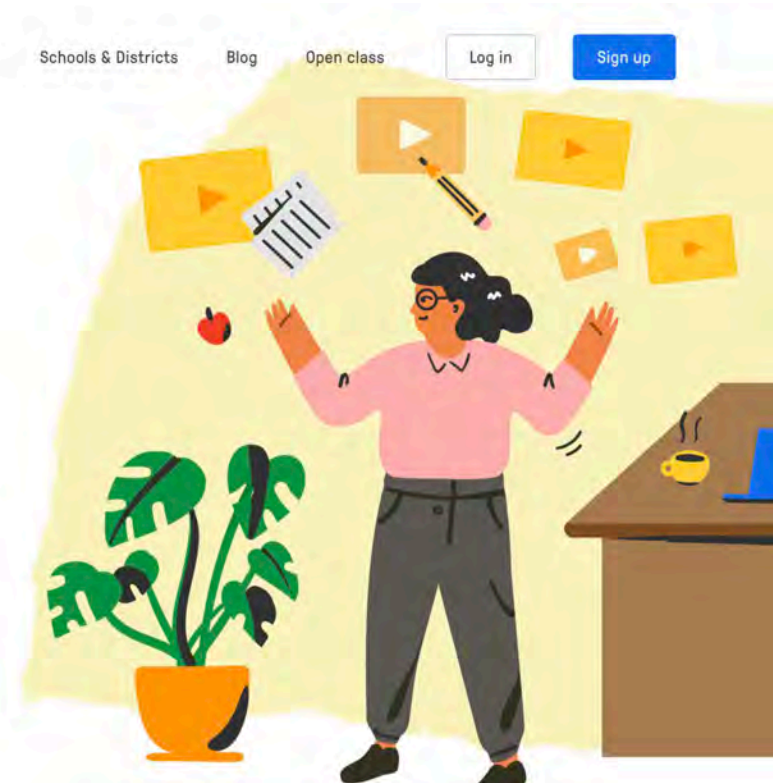
<https://edpuzzle.com/>



Make any video your lesson

Choose a video, give it your magic touch and track your students' comprehension.

Get started




4. 掌握如何提升及加強學教效能 -- Edpuzzle 戶口登記

Start using Edpuzzle, stop boring classes
in their tracks.

I'm a Teacher

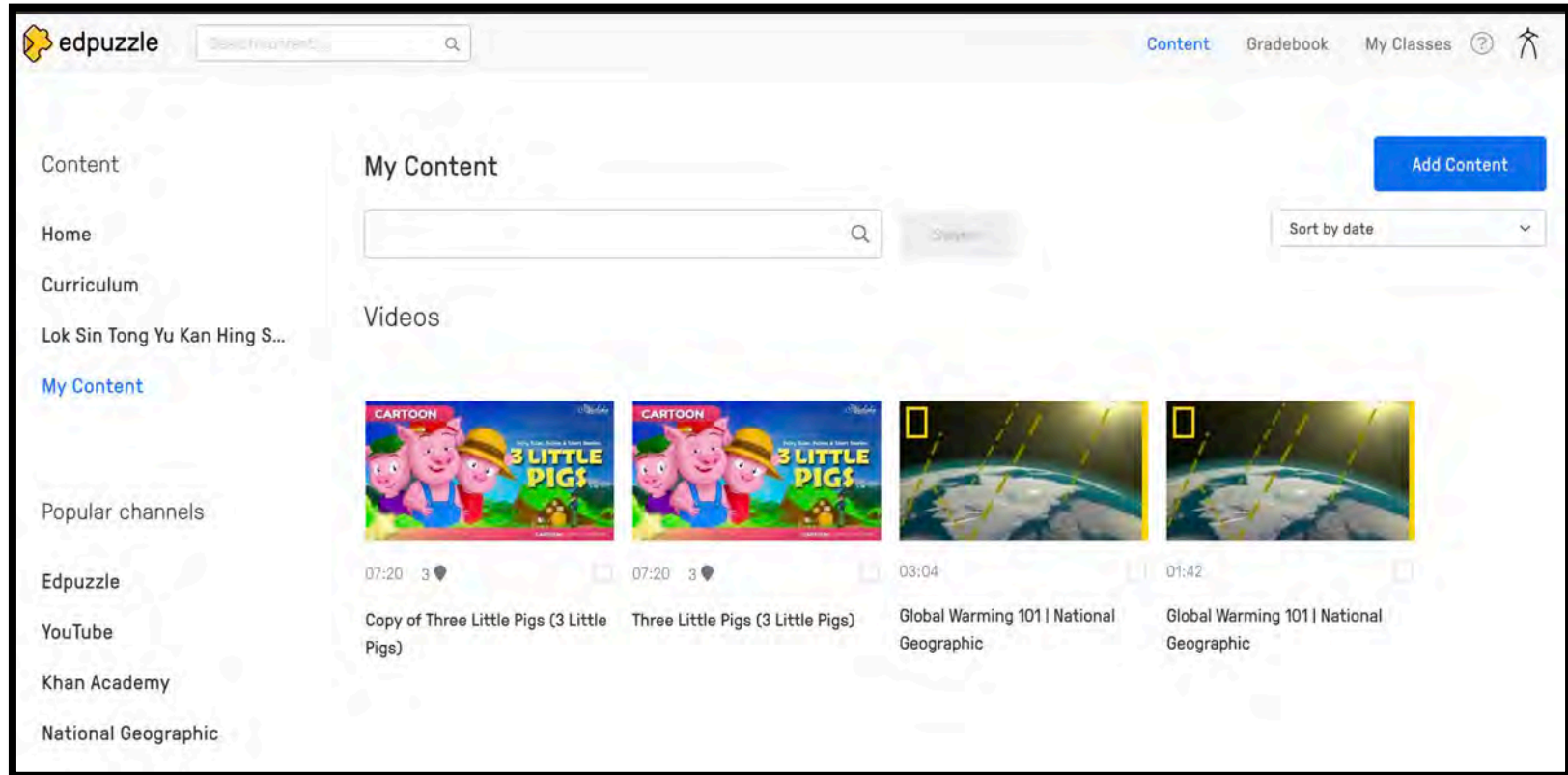
I'm a Student

Hi, teacher! Level up your lessons with
Edpuzzle.

 Sign in with Google

Sign up with Edpuzzle

4. 掌握如何提升及加強學教效能 -- Edpuzzle 戶口登記



The screenshot displays the Edpuzzle web application interface. At the top left is the Edpuzzle logo and a search bar. The top right contains navigation links for 'Content', 'Gradebook', and 'My Classes', along with help and user icons. A sidebar on the left lists navigation options: 'Content', 'Home', 'Curriculum', 'Lok Sin Tong Yu Kan Hing S...', 'My Content' (highlighted in blue), 'Popular channels', 'Edpuzzle', 'YouTube', 'Khan Academy', and 'National Geographic'. The main area is titled 'My Content' and includes a search bar, a 'Sort by date' dropdown menu, and a blue 'Add Content' button. Below this, a 'Videos' section shows four video thumbnails. The first two are '3 LITTLE PIGS' (07:20) with a heart icon, and the last two are 'Global Warming 101 | National Geographic' (03:04 and 01:42) with a heart icon.

edpuzzle

Content Gradebook My Classes ?

Content

Home

Curriculum

Lok Sin Tong Yu Kan Hing S...

My Content

Popular channels

Edpuzzle

YouTube

Khan Academy

National Geographic

My Content

Add Content

Sort by date

Videos

CARTOON 3 LITTLE PIGS

CARTOON 3 LITTLE PIGS

Global Warming 101 | National Geographic

Global Warming 101 | National Geographic

07:20 3

07:20 3

03:04

01:42

Copy of Three Little Pigs (3 Little Pigs)

Three Little Pigs (3 Little Pigs)

Global Warming 101 | National Geographic

Global Warming 101 | National Geographic

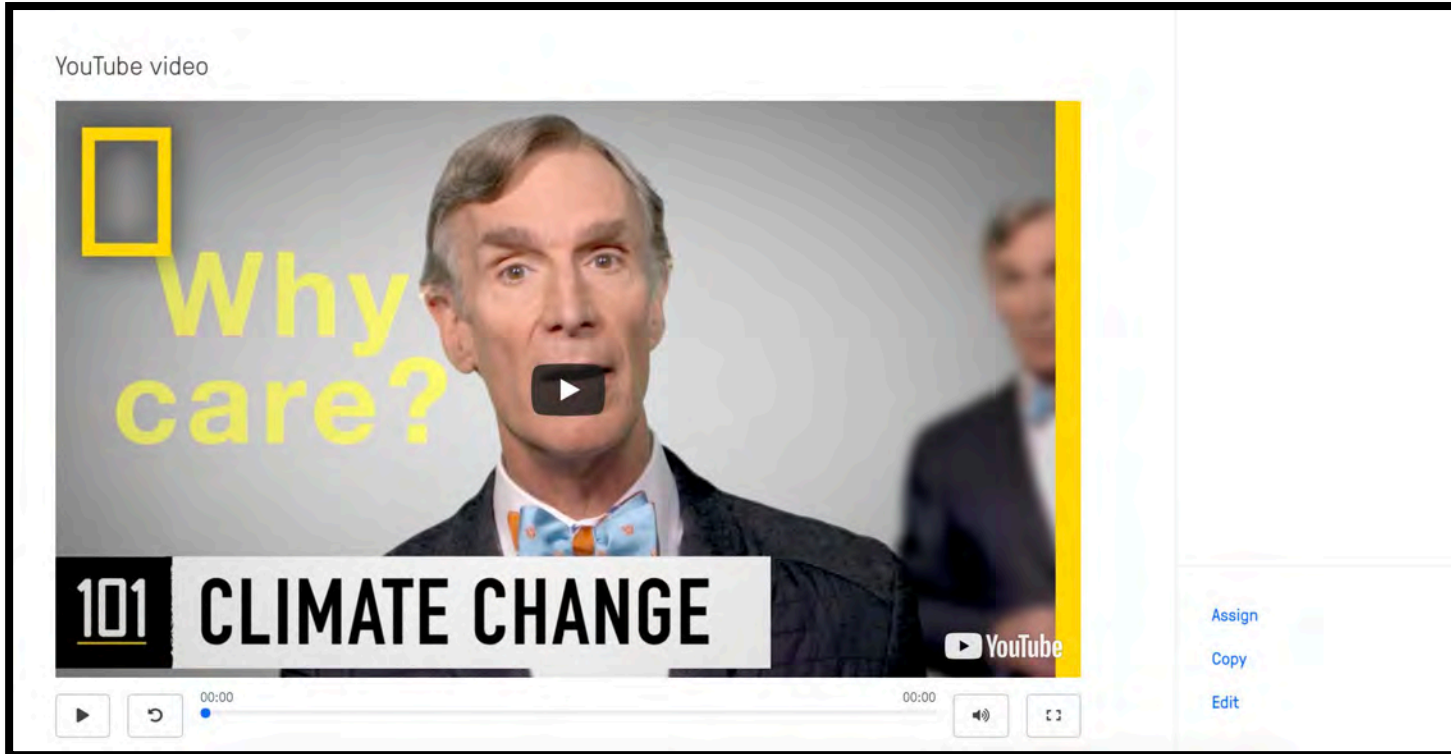


4. 掌握如何提升及加強學教效能 -- Edpuzzle 搜尋片段



4. 掌握如何提升及加強學教效能 -- Edpuzzle 編輯軟件(EDIT)

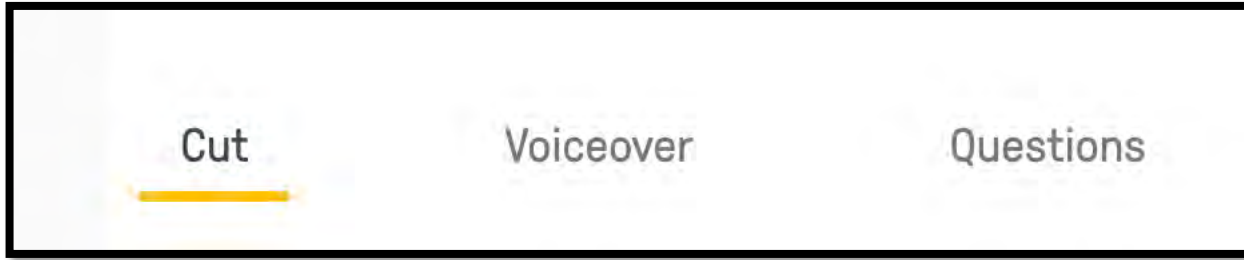
YouTube video



The image shows a screenshot of the Edpuzzle interface. On the left, a video player is embedded. The video content shows a man in a suit and a blue bow tie with the text "Why care?" in large yellow letters. A yellow rectangular selection box is drawn over the top-left corner of the video frame. Below the video, a white text box contains the text "101 CLIMATE CHANGE" in black. The video player controls at the bottom show a play button, a progress bar at 00:00, and volume and full-screen icons. On the right side of the interface, there are three blue buttons: "Assign", "Copy", and "Edit".



4. 掌握如何提升及加強學教效能 -- Edpuzzle 編輯軟件(EDIT)



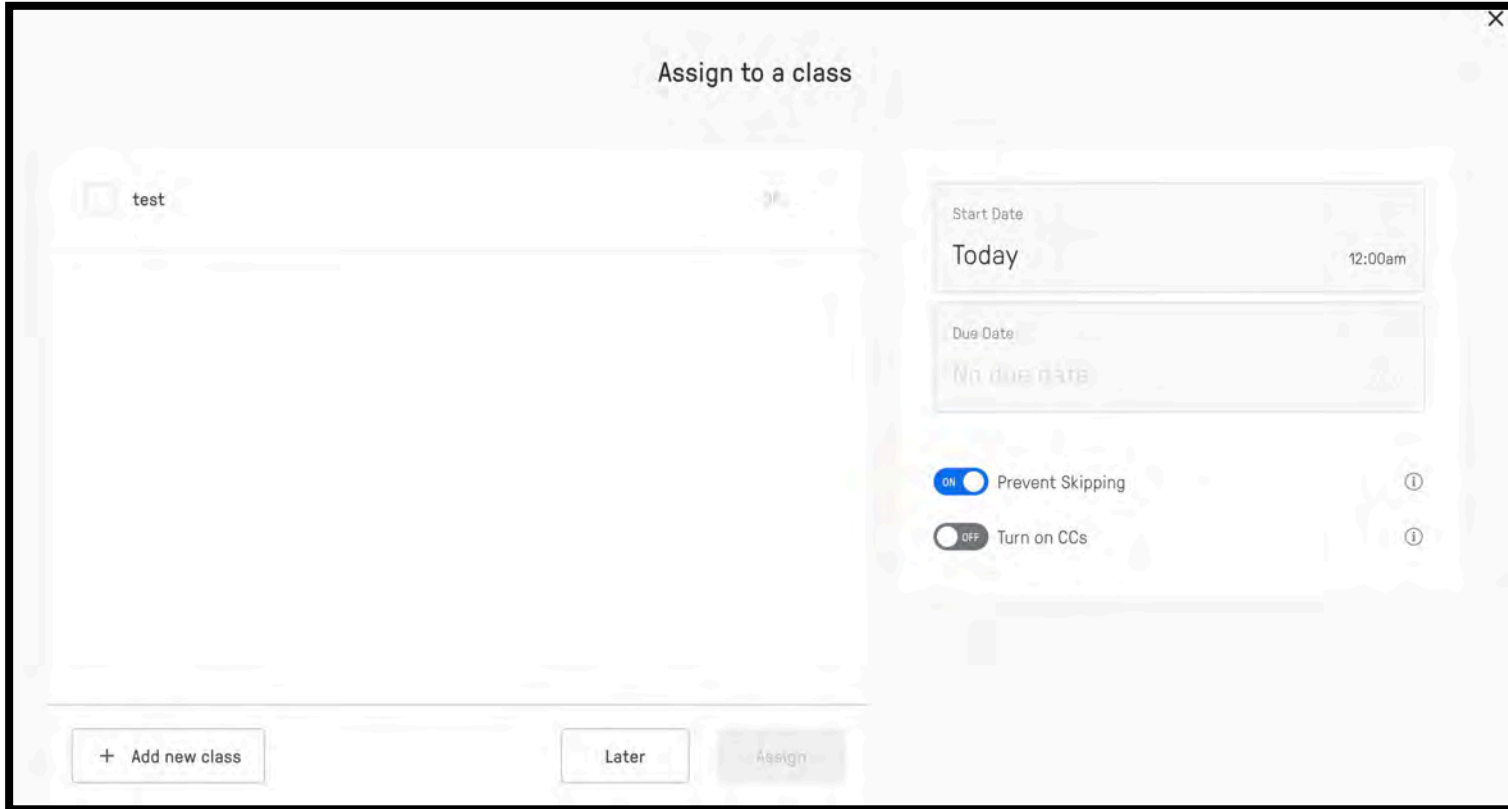
4. 掌握如何提升及加強學教效能 -- Edpuzzle 設定題目

The screenshot displays the Edpuzzle interface for editing a video. At the top, three tabs are visible: 'Cut', 'Voiceover', and 'Questions', with 'Questions' being the active tab. The video content shows a slide titled 'CLIMATE CHANGE' with handwritten annotations: 'LONG TERM WEATHER PATTERNS' with an arrow pointing to the title, 'EFFECTS OF GLOBAL WARMING' with a sub-point 'CONSEQUENCES:', and three images labeled 'DROUGHTS', 'HURRICANES', and 'FLOODS' with the text 'MORE COMMON AND SEVERE' next to them. A legend on the right lists three question types: 'Multiple-choice question' (blue icon), 'Open-ended question' (purple icon), and 'Note' (black icon). Below the legend, a lightbulb icon is followed by the text 'Why add these?' and a paragraph: 'Create questions to see which students understood the lesson, and add notes to give more information or get students' attention with a quick audio note!'. At the bottom, a video player shows a play button, a progress bar at 04:43, and a total duration of 06:14.

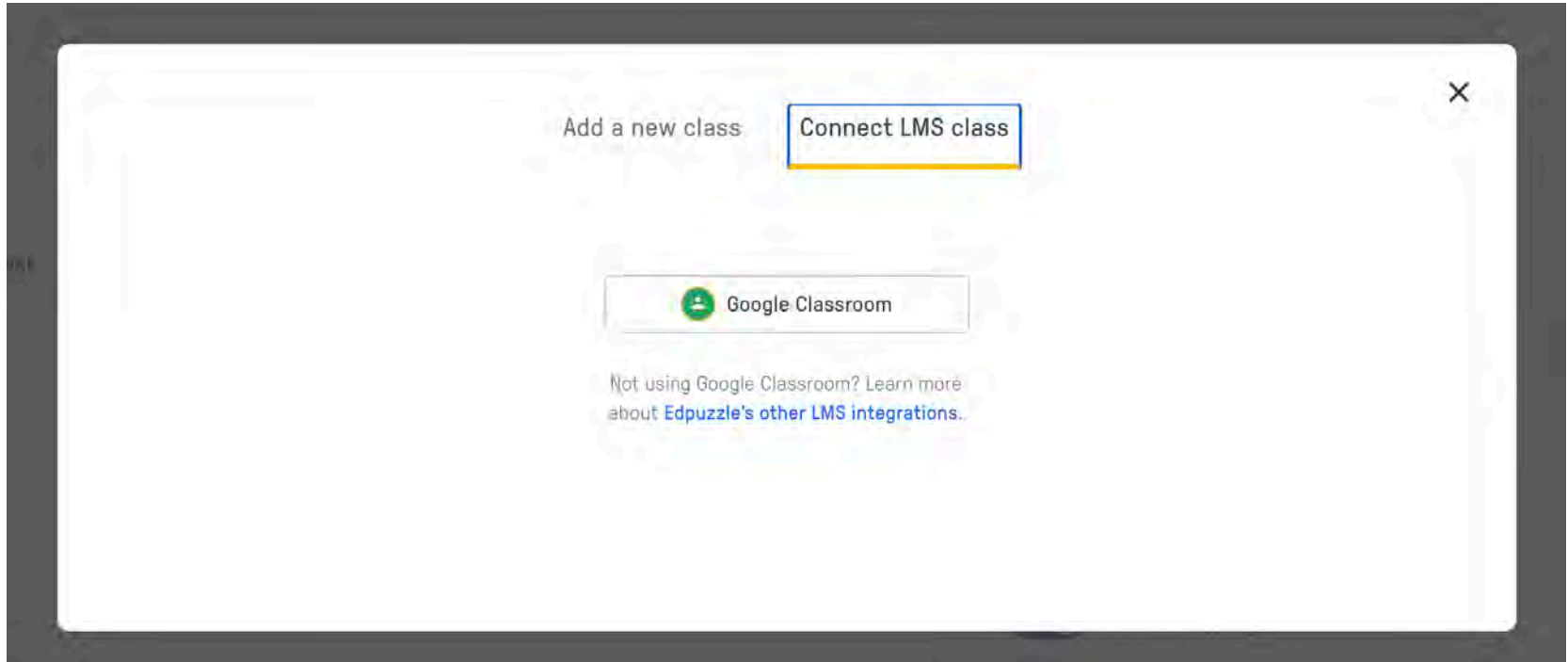
4. 掌握如何提升及加強學教效能 -- Edpuzzle 派發教件

The screenshot displays the Edpuzzle platform interface. At the top left is the Edpuzzle logo and a search bar. The main content area shows a YouTube video player with the title "GLOBAL WARMING" and a play button overlay. The video frame contains various illustrations: a person standing on a globe, a cow, a city skyline, and several chemical structures (molecules). The video player includes a progress bar at the bottom showing 00:00 / 06:14. On the right side, there is a sidebar with options: Assign, Edit, Duplicate, Share preview, Delete, and Public.

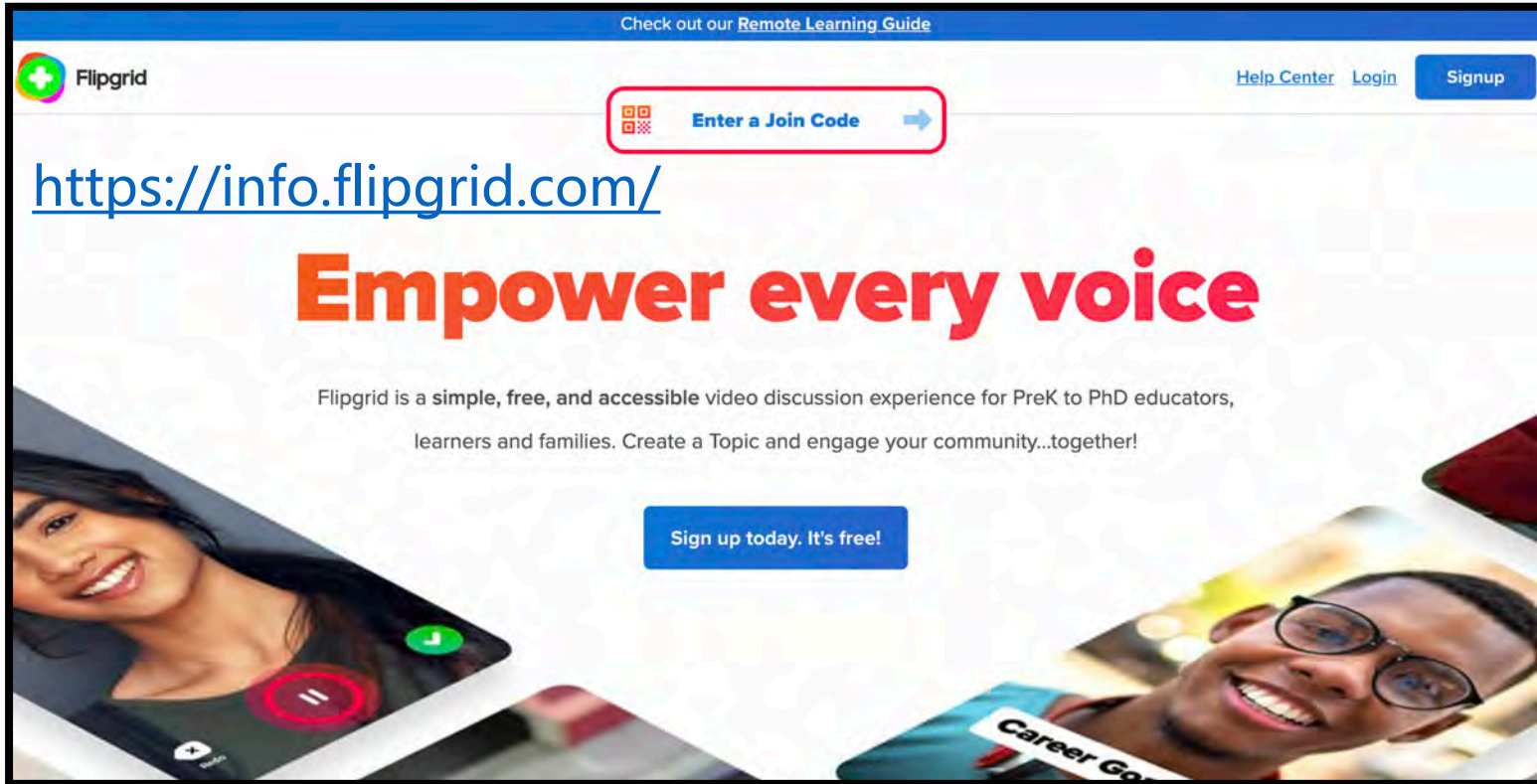
4. 掌握如何提升及加強學教效能 -- Edpuzzle 派發教件



4. 掌握如何提升及加強學教效能 -- Edpuzzle 派發教件 (LMS)



4. 掌握如何提升及加強學教效能 -- FlipGrid



The image shows the FlipGrid website homepage. At the top, there is a blue navigation bar with the FlipGrid logo on the left, a link to the "Remote Learning Guide", and "Help Center", "Login", and "Signup" buttons on the right. Below the navigation bar, there is a search bar with a grid icon and the text "Enter a Join Code" followed by a right-pointing arrow. The main heading is "Empower every voice" in large, bold, red font. Below this, a paragraph states: "Flipgrid is a simple, free, and accessible video discussion experience for PreK to PhD educators, learners and families. Create a Topic and engage your community...together!". A blue button with the text "Sign up today. It's free!" is centered below the paragraph. The background features images of a smiling woman on a tablet and a smiling man with glasses on a tablet. In the bottom right corner, there is a small logo with the letters "ELST" in red, yellow, green, and blue.

Check out our [Remote Learning Guide](#)

Flipgrid

[Help Center](#) [Login](#) [Signup](#)

Enter a Join Code →

<https://info.flipgrid.com/>

Empower every voice

Flipgrid is a simple, free, and accessible video discussion experience for PreK to PhD educators, learners and families. Create a Topic and engage your community...together!

[Sign up today. It's free!](#)


ELST


4. 掌握如何提升及加強學教效能 -- FlipGrid戶口登記

Looking to join your discussion? [Enter a Join Code!](#)

Educator Sign Up

Students and participants do not need accounts.
Simply [enter your Join Code!](#)

 Sign up with Google

 Sign up with Microsoft

By continuing, I agree to Flipgrid's [Terms of Use](#)
and [Privacy Policy](#).

[Already have an account?](#)

Hi, Ho Wai! 🎉

Tell us a little about yourself.

First Name
Ho Wai

Last Name
Man

Country/Region

Grade/Age of your learner community

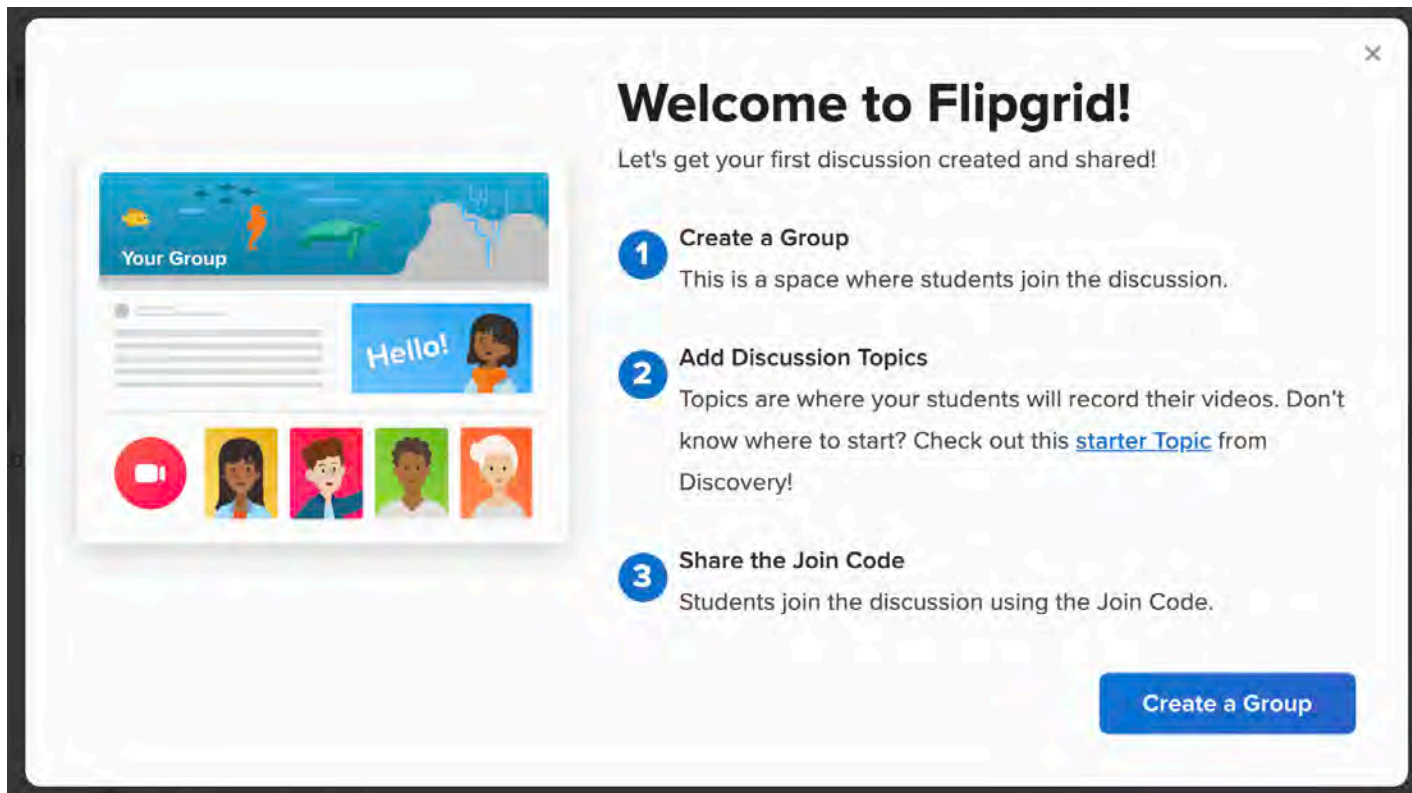
Date of Birth ?

Month Day Year

See Flipgrid's [best practices](#) and make sure to collect [consent forms](#) from students as needed.

Let's Go!

4. 掌握如何提升及加強學教效能 -- FlipGrid 三步曲



Welcome to Flipgrid!

Let's get your first discussion created and shared!

1 Create a Group
This is a space where students join the discussion.

2 Add Discussion Topics
Topics are where your students will record their videos. Don't know where to start? Check out this [starter Topic](#) from Discovery!

3 Share the Join Code
Students join the discussion using the Join Code.

[Create a Group](#)

The screenshot shows a preview of a FlipGrid group interface on the left. It features a header with the text "Your Group" and an underwater scene with a yellow fish, an orange fish, a green turtle, and a white rock formation. Below the header is a text input field and a "Hello!" message with a female avatar. At the bottom, there is a red video camera icon and a row of five diverse avatars.



4. 掌握如何提升及加強學教效能 -- FlipGrid 第一步 (開GP)

Let's make a Group

Groups are for your classroom or community.

- 1** Set up your Group
Add your Group details and personalize.
- 2** Add your participants
Choose who can join the discussion by making the Group private or public.

Next



4. 掌握如何提升及加強學教效能 -- FlipGrid 第一步 (開GP)

Create a new Group

Groups allow you to organize and share multiple Topics with your learning community.

Details

* Group Name

The name for your community or classroom.

0/45

Join Code

Students use this code to join the group.

7/20

flipgrid.com/man1901

Available

Accepts letters a-z and numbers 0-9. All letters will be saved in lowercase.

4. 掌握如何提升及加強學教效能 -- FlipGrid 第一步 (開GP)

* Permissions

Add your students

Use private permissions for classroom discussions or public permissions for larger learning communities. Public Groups should not be used in classrooms. [Learn more about permission types.](#)



Student Email



Student Username

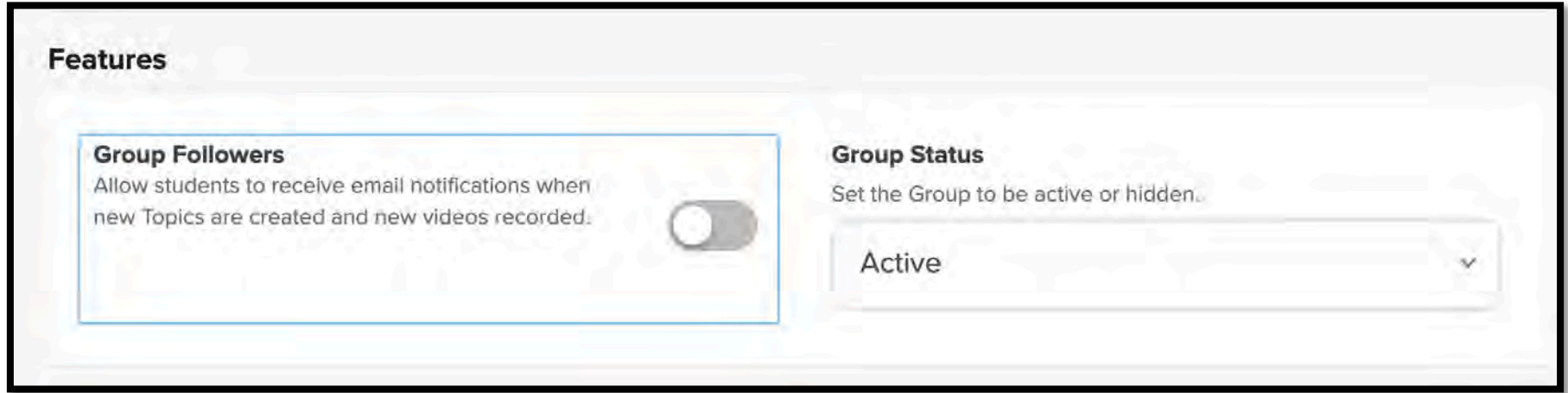


Google Classroom



Public

4. 掌握如何提升及加強學教效能 -- FlipGrid 第一步 (開GP)

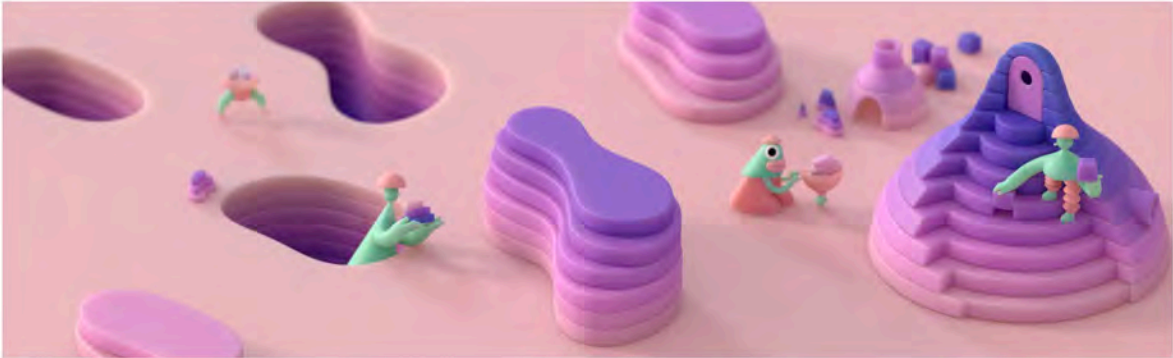


4. 掌握如何提升及加強學教效能 -- FlipGrid 第一步 (開GP)

Personalize
Select an image for the Group cover, or upload an image of your own to personalize.

Drop an image file or click to browse.

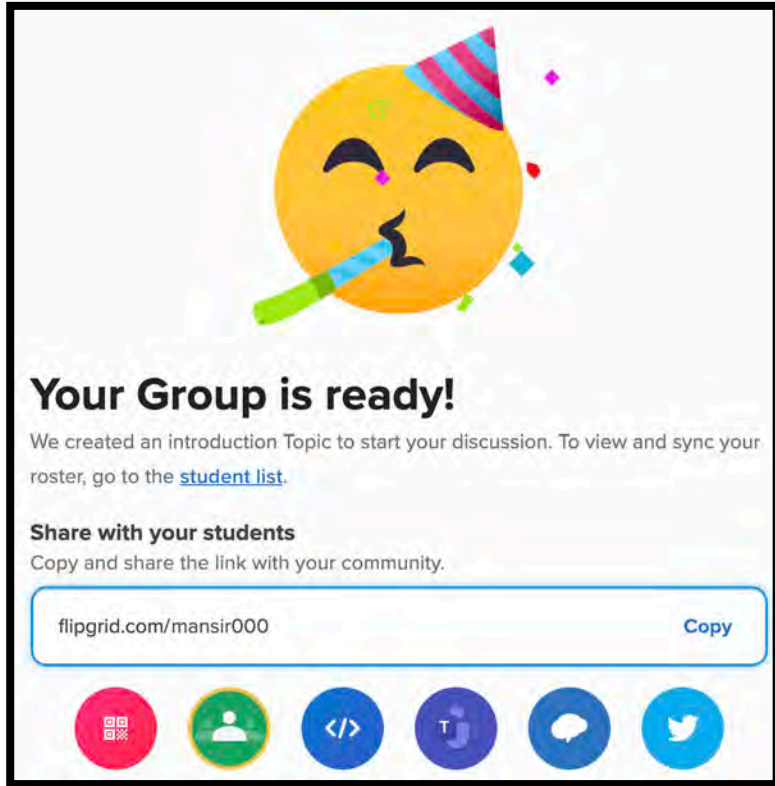
(We currently support JPEGs and PNGs. Recommended size for uploaded images is 1500 px by 500 px - you will be able to crop.)



ST)
png



4. 掌握如何提升及加強學教效能 -- FlipGrid 第一步 (開GP)



The image shows a confirmation screen from FlipGrid. At the top is a yellow emoji with a party hat and a lit firecracker. Below it, the text reads: "Your Group is ready!". A paragraph follows: "We created an introduction Topic to start your discussion. To view and sync your roster, go to the [student list](#)." Underneath is a section titled "Share with your students" with the instruction "Copy and share the link with your community." A text input field contains the URL "flipgrid.com/mansir000" and a "Copy" button. At the bottom are six circular icons: a QR code, a person, code symbols, a group of people, a speech bubble, and the Twitter logo.

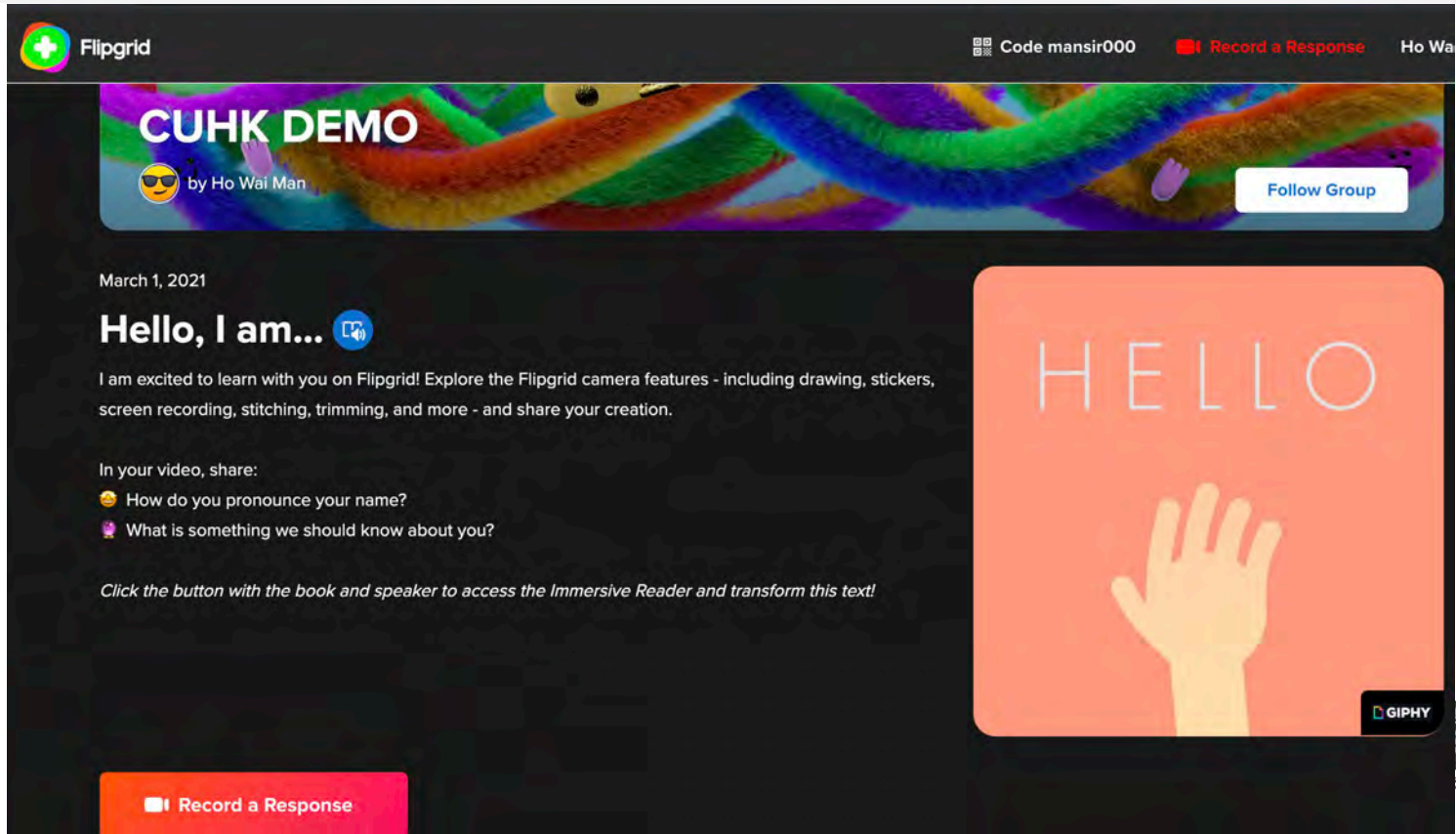
Your Group is ready!

We created an introduction Topic to start your discussion. To view and sync your roster, go to the [student list](#).

Share with your students
Copy and share the link with your community.

flipgrid.com/mansir000 Copy

4. 掌握如何提升及加強學教效能 -- FlipGrid 第二步 (加入討論專題)



The screenshot shows a FlipGrid interface for a group named 'CUHK DEMO' created by 'Ho Wai Man'. The group was created on March 1, 2021. The main post is titled 'Hello, I am...' and includes a video player showing a hand with the word 'HELLO' written above it. The post text describes the FlipGrid features and provides two discussion questions. A 'Record a Response' button is visible at the bottom left.

Flipgrid Code mansir000 Record a Response Ho Wa

CUHK DEMO

by Ho Wai Man Follow Group

March 1, 2021

Hello, I am...

I am excited to learn with you on Flipgrid! Explore the Flipgrid camera features - including drawing, stickers, screen recording, stitching, trimming, and more - and share your creation.

In your video, share:

- How do you pronounce your name?
- What is something we should know about you?

Click the button with the book and speaker to access the Immersive Reader and transform this text!

Record a Response



4. 掌握如何提升及加強學教效能 -- FlipGrid 第二步 (加入討論專題)

0 Responses

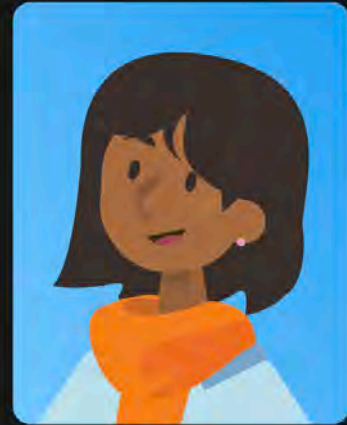
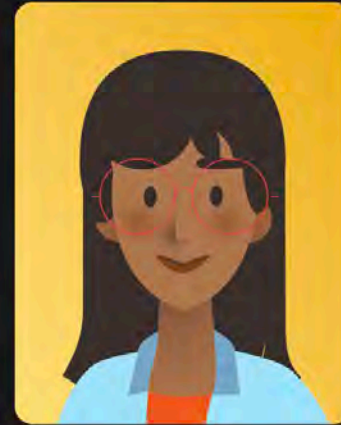
0 views · 0 comments · 0.0 hours of engagement

Search

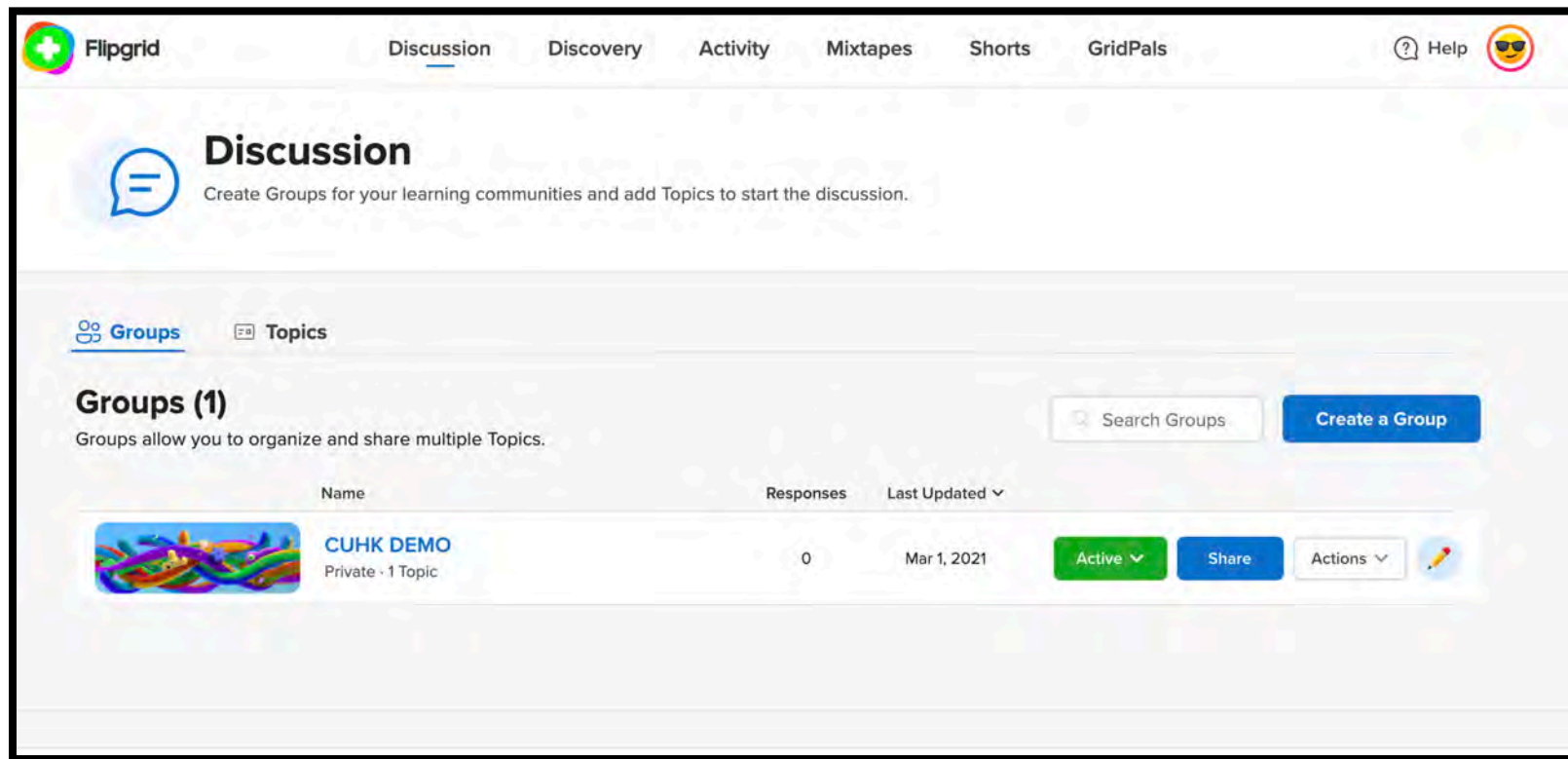


Record a Response



Record a Response to
share your voice!



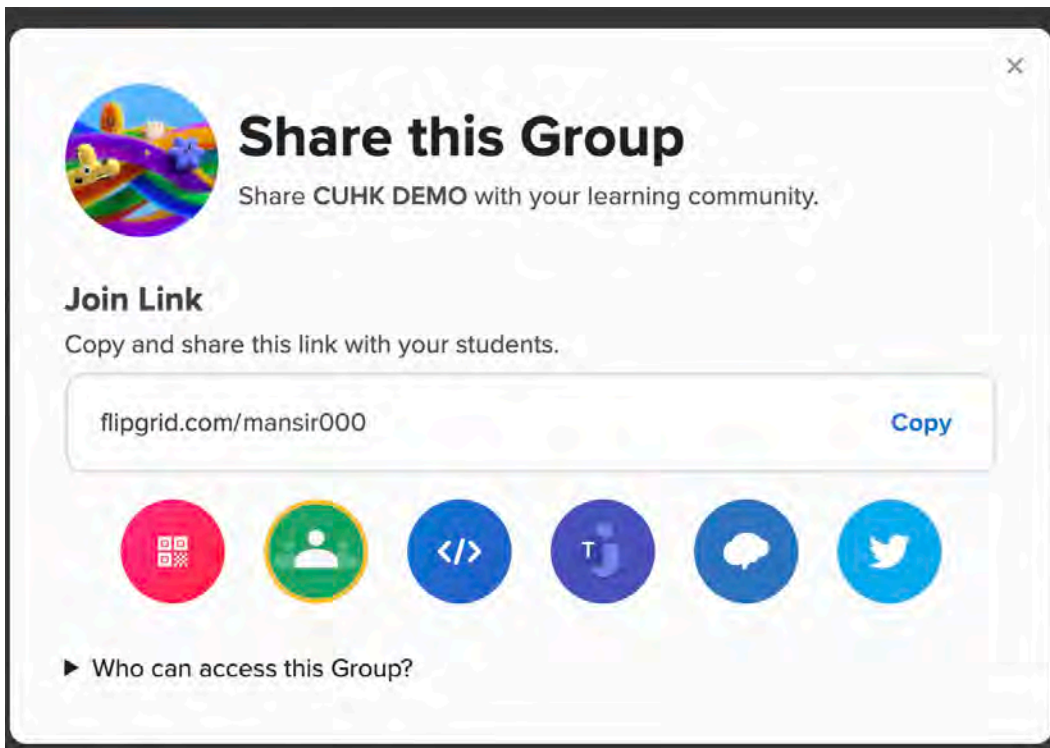
4. 掌握如何提升及加強學教效能 -- FlipGrid 第二步 (加入討論專題)



The screenshot shows the FlipGrid interface. At the top, there is a navigation bar with the FlipGrid logo and menu items: Discussion (selected), Discovery, Activity, Mixtapes, Shorts, and GridPals. On the right, there are links for Help and a user profile icon. Below the navigation bar, the 'Discussion' section is highlighted, with a sub-header 'Discussion' and a description: 'Create Groups for your learning communities and add Topics to start the discussion.' Below this, there are tabs for 'Groups' (selected) and 'Topics'. The 'Groups (1)' section is displayed, featuring a search bar, a 'Create a Group' button, and a table of existing groups.

Name	Responses	Last Updated	Actions
 CUHK DEMO Private · 1 Topic	0	Mar 1, 2021	Active ▾ Share Actions ▾ 

4. 掌握如何提升及加強學教效能 -- FlipGrid 第三步 (分享參與)



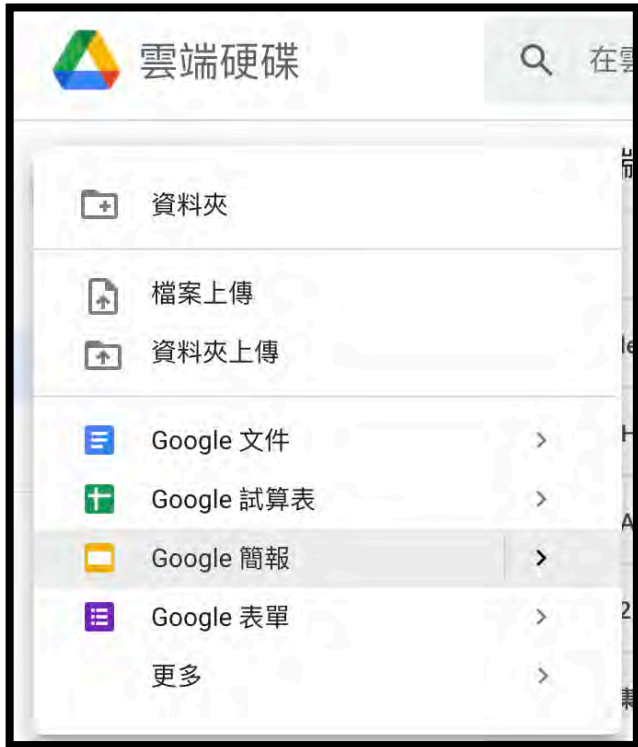
The screenshot shows a 'Share this Group' dialog box from FlipGrid. At the top left is a circular profile picture of a colorful landscape with a rainbow and a purple path. To its right, the text reads 'Share this Group' in bold, followed by 'Share CUHK DEMO with your learning community.' Below this is a section titled 'Join Link' with the instruction 'Copy and share this link with your students.' A text input field contains the URL 'flipgrid.com/mansir000' and a blue 'Copy' button is to its right. At the bottom, there is a row of six circular social media sharing icons: a red QR code icon, a green person icon, a blue code icon, a purple Facebook icon, a blue speech bubble icon, and a blue Twitter icon. At the very bottom left, there is a dropdown menu with the text 'Who can access this Group?'.



Clips

4. 掌握如何提升及加強學教效能 -- Pear Deck (with Google Slide)

<https://www.google.com/drive/>



4. 掌握如何提升及加強學教效能 -- Pear Deck (with Google Slide)

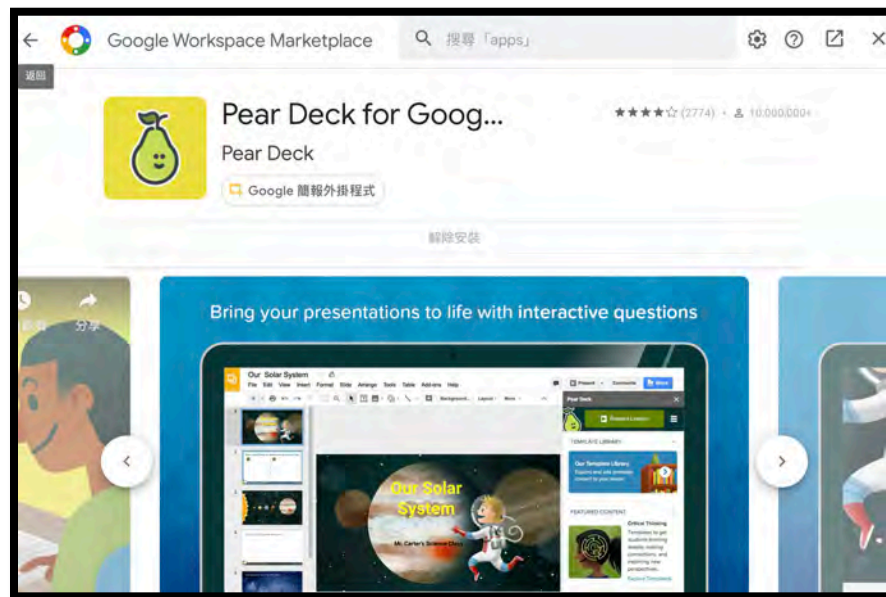
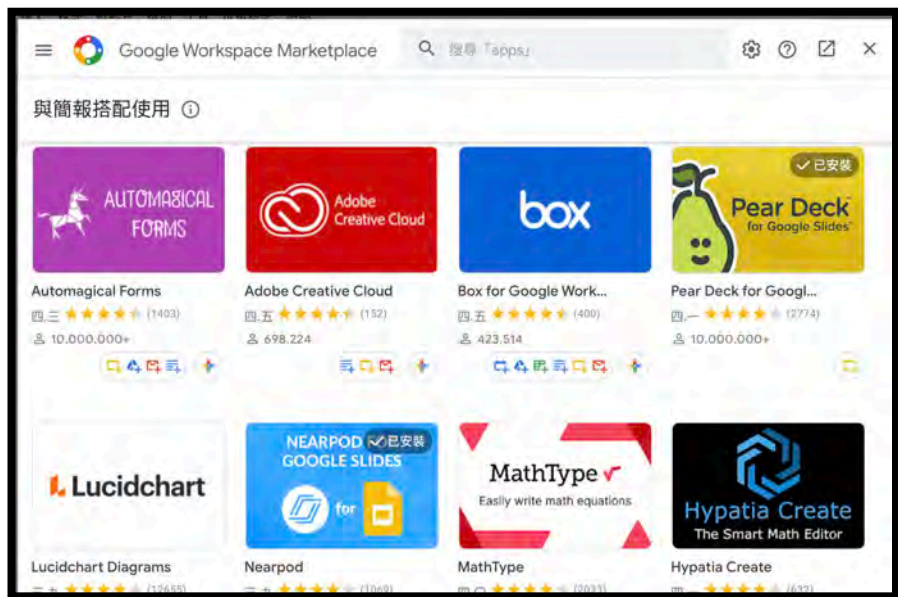


The screenshot displays the Pear Deck interface for editing a Google Slide. The main slide area shows a title "按一下即可新增標題" and a subtitle "按一下即可新增子標題". The interface includes a top menu bar with options like "檔案", "編輯", "查看", "插入", "格式", "投影片", "排列", "工具", "外掛程式", and "說明". A toolbar below the menu contains various editing tools. On the right side, there is a "主題" (Theme) panel with a dropdown menu "這份簡報中的主題" and three theme options: "極簡白" (Minimal White), "極簡黑" (Minimal Black), and "極簡灰" (Minimal Gray). Each theme option shows a preview of the slide with the corresponding theme. A "匯入主題" (Import Theme) button is located at the bottom right of the theme panel. The slide number "1" is visible in the top left corner, and a slide navigation bar is at the bottom.

4. 掌握如何提升及加強學教效能 -- Pear Deck (加入 add-on)



4. 掌握如何提升及加強學教效能 -- Pear Deck (加入 add-on)



4. 掌握如何提升及加強學教效能 -- Pear Deck (匯入投影片)

匯入投影片 ×

6 thinking hats.pptx 選取投影片：全部無

1 Six Thinking Hats

2 Intro's website

3 White Hat Thinking

4 Yellow Hat Thinking Benefits

5 Black Hat Thinking Cautions

6 Green Hat Thinking Creativity

7 Red Hat Thinking Feelings

8 Blue Hat Thinking Process

保留原始主題

返回 已選取 8 張投影片 取消 匯入投影片

4. 掌握如何提升及加強學教效能 -- Pear Deck (匯入投影片)

無標題簡報 ☆ 圖 云

檔案 編輯 查看 插入 格式 投影片 排列 工具 外掛程式 說明 上次編輯是在數秒前

注 背景 版面配置 主題 轉場效果

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

1

2 Six Thinking Hats
Blue Hat Focus
White Hat Facts
Red Hat Emotions
Yellow Hat Benefits
Black Hat Cautions

3

4 Weekly Test Thinking
- Information and data
- Neutral and objective
- What do I know?
- What do I need to find out?
- How will I test the information I need?

5 Yellow Hat Thinking Benefits
- Positives, plus points.
- Logical reasons are given.
- Why an idea is useful.

6 Black Hat Thinking Cautions
- Difficulties, weaknesses, dangers.
- Logical reasons are given.

按一下即可新增演講者備忘稿

主題

這份簡報中的主題

按一下即可新增標題
按一下即可新增子標題

極簡白

按一下即可新增標題
按一下即可新增子標題

極簡黑

按一下即可新增標題

匯入主題

4. 掌握如何提升及加強學教效能 -- Pear Deck (設計教件)

外掛程式 說明 上次編輯是在 4 分鐘前

文件外掛程式

17 | 18 | 19 | 20 | 21 | 22 | 23 | 24

Nearpod ▶

Pear Deck for Google Slides Add-on ▶

取得外掛程式

管理外掛程式

Open Pear Deck Add-on

說明


4. 掌握如何提升及加強學教效能 -- Pear Deck (加入題目)

TEMPLATE LIBRARY

Our Template Library
Explore and add premade content to your lesson


ASK STUDENTS A QUESTION
Adds a question to your current slide:


abc
Text


Choice

123
Number

www
Website


Draw


Draggable™

ADD AUDIO
Record or upload audio files for your lesson:

Add Audio to Slide

FEATURED CONTENT

Be Internet Awesome.

Make every day Safer Internet Day with this free digital citizenship curriculum!

Add to Drive

About Our Add-on
Add interactive questions to your existing slides, or explore our slide library and add premade content to your lesson.

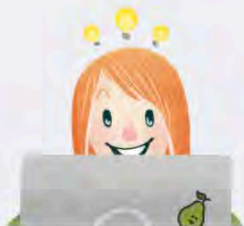
es (CLST)
ong Kong



4. 掌握如何提升及加強學教效能 -- Pear Deck (分派教件)

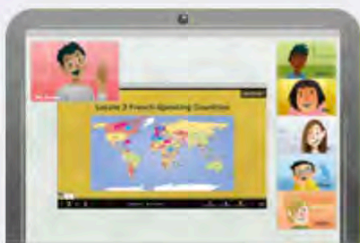
Choose Your Lesson Mode

You can always change this later.



Student-Paced Activity

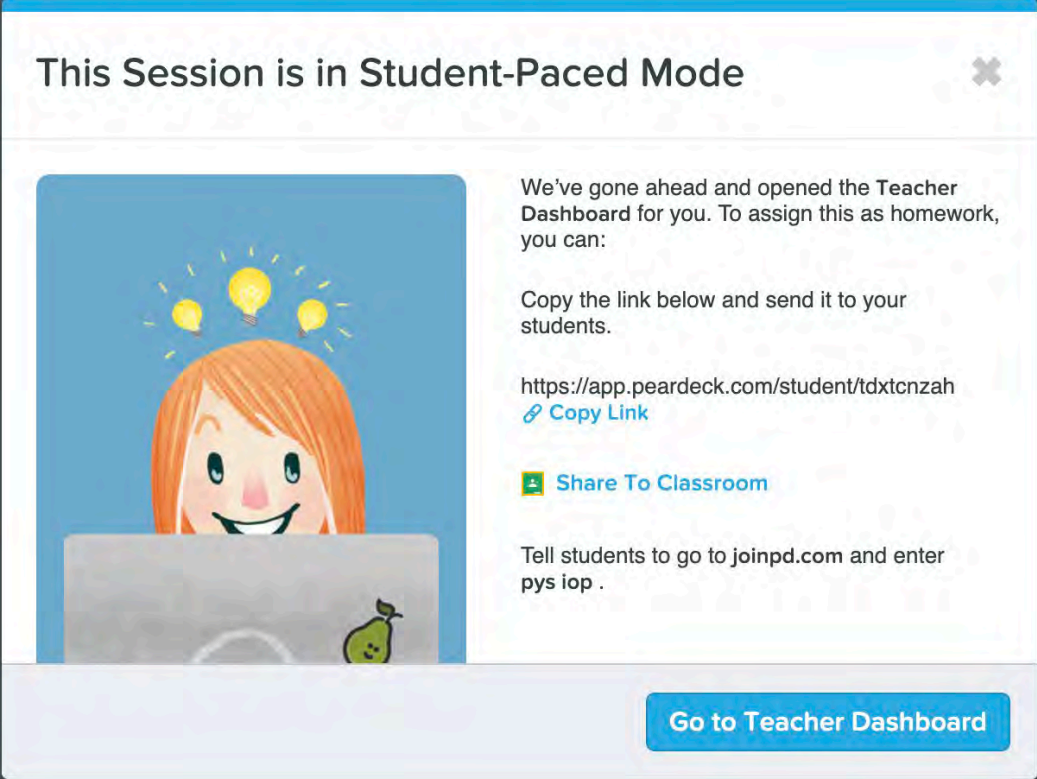
Pear Deck **Student-Paced Mode** allows you to get all the power of Pear Deck engagement even when students are working through lessons at their own pace, asynchronously.



Instructor-Paced Activity

If you are connected with your students in **real-time** (virtually or otherwise), use this mode to guide them through the lesson and see their responses synchronously.

4. 掌握如何提升及加強學教效能 -- Pear Deck (分派教件)



This Session is in Student-Paced Mode

We've gone ahead and opened the Teacher Dashboard for you. To assign this as homework, you can:

Copy the link below and send it to your students.

<https://app.peardeck.com/student/tdxtcnzah>
[Copy Link](#)

[Share To Classroom](#)

Tell students to go to joinpd.com and enter `pys iop`.

[Go to Teacher Dashboard](#)

The screenshot shows a notification window with a blue header and a close button. On the left is an illustration of a girl with orange hair and lightbulbs above her head, sitting at a laptop with a pear sticker. The main text provides instructions on how to assign homework via the Teacher Dashboard, including a URL and a 'Copy Link' button. There is also a 'Share To Classroom' button. At the bottom, it instructs to go to joinpd.com with a specific code and provides a 'Go to Teacher Dashboard' button.

4. 掌握如何提升及加強學教效能 -- Pear Deck (分派教件)

joinpd.com

mpinpa

Misty Pears Instantly Notice Purple Avocados

Waiting for students...

No students connected

Give Students a Link Open Teacher Dashboard

Move this window to your classroom projector so your students can connect to this presentation.

5. 掌握如何選擇合適的學習管理系統及資訊科技工具，於中文科
促進學生自主學習



學會學習2+ — 香港學校課程

課程寬廣而均衡，提供多元和專門的選擇，以配合學生在學術、專業和職業的發展需要。

培養學生終身學習及自主學習的能力

促進學生全人發展

多元出路

七個學習宗旨

五種基要學習經歷

德育及公民教育

智能發展

社會服務

體藝發展

與工作有關的經驗

核心科目

中國語文
英國語文
數學
通識教育科

選修科目

20個選修科目
應用學習
其他語言

其他學習經歷

德育及公民教育
社會服務
藝術發展
體育發展
與工作有關的經驗

四個關鍵項目：達至主要更新重點(初、高中)
STEM 教育和資訊科技教育、價值觀教育(包括德育及公民教育與基本法教育)、跨課程語文學習(包括閱讀)等

中國語文教育

英國語文教育

數學教育

科學教育

科技教育

個人、社會及人文教育

藝術教育

體育

學習領域

學習領域

學習領域

學習領域

學習領域

學習領域

學習領域

學習領域

常識科

價值觀和態度、技能和知識

語文

幼兒數學

大自然與生活

個人與群體

藝術與創意

體能與健康

價值觀和態度 七種首要價值觀

- 堅毅
- 尊重他人
- 責任感
- 國民身份認同
- 承擔精神
- 誠信
- 關愛

共通能力

- 基礎能力
 - 溝通能力
 - 數學能力
 - 運用資訊科技能力
- 思考能力
 - 明辨性思考能力
 - 創造力
 - 解決問題能力
- 個人及社交能力
 - 自我管理能力
 - 自學能力
 - 協作能力

中四至中六

高中

中一至中三

初中

小一至小六

小學

幼兒班至高班

幼稚園

七個學習宗旨（中學）

國民和全球公民身份認同

寬廣的知識基礎

語文能力

共通能力

資訊素養

生涯規劃

健康的生活方式

為實踐2000年教育統籌委員會所訂立的廿一世紀教育目標，課程發展議會訂出了學校課程的**七個學習宗旨**，以培養學生**終身學習**的能力及促進他們的**全人發展**。

5. 掌握如何選擇合適的學習管理系統及資訊科技工具，於中文科促進學生自主學習

教學：

- 多媒體學習輸入（文字/聲音/影片/圖表）

學習：

- 學習過程 + 學習成果
- 學生學習記錄檔
- 多角度思考（論點/ 論據）
- 專題研習

評估：

- 持續性評估 + 總結性評估
- 生生互評

6. 掌握如何通過學習管理系統及資訊科技工具，推展面授課堂及 實時網上教學



迎接「新常態」

2020-2021 新學年 教學「新常態」

- 常態一：正常回校進行學教活動
- 常態二：早上回校上課，下午在家遙距學教
- 常態三：全日在家遙距學教
- 常態四：某些級別回校上課，某些級別在家遙距學教

- Hybrid Model 混合模式
- 隨著 COVID19 疫情而改變



迎接「新常態」

1. 課堂教甚麼？（如何規劃好實體課時和內容？）
2. 在家學甚麼？（如何規劃好網絡課時和內容？）
3. 如何把學習互聯互通，各取所長？
4. 如何支援學生處理新常態的學習模式？
5. 科技？學術？
6. 學習管理系統的功效？
7. 資訊科技工具的功效？



習作講解

試就你所任教的中國語文科，**分享**三個在應用學習管理系統及 / 或資訊科技工具，發展學生的自主學習能力的**策略**

輸入：

<https://forms.gle/of1YapypnZGbHBXF6>



查看：

https://docs.google.com/spreadsheets/d/18SXqJgNwDLRJWCPnCb_Whj5yDMUp7EQI4e-dy3OHSqg/edit?usp=sharing



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