

透過網絡環境及流動裝置 促進課堂學習的策略

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- Teaching videos(flipped classroom) – google sites
- Managing online learning resources – Schoology
- Automatic grading – google form
- Interactive classroom – Plickers, nearpod, google classroom, padlet
- Learning tools- Note-taking (Evernote), Mindmapping tools
- Field experience – google map

電子學習

協作

合作

分享

討論

自主學習

電子教學

BIT, IIT, UIT, AIT

PPT

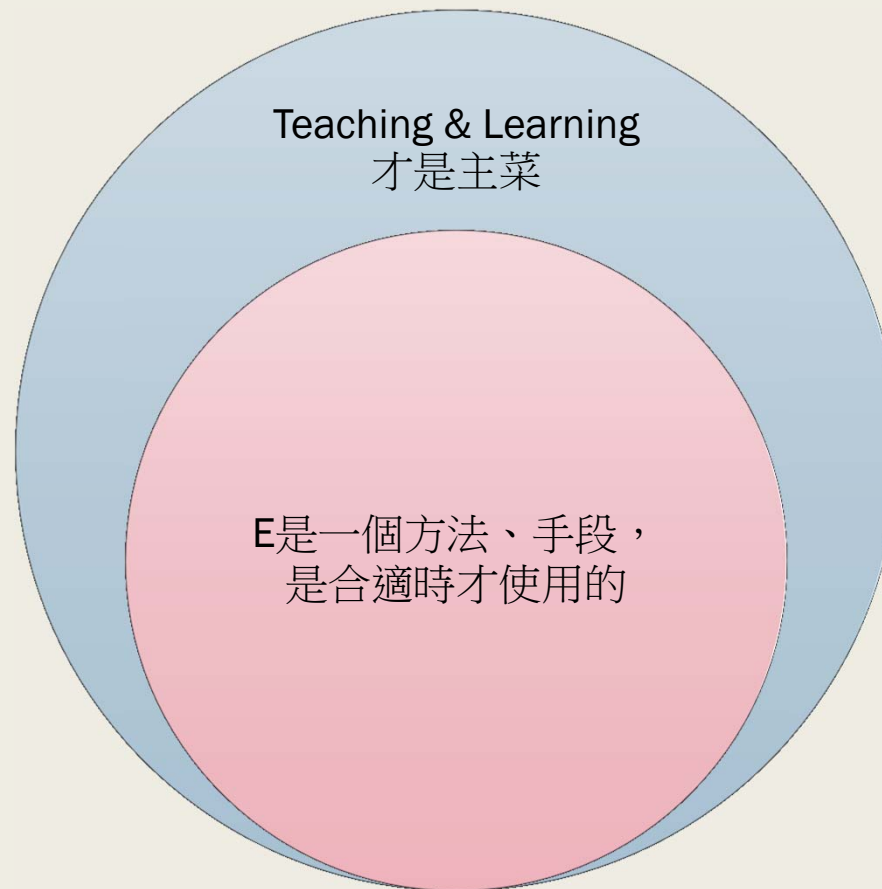
Video

Webpage

教學光碟

E-Teaching

eTeaching & eLearning



電子學習?



你真的在電子學習?



Online tools

We'd love for you to share your favourite online tools with us- this will form part of a unit for the PLN where participants explore tools and report back on their uses in education. Please include a link and a brief description of why you love the tool.

Storify

This is a brilliant digital storytelling tool that lets you build stories using video, pictures, text, tweets and more.



@mrpbps, Edmodo

The education social network created by teachers just gets better and better. Perfect for all areas of the curriculum. Don't forget to check out the Oz Edmodo group



@mrpbpsEvernote

As they say 'Remember everything' with Evernote. Because it's mobile and cloud based Evernote is always on hand



Screenr

Great tool for recording on-screen instructions which can then be viewed whenever needed



Ruth Dower/Tagxedo

Kids love it and it usually works in school which is a plus!



Megan Iemma, Today's Meet

Great for Staff Meetings (and for those who don't use twitter)

Can keep track of conversations i.e like a back channel.



@mrkmdvs, Google Drive

Not only does it keep me connected across all my devices, but it is also a really great collaborative tool



Ria Coffey/ Comic Life

A great comic generator - can also use to make awesome posters.



Padlet

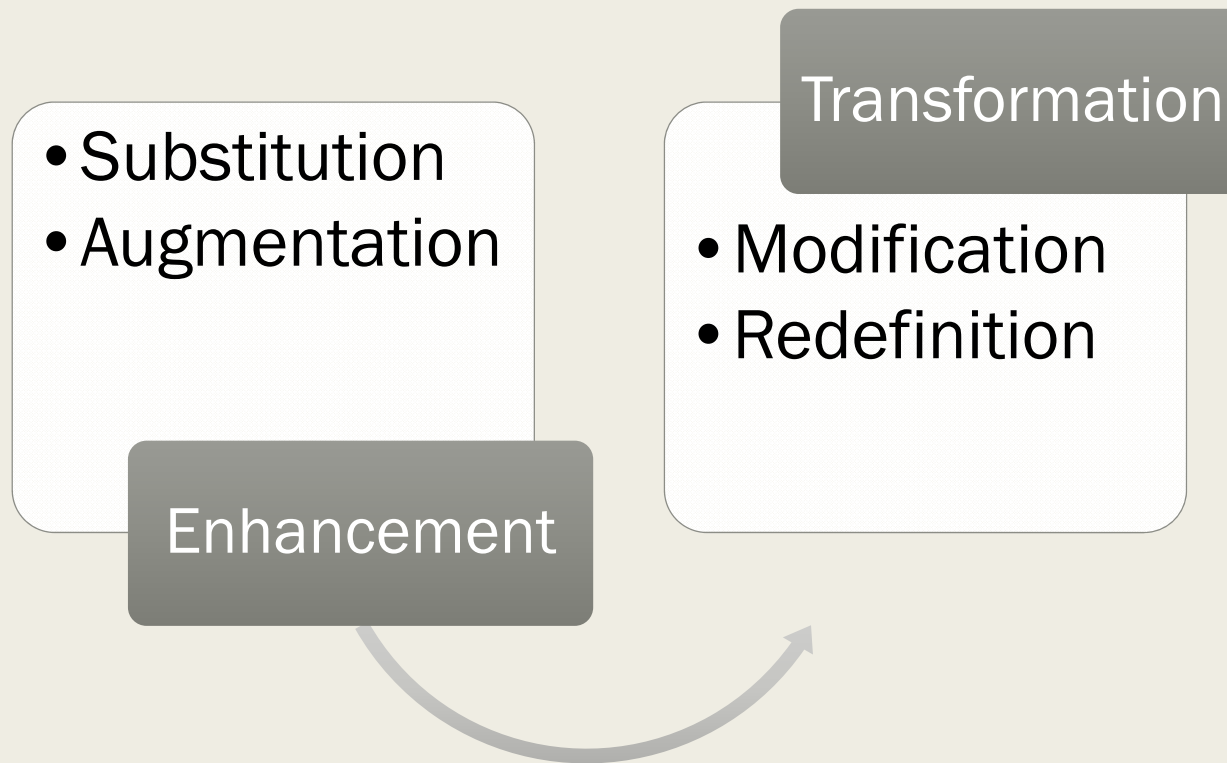
Padlet a virtual post it Great!



工具介紹

- Padlet
- Nearpod
- CRAM

進行步驟(SAMR Model)



Substitution

- ▶ 替代現有工具
- ▶ 習慣使用(學生與老師)
- ▶ 事例：
 - ▶ 資料瀏覽
 - ▶ 通識：考察工具
 - ▶ 中文科：以ipad作為考察工具，進行文學散步。
 - ▶ 科學：以ipad作為考察工具，把部份講解、探究內容、原始數據收集等由單一設備處理。
 - ▶ 生活與社會：部份課程內容以電子書教學。
 - ▶ 資訊素養科：網絡部份以電子書教學。
 - ▶ 經濟：以ipad展示教學材料，透過ipad的書寫功能，與學生分析教學材料。

Augmentation

- 提升效果/效能
- 事例：
 - 電子課業（自動批改）
 - 學生報告（協作平台）
 - 收集學生回應，作出即時回饋（Padlet, Nearpod, Socrative...）
 - ICT：使用padlet平台，讓學生分析題目、練習題目、分享及觀摩其他人的作答方法；還會用作討論必選單元E中的社會議題。
 - 中文科：利用Google文件的共同編輯的註釋功能，讓學生互評作品。

Modification

- 優化教學法
- 事例：
 - *Flip*
 - 旅遊科：以影片錄製功能，為每課錄製課堂總結，讓學生回家可重溫學習內容；還製作課程app，讓學生有深入溫習的工具。
 - 數學：製作基本數學能力片段，供學生課前預習及課後重溫。
 - 物理科：利用自製及網上片段，以網誌歸類，讓學生在課前預習；在課堂上使用Nearpod與學生即時互動並回饋學生的表現。

Redefinition

- 創新
- 事例：
 - *通識：透過協作平台，創造新的觀點。*