

香港普通話研習社 科技創意小學



在小學進行電子學習的學校規劃及應
用電子學習資源經驗分享會

蔡健聰 梁小欣



時段	時間	內容	主講
15:00-15:20	5分鐘	學校介紹	蔡健聰
	5分鐘	學校發展電子學習情況	蔡健聰
	5分鐘	學校電子器材	蔡健聰
	5分鐘	曾參與之電子學習計劃	蔡健聰
15:20-15:50	30分鐘	課程配合	蔡健聰 梁小欣
15:50-16:00	10分鐘	小休	
16:00-17:00	60分鐘	軟件試用	蔡健聰 梁小欣



學校介紹

- 香港普通話研習社
非牟利免稅慈善團體
於1976年成立以推廣普通話為
宗旨

辦學宗旨及特色



- 終身學習的能力
- 培養多元智能及創意思維
- 優良的品格
- 兩文多語
- 資訊科技
- 環保與生態教育

學校發展電子學習情況



- 辦學團體在建校之初已訂立「資訊科技」為其中一項重點發展項目
- 學校一直致力於各科滲入資訊科技元素，包括生態教育、電子美術等

學校發展電子學習情況



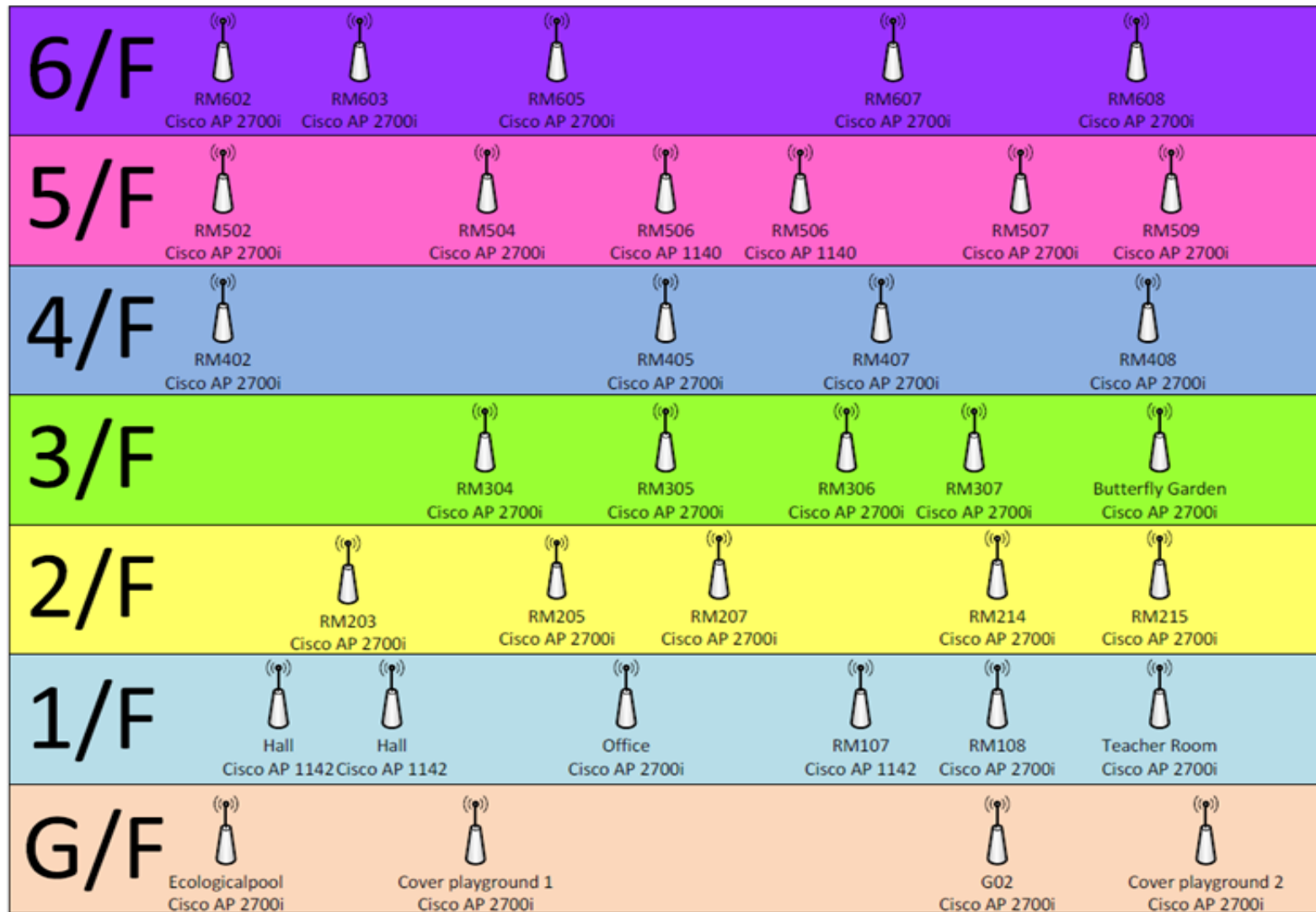
- 配備足夠的硬件設備，如三間電腦室、完善的wifi網絡及提供技術支援的IT小組
- 設立電子學習班，計劃已推行七年，不同持份者認同成效
- 現已參與教育局及香港中文大學有關電子教學的三年計劃，以全面檢視電子教學成效及可改善的地方

學校發展電子學習情況



- 部份校舍範圍早期已鋪設無線網絡，但覆蓋不全面
- 面對教育局第四個資訊科技教育策略，借WIFI 100計劃重鋪全校無線網絡
- 希望學生學習能走出教室

全校無線網絡覆蓋



電子學習班



一指傍身

家校無憂



- 四至六年級各設一班「電子學習班」
- 電子班學生以「一人一機」作全面學習
- 不用攜帶「紙張書本」
- 以USB手指儲存電子書及其他資料
- 非電子班學生則可到電腦室或借用學校 I-Pad進行電子學習

電子學習注意事項



- 學校wifi網絡是否完善？
- 是否能讓大量學生同時順暢地使用網絡資源？
- 學校電腦能否順暢運行各類軟件？
- 監控系統能否在各視窗正常使用？
- 學生是否容易接觸到不良資訊？
- 長期使用電腦帶來的身心健康問題？
- 跨境學生在內地遇到的電腦問題？
- 校內同工是否擁有相關知識或**時間**進行電子教學？

MICROSOFT PARTNERS IN LEARNING

- 2015年成為Microsoft 卓越教師最傑出教師
- 本年3月獲微軟邀請，代表香港到匈牙利布達佩斯出席微軟全球教



利用Microsoft One Note with learning tools

- 2016年最佳讀寫障礙應用程式
- 培養可獨立閱讀的學生
- 讀者能夠閱讀大部分的內容，進而從中獲得自信
- 有學習問題（例如讀寫障礙）的學生可以更輕鬆地分解文字
- 隨時隨地能開啟自己的筆記
- 提高合作學習效益

Source:
<https://www.onenote.com/learningtools>

特色	已證實有效
增強的聽寫能力	加強寫作能力
專注模式	集中注意力並提升閱讀速度
沈浸式閱讀	提高理解度並集中注意力
字型間距和短句	Improve reading speed by addressing "visual crowding"
詞性	支援教學課程並提高寫作品質
音節	提升文字辨識能力
理解模式	平均可提高 10% 的理解度

課程配合

中文科廣告



Seventeen 17

Flip Printer DEMO: Purchase from www.flipbuilder.com to remove the watermark

The Monster Nian



The Monster Nian

Written by: Harry Chan

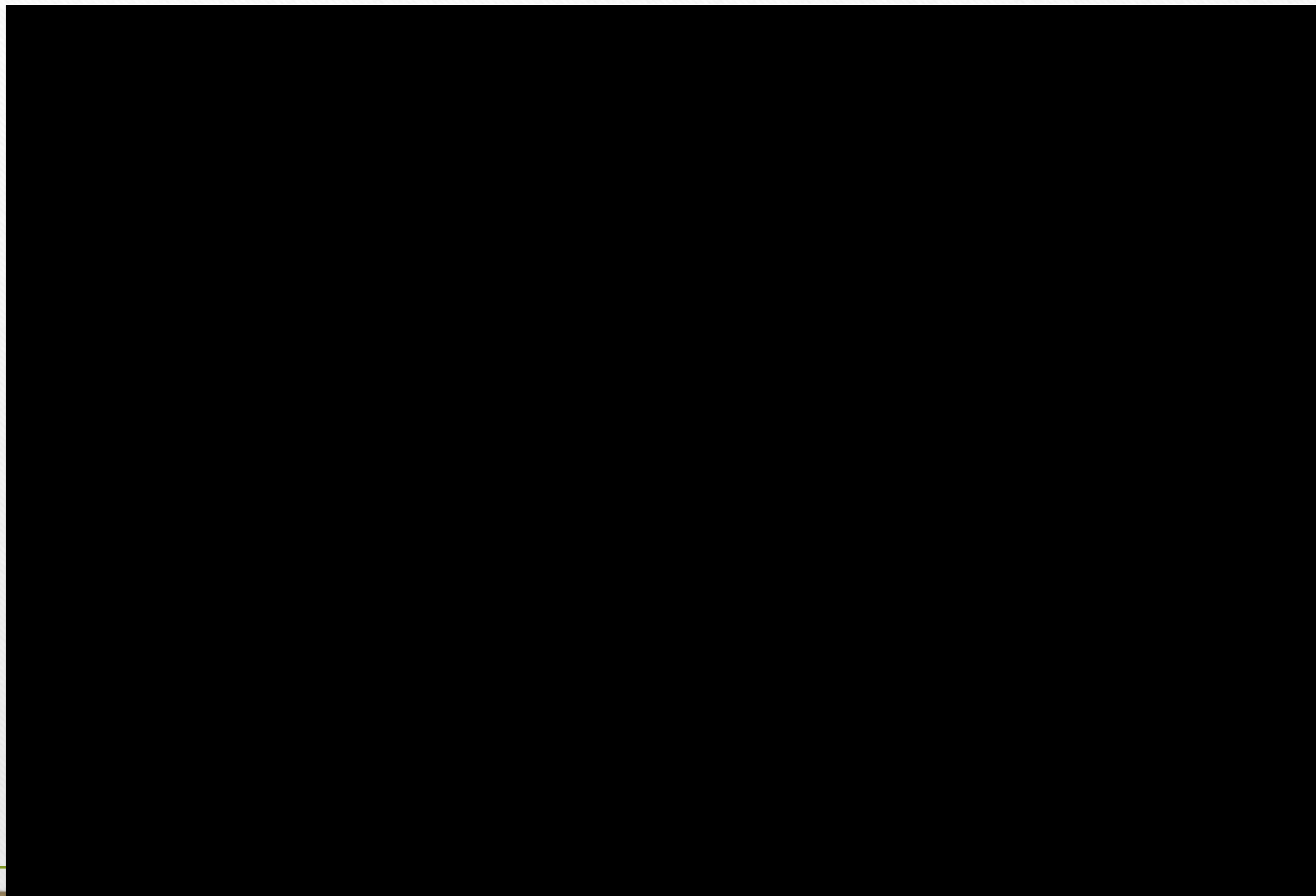
Photo by: Harry Chan

Published by: H.C Company

英文科電子圖書 製作

- Microsoft Movie Maker
- Flip Builder

英文科廣告



英文科E-reading

→ <https://mail.google.com/mail/u/0/#starred/13a> 敏思慎... 2012... x 2012-1... 2012-1... 2012-1... BBC -

Google

件 ▾

← [] ! [] 移至 [收件匣] [] 更多 ▾


撰寫


2012-13 1st Term P.5A E-reading 1 [] 收件匣 x


件匣
加星號
要郵件
件備份
稿
多 ▾

尋使用者...

余俊龍
黃煒瑤
何思敏

 **xpyywy@xpypsosac.edu.hk**
Story----><http://www.bbc.co.uk/cbeebies/fimbles/stories/enormousturnip/> I've ...

 陳鳳儀 <xpypcf@xpypsosac.edu.hk>
寄給 (5A05)黎穎琳、(5A07)劉家城、(5A17)曾志恒 ▾
2012/10/9 <xpyywy@xpypsosac.edu.hk>
...

 按一下這裡即可回覆、回覆所有人或轉寄



移至 [收件匣]



更多 ▾

2012-13 2nd term P.5A E-Reading 2



收件匣 x



xpypywy@xpypsosac.edu.hk 透過 trix.bounces.google.com

寄給 我 ▾



英文 ▾



中文 (繁體中文) ▾

翻譯郵件

關

Story----> <http://www.bbc.co.uk/cbeebies/razzle-dazzle/stories/razzle-dazzle-mollyinthetrolley/>

Other activities (optional)

Nessie's Story

<http://www.bbc.co.uk/cbeebies/balamory/stories/balamory-nessiesstory/>

I've invited you to fill out the form **2012-13 2nd term P.5A E-Reading 2**. To fill it out, visit:

<https://docs.google.com/a/xpypsosac.edu.hk/spreadsheet/viewform?fromEmail=true&formkey=dG83TnlrNmcwc3dOMHJYZmJ1aklZVXc6MA>



按一下這裡即可回覆或轉寄

One day Little Red Riding Hood goes to visit her grandma. Can you guess who she meets in the wood?



Story developed by Cambridge English Online

Help and Support

- 🕒 House rules for kids
- 🕒 House rules for parents and teachers

Courses

- 🕒 Find a face-to-face or online course in your country.

More about this topic



Short stories
The princess and the dragon



Short stories
Jack and the beanstalk



Short stories
The ugly duckling

2012-13 P.5A E-reading Pre-test



Once upon a time, there was an old man living in a small village in the countryside. He was poor. He worked from morning to night in a factory to earn money.

One day, when he was about to go to work, he heard his villagers talking about some treasure in the forest. They said that there was a lot of jewellery buried under a tree in the forest. Everyone was very excited. Some of them had already set off into the forest to find the treasure. The old man said to himself, 'Wow! I must get the treasure so that I'll be rich and have a better life.' Therefore, the old man planned not to go to work that day and went into the forest.

In the forest, the old man met a lion. The lion was caught in a net and cried for help. So he broke the net and set the lion free. The lion said, 'Thanks for saving my life. I'll help you if you need me in the future.'

The old man continued his journey. After a while, he heard two monkeys crying, 'What has happened to you?' asked the old man. 'We haven't eaten anything for a week.' So the old man took some bananas out of his bag and gave them to the monkeys. 'Thank you. We'll help you if you need us in the future,' said the monkeys.

The old man continued his journey again. After some time, the old man found the treasure. He was very happy and put the treasure into his bag. Suddenly, a young man appeared and tried to take away his treasure. Then they got into a fight. The old man cried loudly, 'Help!' The lion and the monkeys heard the old man cry so they hurried to save him. They scared the young man away. Finally, the old man was safe and took the treasure home.

系統會在您提交這份表單時，記錄您的使用者名稱(xpypcfy@xpypsosac.edu.hk)。xpypcfy 不是您本人嗎？請[登出](#)
*必填

Which class are you in? *

5A

What is your class number? *

2012-13 P.5A E-reading Pre-Test ☆

xpypcfy@xpypsosac.edu.hk

檔案 編輯 檢視 插入 格式 資料 工具 表單 (20) 說明 上次編輯：2012年12月28日 (編輯者：xpypcml)

註解

共用

NTS % 123 Arial 10 B I A

Timestamp

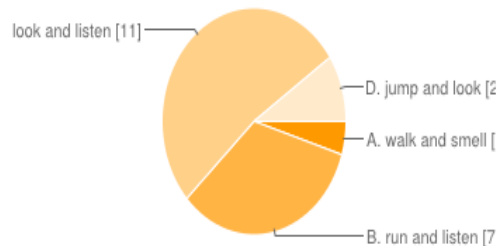
	A	B	C	D	E	F	G	H	I	J	K	L	M
	Timestamp	Username	Which class are you in?	What is your class number?	1. Where did the old man live?	2. Why did the old man work for long hours every day?	3. In the second paragraph, when the old man said 'Wow!', how did he feel?	4. Why did the old man not go to work? He wanted to _____.	5. How many kinds of animals did the old man meet in the forest?	6. What promise did the animals make to the old man?	7. What did the animals think of the old man?	8. Who got the treasure in the end?	
1	2012/10/3 下午 2:24:00	xpyp08103@xp	5A	1	D. in a village	B. He had to make money to live.	C. excited	A. take a rest at home	B. 2	C. They would help the old man in the future.	A. silly	D. no one	
2	2012/10/3 下午 2:23:14	xpyp07081@xp	5A	2	A. in a forest	C. He had nothing to do.	B. scared	B. look for the treasure	D. 4	B. They would take care of the old man.	A. silly	B. the young man	
3	2012/10/4 下午 1:16:08	xpyp08055@xp	5A	3	D. in a village	A. He loved money.	B. scared	C. tell his friend about the treasure	D. 4	B. They would take care of the old man.	D. kind	A. the old man	
4	2012/10/4 下午 1:17:48	xpyp07008@xp	5A	4	D. in a village	A. He loved money.	B. scared	A. take a rest at home	A. 1	A. They would help other animals in the future.	B. polite	D. no one	
5	2012/10/3 下午 2:22:47	xpyp08083@xp	5A	5	D. in a village	B. He had to make money to live.	B. scared	A. take a rest at home	C. 3	D. They would visit the old man in the future.	A. silly	C. the animals	
6	2012/10/3 下午 2:25:49	xpyp07011@xp	5A	6	D. in a village	D. He wanted to help the villagers.	C. excited	B. look for the treasure	D. 4	D. They would visit the old man in the future.	B. polite	B. the young man	
7	2012/10/3 下午 2:25:32	xpyp08084@xp	5A	7	D. in a village	D. He wanted to help the villagers.	C. excited	C. tell his friend about the treasure	A. 1	D. They would visit the old man in the future.	B. polite	B. the young man	
8	2012/10/3 下午 2:25:40	xpyp07122@xp	5A	8	D. in a village	C. He had nothing to do.	C. excited	B. look for the treasure	C. 3	A. They would help other animals in the future.	C. hard-working	B. the young man	
9	2012/10/3 下午 2:25:40	xpyp07122@xp	5A	8	D. in a village	C. He had nothing to do.	C. excited	B. look for the treasure	C. 3	A. They would help other animals in the future.	C. hard-working	B. the young man	

+ 工作表1

What is your class number?

1 2 3 4 5 6 7 7 8 9 10 11 13 14 15 16 16 17 18 19 20

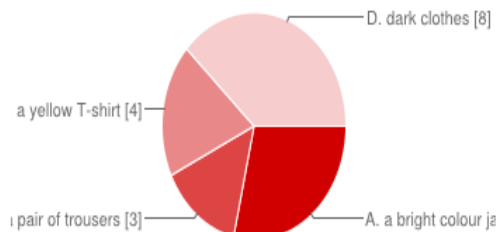
1. What should we do when we cross the road?



- A. walk and smell
- B. run and listen
- C. look and listen
- D. jump and look

1	5%
7	33%
11	52%
2	10%

2. It can be very dangerous if you wear _____ to walk on the street at night.



- A. a bright colour jacket
- B. a pair of trousers
- C. a yellow T-shirt
- D. dark clothes

6	29%
3	14%
4	19%
8	38%

3. What do you think of the dog?

您可以在這裡查看已發佈的表單：<https://docs.google.com/a/xpypsosac.edu.hk/spreadsheet/viewform?formkey=dGdRbnc4ZXNKUTV6R0ZHQ2pWM3JvZ0E6MA>

隨時上網溫習默書

Google 雲端硬碟

搜尋雲端硬碟



健聰

新增

與我共用 > 2016-2017 P5 english dict



我的雲端硬碟

與我共用

近期存取

Google 相簿

已加星號

垃圾桶

已使用 10 GB

名稱	擁有者	上次修改日期
04 曲目 4.mp3	admin xyp	2016年9月29日
03 曲目 3.mp3	admin xyp	2016年9月29日
02 曲目 2.mp3	admin xyp	2016年9月29日
01 曲目 1.mp3	admin xyp	2016年9月29日
10 曲目 10.mp3	admin xyp	2016年9月29日
09 曲目 9.mp3	admin xyp	2016年9月29日
08 曲目 8.mp3	admin xyp	2016年9月29日
07 曲目 7.mp3	admin xyp	2016年9月29日
06 曲目 6.mp3	admin xyp	2016年9月29日
05 曲目 5.mp3	admin xyp	2016年9月29日

2016-2017 P5 english dict

詳細資料

活動

今年稍早

admin xyp 共用了 10 個項目
9月29日

08 曲目 8.mp3

05 曲目 5.mp3

07 曲目 7.mp3

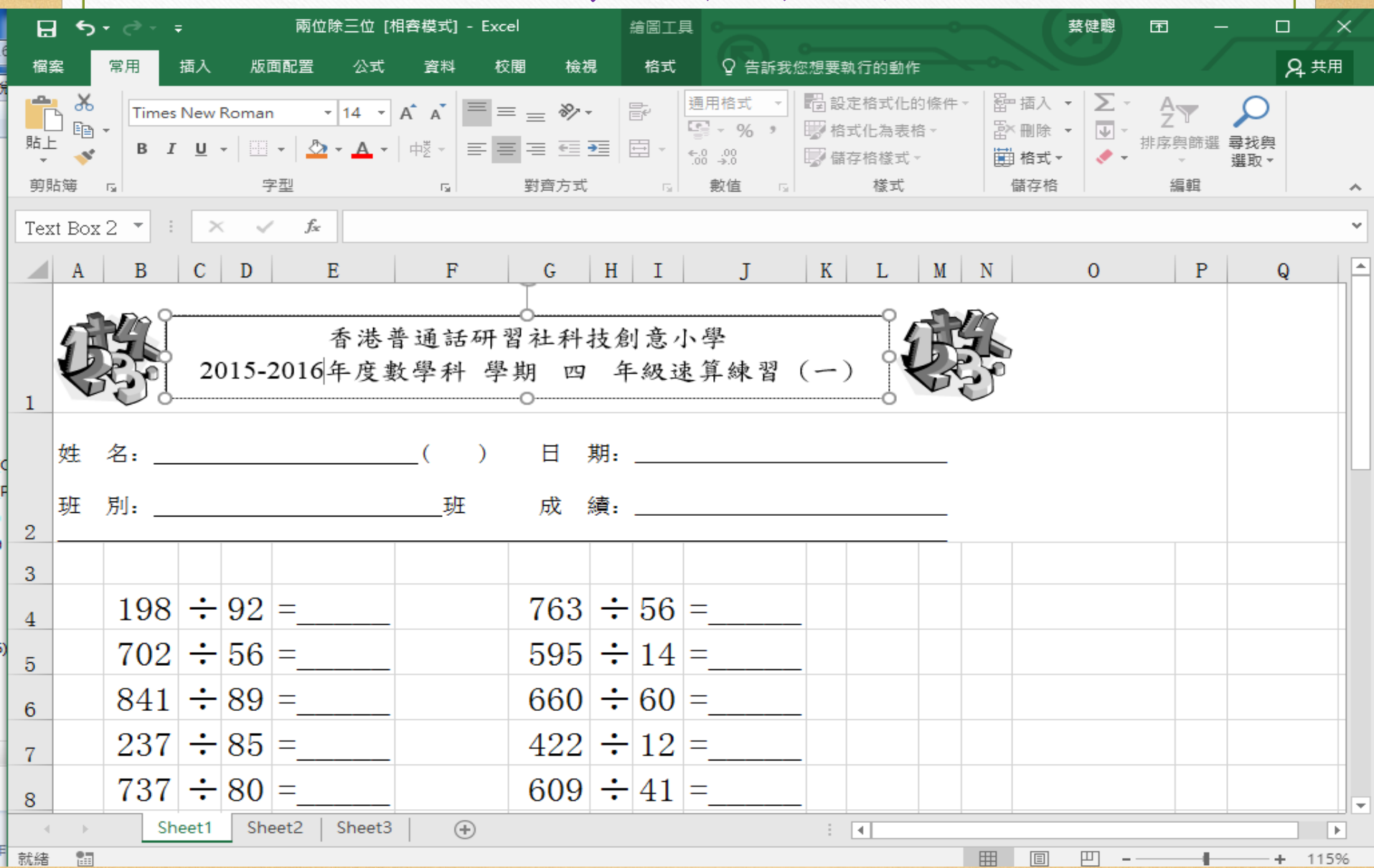
06 曲目 6.mp3

09 曲目 9.mp3

03 曲目 3.mp3

顯示全部...

數學科練習



音樂科

FINALE

作曲



Cherrish's Song

Chan Lok Man, Cherrish

Violin

Violin I

Vln.

Vln. I

Vln.

Vln. I

[Copyright]

音樂科

利用 I-pad app GarageBand

上音樂課





常識科

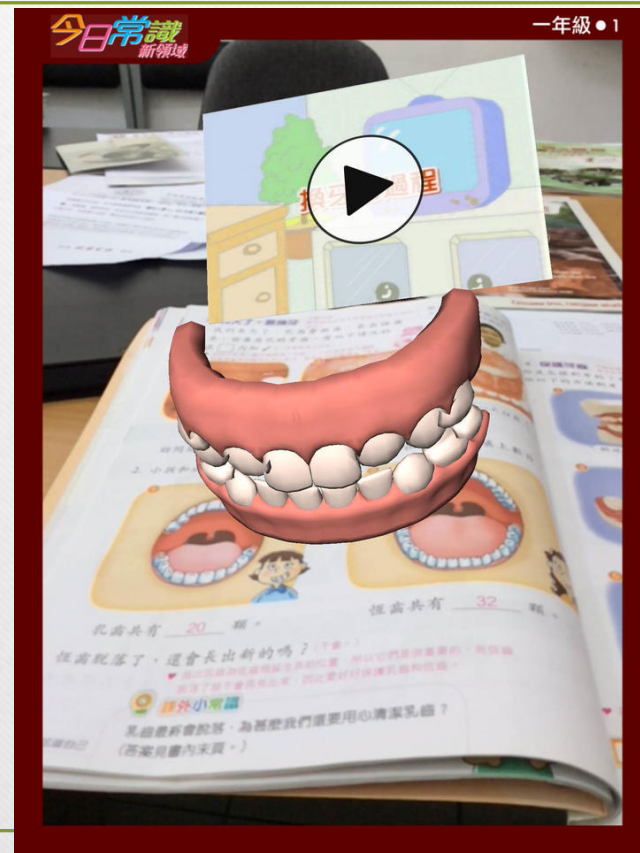
利用Microsoft Office Mix上課

- 翻轉課堂
- 老師先讓學生在家中觀看有關槓桿原理的影片
- 老師讓學生分組，並派發不同的工具
- 學生經討論後將討論所得利用Microsoft Office Mix拍下，並上傳到雲端，讓其他組別的學生觀看及互評



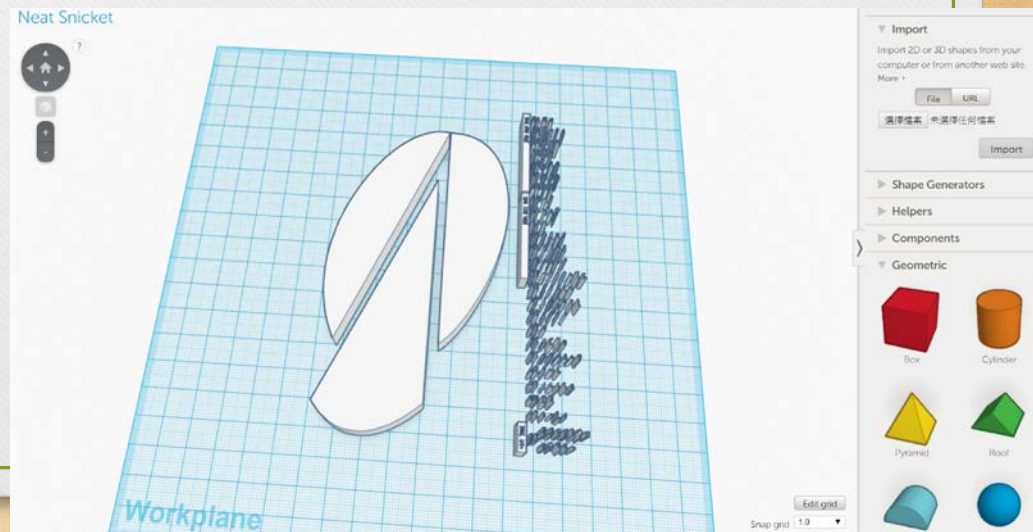
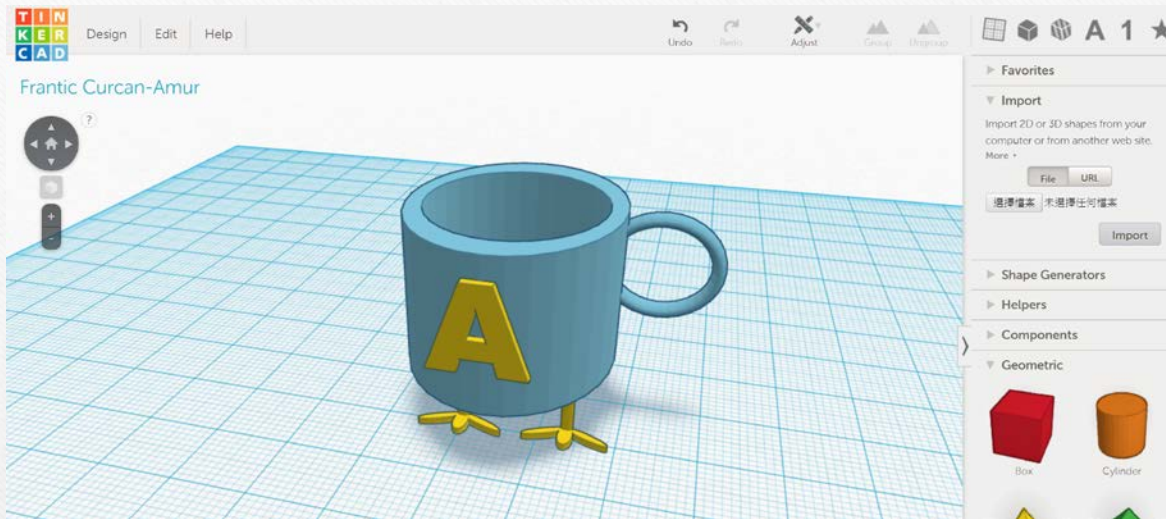
常識科

利用AR技術提升學生學習興趣



參考快線

電腦科 – 3D打印



生態水池



生態水池實況





Learn to code

Code to learn

- App inventor 2
- Scartch

電子學習注意事項(二)

- 教學軟件是否跨平台？容易使用嗎？
- 給教師的訓練是否足夠？
- 所用電子教材是否配合課程？
- TSS或其他IT員工能否提供足夠協助？
- 家長是否了解電子教學？
- 家長是否願意在家中幫忙看管子女，以防止他們長時間用電腦進行學習以外的活動？
- 負責推行電子教學的老師是否單打獨鬥？



軟件試用

- Nearpod?
- Kahoot?
- Edpuzzle for flipped classroom?
- Microsoft OneNote2016 with Learning Tools?