

教育局資訊科技教育組
教育卓越中心

運用電子工具以促進通識 教育科的學與教

教育局資訊科技教育組

李天民 (GCT)

張家麒

CERTIFIED
Trainer

Google for Education



Suite for Education

開展通識課堂



Single-sign On (SSO)

單一登入模式

Google Apps for Education

實現更有效率的學習方式

免費的網頁式電子郵件、日曆與文件
隨時隨地提供協作式學習環境。

立即使用 Apps

別懷疑，真的完全免費。



所有教師及學生均獲線上免費辦公軟件及無限雲端儲存

Home & Office



Gmail

Fast, searchable email with less spam



Docs

Open, edit, and create documents



Slides

Open, edit, and create presentations



Drawings

Create diagrams and flow charts



Calendar

Organize your schedule and share events with friends



Google Cloud Print

Print anywhere, from any device



Drive

Create, share and keep all your stuff in one place



Sheets

Open, edit, and create spreadsheets



Forms

Build free surveys



Sites

Create websites and secure group wikis



Translate

Instantly translate text, web pages, and files between over 50 languages



Google Keep

Save what's on your mind

Social



Google+

Real-life sharing, rethought for the web



Groups

Create mailing lists and discussion groups



Blogger


Share your life online with a blog - it's quick, easy and free



Hangouts

Conversations that come to life. Anytime, anywhere, for free

GMail



香港瑪利諾天主教中學
SKH St. Mary's Church
Mok Hing Yiu College

Q

ckk@smcc.edu.hk

Mail

1-50 of 565

注

Settings

COMPOSE

Inbox

Starred

Important

Sent Mail

Drafts

[imap]/Drafts

Deleted Items

Junk E-mail

Sent Items

More

Ka Ki

TM Li

Me

☐ Demo Mail (2) Apple iPad app 14:19

☐ Demo Mail IAF workflow.pdf 14:05

☐ cheungwingyi Monthly Sharing (November) cum First Meeting on Award Scheme on 12 Nov - Dear CoE teachers, Please kindly note that Monthly Sharing (November) will be held on 12 Nov (Wed). 28 Oct

☐ John Chin FW: Message from "GSTPrinter" - Dear Mr. Daniel Cheung We are looking forward to you reply and please feel free contact us for any 28 Oct

☐ WONG, me (5) Training Accounts from Our School - Forwarded message From: Mr. WONG Ka Ho <kh Wong@hlc.edu.hk> Date: 28 28 Oct

☐ TM Li (透過 Google 試算表) Email-reply-form (回應) - 編輯邀請 - ltm@smcc.edu.hk邀請你編輯以下試算表: Email-reply-form (回應) 在「Google 試算表」中開啟 Google 試算表; 在網上建立及編輯試算表。 Google 試算表 24 Oct

☐ TM Li (透過 Google 表格) Email-reply-form - 編輯邀請 - ltm@smcc.edu.hk邀請你編輯以下表格: Email-reply-form 在表格中開啟 Google 表格: 建立及分析問卷調查。 Google 表格標註 24 Oct

☐ TM Li (via Google Sites) coe (ckk@smcc.edu.hk) - I've shared an item with you. coe Google Sites makes creating and sharing a group website easy. 24 Oct

☐ cheungwingyi Preparation for PDP 20141022 - Dear CoE teachers, To prepare for the Professional Training Programme "IT in Education e- 21 Oct

☐ me, leeyinglin (2) Mok Hing Yiu College Powerpoint on 22 Oct Space Museum - Dear Mr. Cheung, Many thanks! Best Regards, Lee Ying Lin, Katherine ST(ITE)2, EDB(ITE) 3698-4448 From 20 Oct

☐ leeyinglin Powerpoint for CoE Promotion Day on 22 Oct - Dear Sir/Madam, Kindly remind that you should have a powerpoint for CoE Promotion Day on 22 Oct. 20 Oct

☐ cheungwingyi CoE Webpage info - Dear CoE teachers, Thank you for providing the information. Cheuk sir suggested that the format 17 Oct


☐ Chan, Suet Yee (no subject) - 關先生你好! 已收到貴司的學生個人照片及學生証, 以下為其慶森中學尚欠/有問題的學生個人照片及學生証事宜: 2R何倩文(2次都沒影相, 沒相沒証) 5A 紀念昌(沒証) 6M 朱昭怡(沒相 沒証) 17 Oct

☐ Eddie Lee 流感疫苗接種同意書 - Dear Mr Cheung, Attached: - Consent form (English and Chinese draft) - Government forms and 17 Oct

☐ Microsoft Feedback Help Microsoft focus on customers and partners - Your feedback matters. As you may recall, you recently received a personalized invitation to share 13 Oct

☐ Debbie Chan 亞當專門攝影公司 - 本月推出最新優惠 - Dear Sir/Madam, Adam Photo 亞當專門攝影 <本月推出最新優惠!> 由即日起至11月底與我們預約拍攝學校班相, 可享有最新優惠價錢及 送免費過膠或托咭 拍攝 8 Oct

Google Drive 雲端硬碟


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SKH St. Mary's Church
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Search Drive


ckk@smcc.edu...


Drive


My Drive ▾













 My Drive

 Incoming

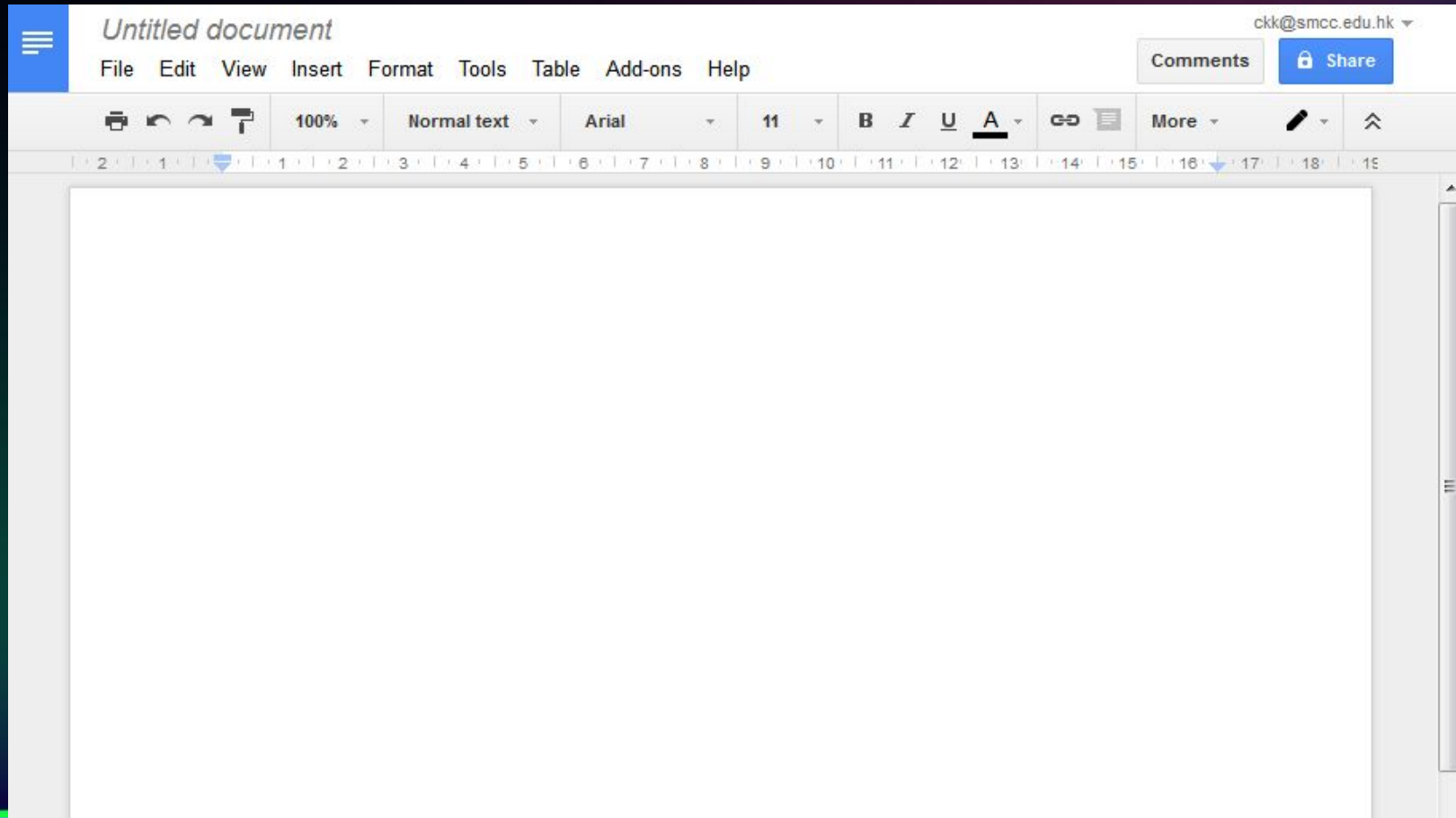
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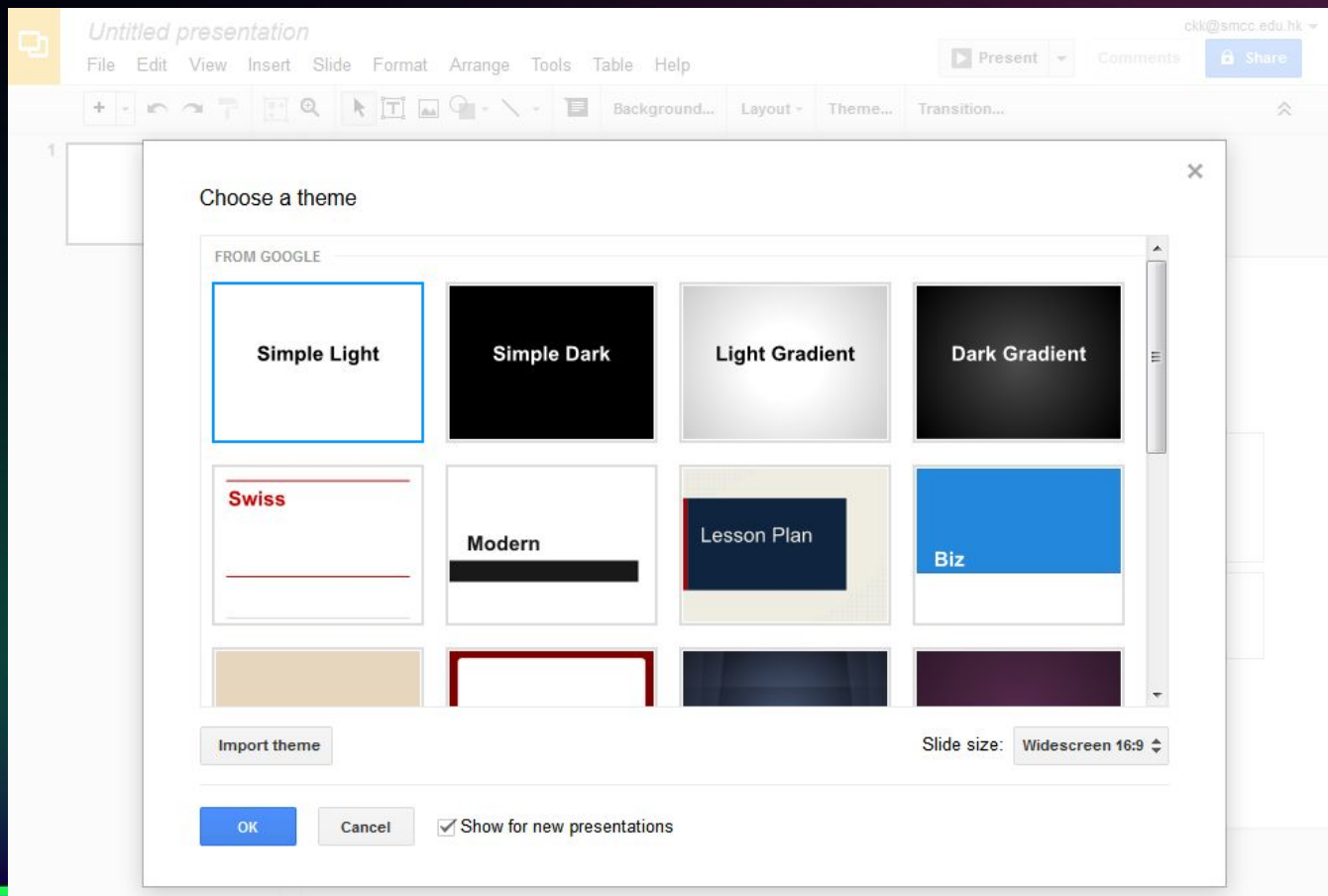
Name	Owner	Last modified ↓	File Size
 SchoolPicture	me	28 Oct	—
 Google Scripts Apps	me	24 Oct	—
 MathTest	me	25 Sep	—
 MathQB	me	24 Sep	—
 Security	me	10 Sep	—
 SA	me	10 Sep	—
 MTR	me	10 Sep	—
 Classroom	me	4 Sep	—
 Math3	me	4 Sep	—

建立文件、試算表、簡報和表單



[illegible]

建立文件、試算表、簡報和表單



文件的共用功能

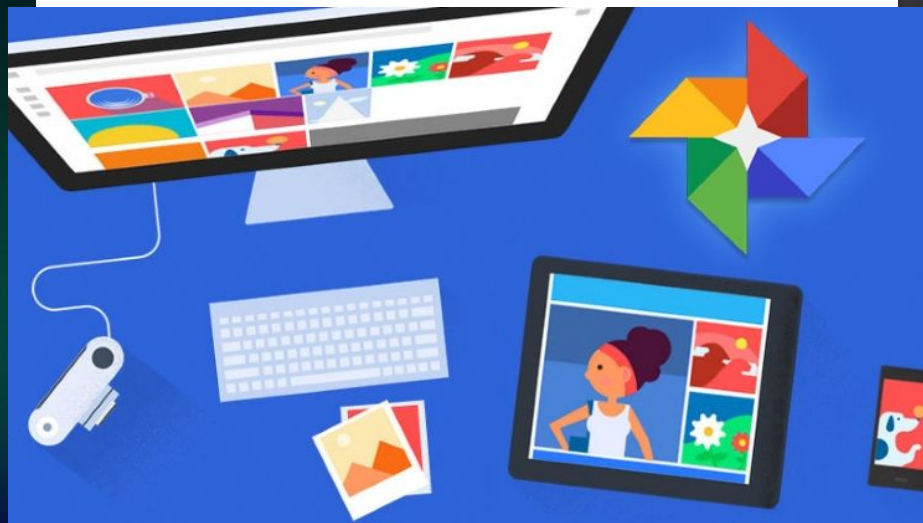
The image displays three overlapping windows from Google's productivity suite, each with the 'Share' button in the comments menu highlighted by a red circle:

- Untitled presentation (Google Slides):** The top window shows the 'Comments' menu with the 'Share' button highlighted. The email address 'cckl@smcc.edu.hk' is visible in the top right corner.
- Untitled document (Google Docs):** The middle window shows the 'Comments' menu with the 'Share' button highlighted. The email address 'cckl@smcc.edu.hk' is visible in the top right corner.
- Untitled spreadsheet (Google Sheets):** The bottom window shows the 'Comments' menu with the 'Share' button highlighted. The email address 'cckl@smcc.edu.hk' is visible in the top right corner.

The Google Sheets window is open to a blank spreadsheet with columns A through I and rows 1 through 17. The formula bar shows 'fx'.



Google Photos





Google Photos

Google Sites

- 雲端應用程式 (任何可上網的裝置皆可登入)
- 集中展示通告、檔案及課業
- 多位學生及教師可同時編輯同一文件
- 每位教師都擁有自己的教學網站
- 免費！

Padlet 討論平台



A Blank Wall for Student Ideas...

John
I think little willy is feeling a bit nervous and brave, I think he felt nervous because he heard about all the races stone fox won and he's probably brave because he really cares about his grandad

Ishaana
I think little willy is nervous because he has never been in a race before and I think Little Willy is also very confident because he thinks he is going to win because he knows the whole route by heart.

Maheen
I think Little Willy was feeling nervous and confident.
Nervous because if Stone Fox has won around 3 times in a row I think everybody against him should be nervous. Confident because so far in the story he has not been nervous and is sure that he is going to win.

Elyse
I think Little Willie is very determined but still a tiny bit nervous.
What makes you say this?

Alisha
I think little Willy was feeling very Excited and nervous and Confident because he wants the money.

Palenque
If I were little Willy I would feel nervous but at the same time happy, excited and determined I would feel nervous probably because I would race against stone fox like willy and the rest is probably because of the race

Aaditya
He feels nervous because he has to race stone fox and he has never gone up against him.

Helene
I thought there was was: There are some

Arnav
I think Little Willy was the morning before thought he was nervous and the other opponents were older than him and had more experience than him

Natalie
I think that Little Willy feels a bit Nervous but he is still determined to win the race.
Nervous: Little Willy feels nervous because Stone Fox might win.
Determined: Little Willy really wants to win the race to save the

because in the book it said some thing like this his hands began to sweat and his heart thumped and I think that means that he was nervous

quies and thus, it was hard to do they're usually thing but he was confident so it was easy for him, but on the other hand when the race began his throat was dry, and his hands were sweating so he was a little nervous.

quies and thus, it was hard to do they're usually thing but he was confident so it was easy for him, but on the other hand when the race began his throat was dry, and his hands were sweating so he was a little nervous.

quies and thus, it was hard to do they're usually thing but he was confident so it was easy for him, but on the other hand when the race began his throat was dry, and his hands were sweating so he was a little nervous.

利用Apps與雲端教導 學生解讀通識漫畫題





利用Apps與雲端，教導學生解讀通識漫畫題

學生已有知識：

青少年成長中可能遇上的挑戰
分析及比較數據的能力

教學目標：

學生能夠 -

辨識議題內與個人成長相關的價值觀，解釋議題背後的現象

辨識漫畫資料的價值觀，利用資料解釋價值觀
評估建議的成效

學生能力轉移

議題	相關知識及概念	通識能力
1. TRAINING TASK：整容	自尊	➤ 比較數據的能力
2. 探究題目：對整容的接受程度如何反映青少年的價值觀？	自我概念	➤ 利用資料描述/
	價值觀	解釋現象的能力
2. TRANSFER TASK：	權利與責任	➤ 利用資料指出及
由老師提供若干議題或由學生自擬，自行搜證並展示相應的知識、概念及通識能力	生活技能	解釋價值觀的能力
● 過度消費		力
● 追星		➤ 方法建議的成效
● 網上交友		評估(高階思維)

漫畫工具 - StoryboardThat

StoryboardThat

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This storyboard can only be viewed by you, and your teacher.

Comics (Edit Title)

By *ltm*, Updated 2017/3/28, 上午7:25:38

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comics-highres.png

漫畫工具 - StoryboardThat



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農民



城鎮居民

Google sites



Google Sites

- 雲端應用程式 (任何可上網的裝置皆可登入)
- 集中展示公告、檔案及課業
- 每位教師都擁有自己的教學網站
- 多位學生及教師可同時編輯同一文件
- 免費！(教育機構限定)



Classroom 簡介

Classroom 是我們與許多使用 Google Apps for Education 的老師合力開發設計，可幫助老師節省時間、有效管理課程，還能促進師生之間的交流。

[前往 CLASSROOM](#)

減少技術障礙，提升教學成效

Classroom 開放所有 Google Apps for Education 使用者使用；除了 Classroom 之外，Google Apps for Education 這套免費的生產力工具還提供 Gmail、Google 雲端硬碟和 Google 文件等服務。

Classroom 可讓老師直接在線上建立及收回作業，完全不浪費紙張，而且提供多項省時省力的功能，比方自動為每位學生建立 Google 文件副本。此外，Classroom 也會自動為每位學生建立各項作業專屬的雲端硬碟資料夾，讓每個人的資料都井井有序。

學生可隨時在「作業」頁面查看各項作業的繳交期限，只要點選作業就能開始動工。老師則可快速查看學生完成作業的情形；直接在 Classroom 中提供即時意見

Previewing a new Classroom by Google



From Google Classroom To Flipped Classroom

