School's experiences on the Development of e-Learning

Chu Ka Tim
Hong Kong True Light College

Rundown

9:30-10:00:   Experience sharing by
                        Ms. Kassel Cheung (English Panel Head)
10:00-11:00: Experience sharing by
                        Mr. Chu Ka Tim (IT Coordinator)
11:00-11:15: Break
11:15-12:15: Workshop on Schoology
12:15-12:30: Q&A

QR code

Elearning Milestone in True Light

2011
- elearning pilot scheme (Four True Light Schools): WIFI construction, iPad procurement, elearning school visit and teacher training, English starts the elearning lesson

2012
- iPad & Apple TV procurement

2013
- Teacher training (All teachers), elearning extended to other subjects

2014
- elearning support scheme: WIFI construction (Whole School)

Future
- Promote flipped classroom, Use elearning to cater learner diversity

Elearning Activities

	Elearning Lessons
Teachers	Over 20
Lessons	Over 200
Subjects	Nearly 10

新科技有助改善教育？專家：學校不了解科技的優勢

根據調查，教師採用新技術讓自己的工作更容易以及補充傳統教學內容，而不是讓學生運用新科技自我學習。

elearning VS traditional learning

Gimmick
Just for fun
elearning is a trend only

Paradigm shift
Teacher centred to Student centred
Acquire 21st century skills

Bottom up management VS Top down management
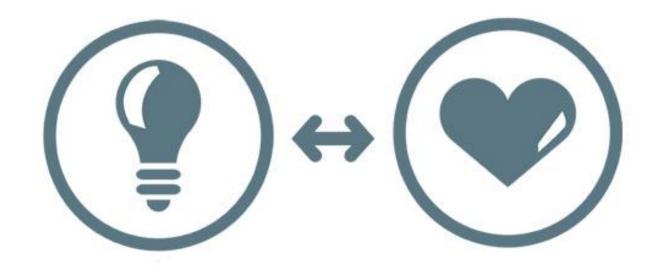
School culture
Teacher readiness

Bottom up management VS Top down management

subject → subjects
form → forms
learning activities → lessons → topics →
  curriculum

Bottom up management VS Top down management

IQ VS EQ

Tablet: IOS VS Android VS Windows

Tablet: IOS VS Android VS Windows

Ultimate Goal:
  Open to all platforms/devices

Number of Tablets:
20 VS 30 VS More

1 student : 1 tablet

2 students : 1 tablet

4 students : 1 tablet

Group work:

- Build up students' collaboration / communication skills
- More discipline

Training: General VS Subject based

School visit
workshop
sharing
seminar
subject panel meeting
facebook group
lesson observation

wh

Floor	New Wing 新翼大樓			Academic Building 教學大樓									Special Room Building 特別室大樓			
7/F	樂團演練室 Orchestra Practice Rm. Rm.725	會議室 Conference Room Rm.723		真光堂及多用途室 True Light Chapel and Multi-Purpose Rooms Rm. 701-704 (Split Class Teaching Room 3-4)												
6/F	分組教學室2 Split Class Teaching Rm. 2 Rm.625	校史及多用途室 School Archives & Multipurpose Rm. Rm.623	4A Rm.601	5E Rm.602	5D Rm.603	5C Rm.604	5B Rm.605	5A Rm.606	潔具室 Cleaner Store Rm.607	女洗手間 Girls Toilet Rm.608	女洗手間 Girls Toilet Rm.609	物理實驗室 Physics Laboratory Rm.612	預備室 Preparation Room Rm.611	化學實驗室 Chemistry Laboratory Rm.610	
5/F	6E Rm.524	6D Rm.523	6C Rm.501	6B Rm.502	6A Rm.503	4D Rm.504	4C Rm.505	4B Rm.506	潔具室 Cleaner Store Rm.507	女洗手間 Girls Toilet Rm.508	女洗手間 Girls Toilet Rm.509	綜合科學實驗室 II I.S. Lab. II Rm.512	預備室 Preparation Room Rm.511	綜合科學實驗室 I I.S. Lab. I Rm.510	
4/F	預備室 Preparation Room Rm.425	語言室 Language Room Rm.423	3C Rm.401	4E Rm.402	學生活動中心 Student Activities Room Rm.403		3B Rm.404	3A Rm.405	潔具室 Cleaner Store Rm.406	女洗手間 Girls Toilet Rm.407	女洗手間 Girls Toilet Rm.408	儲物室 Store Room Rm.413	生物實驗室 Bio. Lab. Rm.412	預備室 Preparation Room Rm.411	地理室 Geog. Rm. Rm.410	宗教室 Religious Room Rm.409
3/F	電腦輔助學習中心 Computer Assisted Learning Room Rm.323		3D Rm.301	圖書館 Library Rm.302	資訊角 Information Corner	2D Rm.303	2C Rm.304	女洗手間 Girls Toilet Rm.305	女洗手間 Girls Toilet Rm.306		家政室 Home Economics Room Rm.307				
2/F	活動助理室 Program Assistant Rm. Rm.229 / 會面室 Interview Rm. Rm.228 / 健身室 Gymnasium Rm.230 / 領袖生室 Prefects Rm. Rm.227	社工室 Social Worker Room Rm.224 Rm.223 / 學生會室 Student Union Room Rm.225 / 工友及職員休息室 Workers & Staff Rm. Rm.226	1C Rm.201	1B Rm.202	1A Rm.203	2B Rm.204	2A Rm.205	分組教學室1 Split Class Teaching Room 1 Rm.206	遠程教室 Distance Learning Classroom Rm.207	潔具室 Cleaner Store Rm.208	女洗手間 Girls Toilet Rm.209	女洗手間 Girls Toilet Rm.210	視覺藝術室 Visual Arts Room Rm.214	輔導室 Guidance Room Rm.212	音樂室 Music Room Rm.211
1/F			1D Rm.101	多媒體教學中心 Multimedia Teaching Centre Rm.102	英語角 English Corner Rm.103	多媒體學習中心 Multimedia Learning Centre Rm.104	教員休息室 Teachers' Common Room Rm.105	男職員洗手間 Male Staff Toilet Rm.106	潔具室 Cleaner Store Rm.107	女職員洗手間 Female Staff Toilet Rm.108		教員室 Teachers Room Rm.110	教學資源室 Teaching Resources Room Rm.109		
G/F		家長資源中心 Parents Resource Centre Rm.G02	HALL	油印室 / 校長室 / #校務處 General Office Rm.G03 / 醫療室 / 副校長及教務組室 / 會面室		女職員洗手間 Female Staff Toilet Rm.G04	女更衣室 Girls Changing Room Rm.G05	女更衣室 Girls Changing Room Rm.G06	潔具室 Cleaner Store Rm.G07	女洗手間 Girls Toilet Rm.G08	男洗手間 Boys Toilet Rm.G09	雨天操場 Covered Playground		體育室 P.E. Room Rm.G11 / 食物部 Tuck Shop Rm.G10	

新翼大樓 New Wing   教學大樓 Academic Building   特別室大樓 Special Room Building

#G03A 校長室 Principal Rm.   G03B 油印室 Printing Rm.   G03C 副校長及教務組室 Rm. for Vice Principals & Academic Team   G03D 會面室 Interview Rm.   G03E 醫療室 Medical Inspection Rm.

whole s... WIFI

HE

IT 組現在正籌備校園無線網絡, 因此本組希望收集科主任的意見, 並作出合適的安排.
在未來的三年內, 貴科的特別室需要設立無線網絡以供電子學習之用嗎?

- ☑ 不需要
- ☐ 需要, 但只會嘗試一兩次
- ☐ 需要, 只偶爾使用
- ☐ 需要, 且會經常使用

IT 組(CKT)

Chem

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IT 組(CKT)

WIFI Vendors: Well-known VS Unknown

Services
AP Brand
WIFI Management Console
Reliability
Quality
Cost

WIFI: Security VS User friendliness

Integration with existing network
Separated broadband
Independent SSIDs in different rooms
The authentication of teachers, students and
  guests

BYOD VS School tablets

Pros:

    Reduce IT admin work

    Flexible to carry out different elearning activities

    Provide comprehensive elearning environment

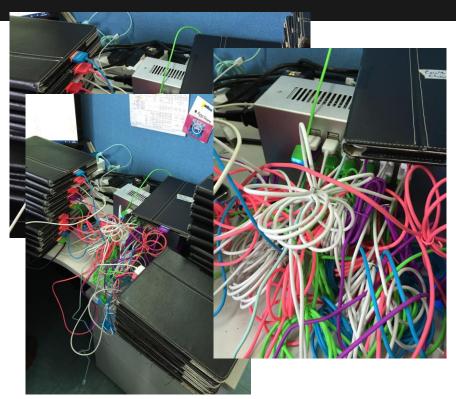Cons:

    Have to deal with discipline team, PTA, teachers
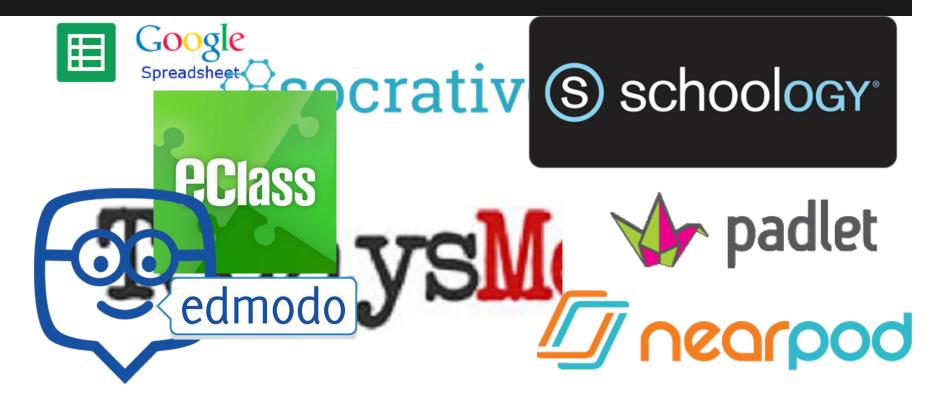
Apple TV VS AirServer

iPad charging cart VS taobao

Offline Apps VS Web Platform
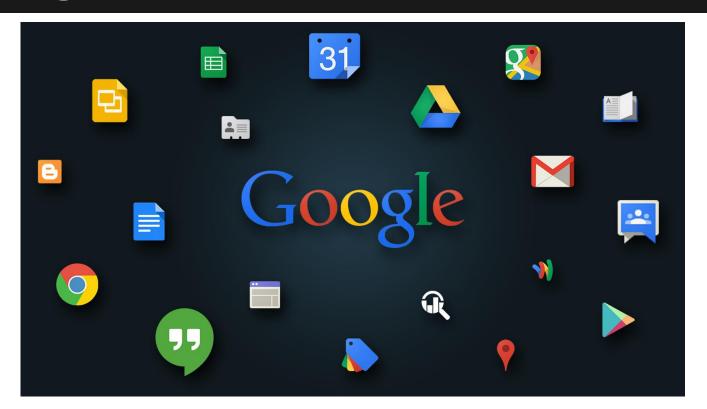
Offline Apps VS Web Platform

Advantages:

cross platform
students' works are saved on the cloud
easy to share students' works

web platform VS LMS

Learning management system
   Assessment for learning
   archive and analyze students' works
   traditional teaching cannot achieve

Google for Education

Simple Apps VS Advanced Apps

English Storytelling:
Toontastic→ Bookabi → Keynote

Simple Apps VS Advanced Apps

Instant Feedback tool:
Nearpod → Edmodo → Google Spreadsheet

Less is more.

e-textbook vs textbook

Textbook, paper and pen cannot be eliminated.

e-textbook can act as a supplement in learning and teaching

The implementation of e-textbook depends on e-textbook market, publishers and teachers' readiness.

elearning is a tool VS elearning is everything

elearning is one of the tools to create learning experiences

IT Skills VS IT Literacy

using search engines Ability to dig deeper, finding whatever information they want

e-mailing, chatting, texting, microblogging Connecting to others and collaborating in everything

Flipped
Normal

What can flipped classroom bring to computer subject?

▲ **More**

Self learning

▲ **More**

Practices

▲ **More**

Lesson times on tackling students' problems

Flipped classroom:
self-made video VS youtube video

prefer youtube video
platform→ content→ language

Academic result VS Generic Skills

elearning → better academic result?

Flipped classroom:
boost the academic result of more capable students

Fairly speaking
Exam/Test (Assessment) ← → elearning?

Audience VS Speaker

Audience: Listen

Speaker: Discuss, share, reflect

如何「翻轉課堂」讓教學更有效率（科技教育（電腦科））

使用**Schoology**翻轉電腦科課堂

教師對反轉教室的意見調查