## School's experiences on the Development of e-Learning

Chu Ka Tim Hong Kong True Light College

#### **QR** code



#### Elearning Milestone in True Light

iPad & Apple TV procurement
2012
• Teacher training (All teachers), elearning extended to other subjects
• elearning support scheme: WIFI construction (Whole School)
• BYOD, Promote flipped classroom, Use elearning to cater learner diversity

#### **Elearning Activities**

	Elearning Lessons
Teachers	Over 20
Lessons	Over 200
Subjects	Nearly 10

## 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

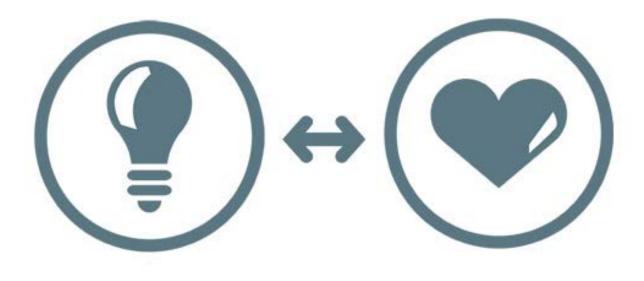
#### Bottom up management VS Top down management

- subject  $\rightarrow$  subjects
- form  $\rightarrow$  forms
- learning activities  $\rightarrow$  lessons  $\rightarrow$  topics  $\rightarrow$  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

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#### NIFI

## 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**

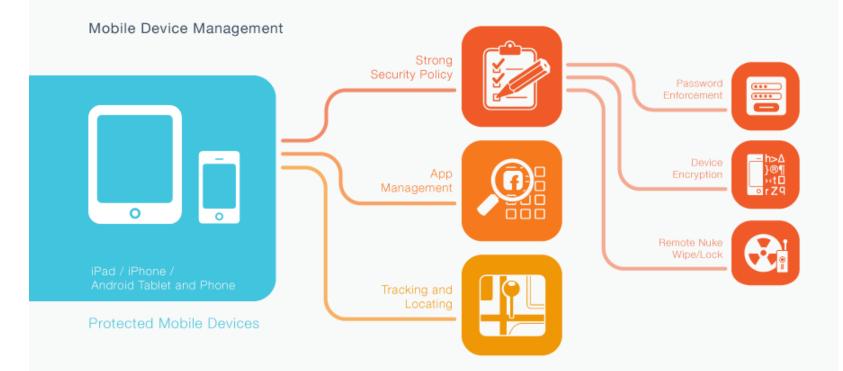
#### • Pros:

- Reduce IT admin work
- Flexible to carry out different elearning activities
- Provide comprehensive elearning environment

#### • Cons:

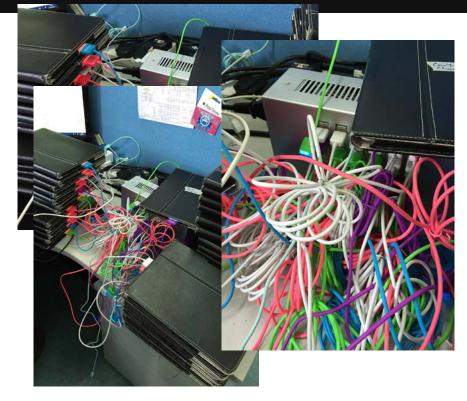
• Have to deal with discipline team, PTA, teachers

#### MDM VS No MDM



#### 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
  - o archive and analyze students' works
  - o traditional teaching cannot achieve

#### Simple Apps VS Advanced Apps

English Storytelling: Toontastic→ Bookabi → Keynote

#### Simple Apps VS Advanced Apps

#### Instant Feedback tool: Nearpod $\rightarrow$ Edmodo $\rightarrow$ Google Spreadsheet



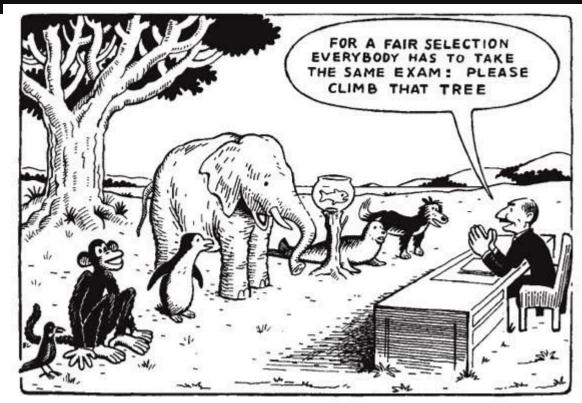
#### e-textbook vs textbook

- 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.

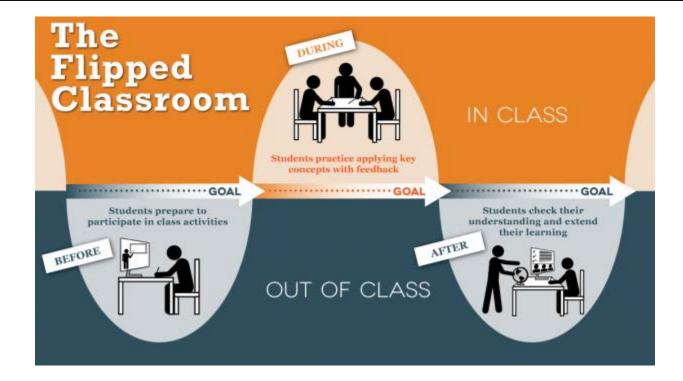
#### elearning is a tool VS elearning is everything

#### elearning is one of the tools to create learning experiences

## Cater for learner diversity VS one model fits ALL

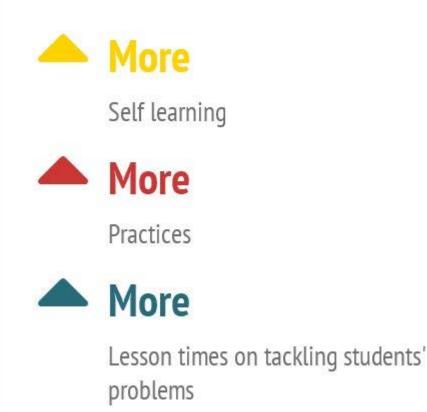


#### Flipped classroom VS Normal classroom



## Flipped Normal

#### What can flipped classroom bring to computer subject?



# Flipped classroom: self-made video VS youtube video

- prefer youtube video
- platform  $\rightarrow$  content  $\rightarrow$  language



#### Academic result VS Generic Skills

- elearning  $\rightarrow$  better academic result?
- Flipped classroom:
  - o boost the academic result of more capable students
- Fairly speaking
  - Exam/Test (Assessment)  $\leftarrow$  → elearning?

#### Audience VS Speaker

- Audience: Listen
- Speaker: Discuss, share, reflect