School's experiences on the Development of e-Learning

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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
• BYOD, Promote flipped classroom, Use elearning to cater learner diversity
## Elearning Activities

<table>
<thead>
<tr>
<th>Elearning Lessons</th>
<th>Teachers</th>
<th>Lessons</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Over 20</td>
<td>Over 200</td>
<td>Nearly 10</td>
</tr>
</tbody>
</table>
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
whole school WIFI VS Partial WIFI

Music

IT 组现在正筹备校园无线网络，此组织希望收集科主任的意见，并作出合适的安排。
在未来三年内，音乐科的特别室需要设立无线网络以供电子学习之用吗？

- [ ] 不需要
- [X] 需要，但只限于一两次
- [ ] 需要，只偶尔使用
- [ ] 需要，且会经常使用

IT 组(CKT)

HE

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IT 组(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:
  o Reduce IT admin work
  o Flexible to carry out different elearning activities
  o Provide comprehensive elearning environment

● Cons:
  o Have to deal with discipline team, PTA, teachers
iPad charging cart VS taobao
Offline Apps VS Web Platform

- Google Spreadsheet
- Socrative
- Schoology
- eClass
- edmodo
- Nearpod
- Padlet
- SysMo
Offline Apps VS Web Platform

● Advantages:
  o cross platform
  o students’ works are saved on the cloud
  o easy to share students’ works
web platform VS LMS

● Learning management system
  o 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 → 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
Cater for learner diversity VS one model fits ALL
Flipped classroom VS Normal classroom
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