School's experiences on the Development of e-Learning

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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

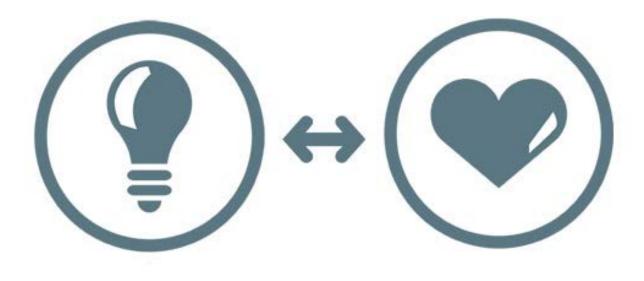
Bottom up management VS Top down management

- 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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| 3/F <i>÷</i> | Rm.425↩ 電腦補助 Computer Assisted Rm.3 | Learning Room₽ | Rm.401₽ 3D₽ Rm.301₽ | <u>Rm.402</u> ∉ ₽ | | Rm.403₽ <mark>12 ま</mark> & + Library₽ Rm.302₽ | | <mark>Rm.404</mark> ↩ 資訊角← Information Corner↩ | Rm.405₽ 2D₽ Rm.303₽ | Rm.406+ 2C+2 Rm.304+ | Rm.407。 女職員 洗手間 Toilet Rm.305。 | Rm.40%+ 女洗手間 Girls Toilet+? Rm.306+ | | Rm.413• Rm.412• Home | Rm.411₽ 家政堂+ Economics Rm.307₽ | |
| 2/F <i>€</i> | | 社工室●社工室● Social Worker Room- Rm.2244 Rm.223+ 早生會室↓ ◆Student Union Room Rm.225↓ 24 工友及職員休息室 | <mark>1C</mark> ₽ | <mark>1B</mark> ₽ | <mark>1A</mark> ₽ | 2 <mark>8</mark> 43 | <mark>2A</mark> 43 | <mark>分线</mark> ቍ 教學堂1- Split Class Teaching Room1-₽ | 遼程 教室번 Distance Learning | | | Huileeee Girls Toilet₽ | | 視覺藝術室+ [↓] Visual Arts Room∢ | 補導 堂 ← Guidance Room ↩ | <mark>音樂室</mark> 선 Music Room |
| I/F∢ | | P Rm.226# | Rm.201+2 1D+2 Rm.101+2 | <u>Rm.202</u> ∓ ₽ | Multimedi Ci | Rm.204 ₂ 教學中心4 a Teaching entre4 n.1022 | Rm.205 英语角+ English Corner≁ Rm.103≁ | Rm.206 多媒體↓ 學習中心 Multimedia Learning Centre₽ Rm.104₽ | 教員↓ | 男職員 | Rm.2094 泥具室 Cleaner Store+ ² Rm.1074 | 女職員 洗手間+ Female+ Staff Toilet+? | ą | Rm.214↩ <mark>教員堂</mark> Teachers R Rm.110 | <mark>oom</mark> ₽ | Rm.211↩ 教學資源室 Teaching↩ Resources Roo Rm.109↩ |
| 3/F+ | | , , | 家長資源 中心+ Parents Resource Centre+ Rm.G02+ | HALL₽ | 海↓ # # 印↓Gene 宝← R* 校↓ | 交務處+ 醫, rral Office 療, n.G03+) 窒; 副校長 會、 及教務 組室+) 窒; | 女職員 焼手間+ Female+ Staff Toilet + ¹ Rm.G04+ | | 女覺衣室 Girls Changing Roomチ チ Rm.G06チ | <mark>泥具変</mark> Cleaner Store+ + + | | 男咲手間 Boys Toilet+ + + | Ð | 雨炙 | ・ 揉場や Playground | 證育 P.E Rooi Rm.G |
| ≠ G03 | 新翼大樓 Ne A 校長室 Principal Rm. Gl | Ū. | G03C 創校, | 美反教 眷翁 | 東京 Rm. for ' | | | ernic Build Team G03D | - | erview Rm. | G03E ş | 曽奈 実 Mec | | 特別室大樓 Inspection Rm. | Special F | Room Building |

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| Г | Music | |
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| | 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? | |
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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

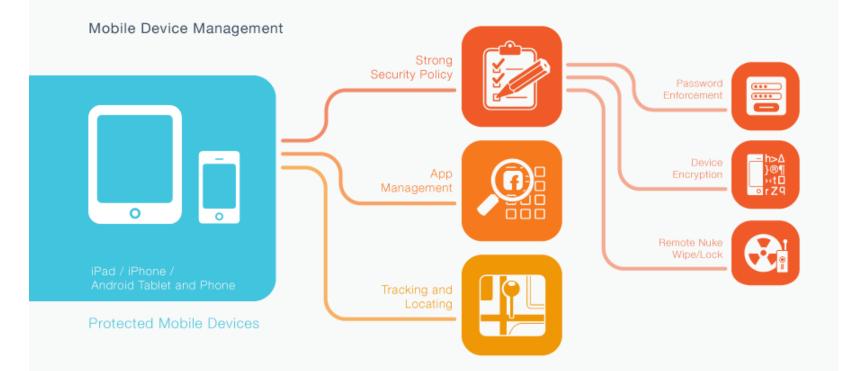
• Pros:

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

• Cons:

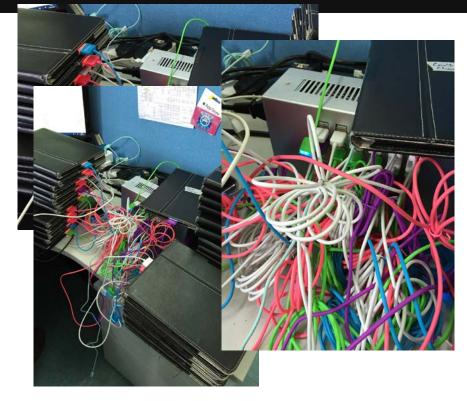
• Have to deal with discipline team, PTA, teachers

MDM VS No MDM

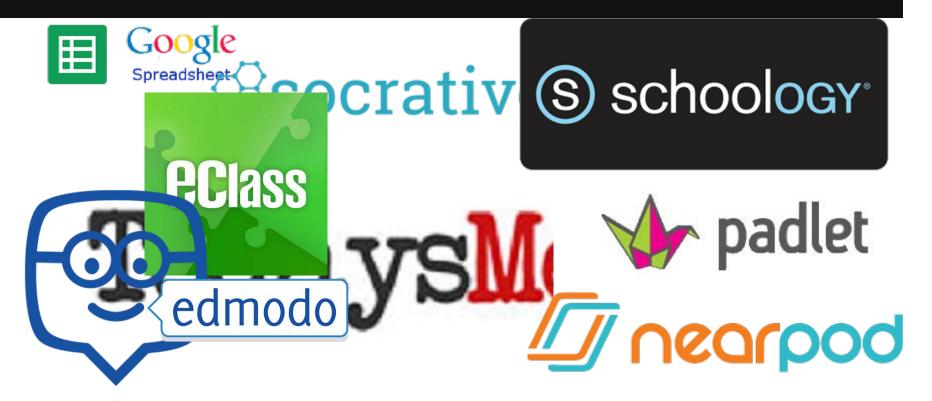


iPad charging cart VS taobao





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



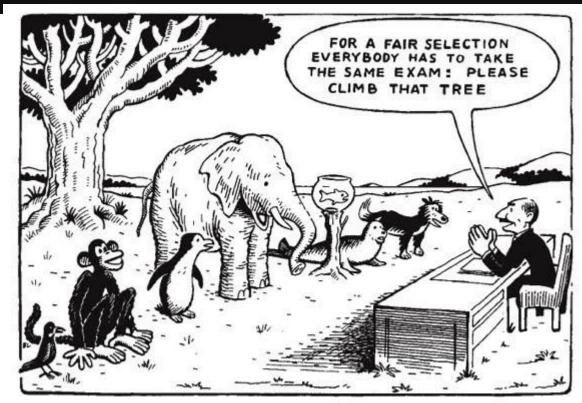
e-textbook vs textbook

- 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.

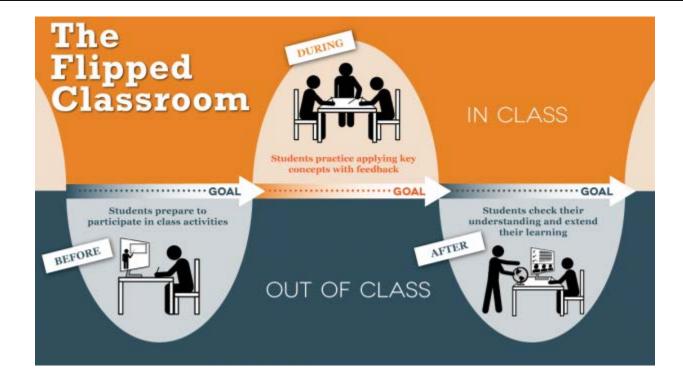
elearning is a tool VS elearning is everything

elearning is one of the tools to create learning experiences

Cater for learner diversity VS one model fits ALL

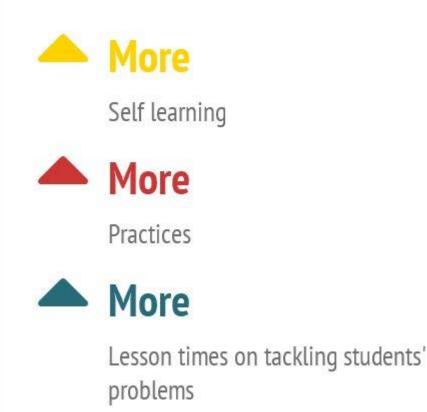


Flipped classroom VS Normal classroom



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