



Successful Factors of Building and Maintaining School WiFi Network

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*Building resilience against adversity
Embracing life with positivity*



About U

* WiFi 1000 = WiFi 100 + WiFi 900



About Us

- * Aided Secondary School in Pok Hong Estate
- * History: 64 Years
- * WiFi 900 Phase I (2015)



WiFi Timeline



Item	Date
Application	2015/03/23
Tender Preparation	2015/05 - 2015/06
Tender Closing Date	2015/06
Construction	2015 summer
UAT	2015/08
Activation of WiFi	2015/09/01



Authentication



SSID	Encryption	Authentication	VLAN
device	WPA ₂	MAC address	ITED
guest	None	None	Public
ipad	WPA ₂	MAC address	ITED
janitor	WPA ₂	MAC address	Public
staff	WPA ₂	AD	ITED
student	WPA ₂	HKEdCity	Student
guestpass	None	Controller	Public



WiFi Tips



- * AP per classroom/venue
- * Security
- * Stability
- * UAT



UAT



- * Identify common use of cloud apps/platform
 - * Nearpod, YouTube, Nearpod, ...
 - * eClass, eSchoolPad, ...
- * Simulate teaching environment
- * Speed Test Tool
 - * OFCA
 - * WaaSchool Testing Tool

WaaSchool Testing Tool

- * Reduce Effort
- * Testing Operation
- * Record Results
- * No software/app installation
- * Reservation

Integration or Separation

	Integration	Separation
Security/Safety	Lower/Medium	Higher
Rely on Infrastructure	Yes	No
User Experience	Better	Find Alternatives



毋忘初衷

- * WiFi 100 - 電子學習學校支援計劃
- * Mode of eLearning
 - * Self-paced / Flipped Classroom
 - * Interactive lessons
 - * Mobile Learning



e-Learning



- * LMS (Google Classroom, Schoology, ...)
- * AirPlay
- * G Suite



Community



* HKEdCity / EDB

* AiTLE

* WhatsApp Group

* Telegram Group





Thank You!



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