

# Briefing Seminar for School Leaders of WiFi 900 Schools



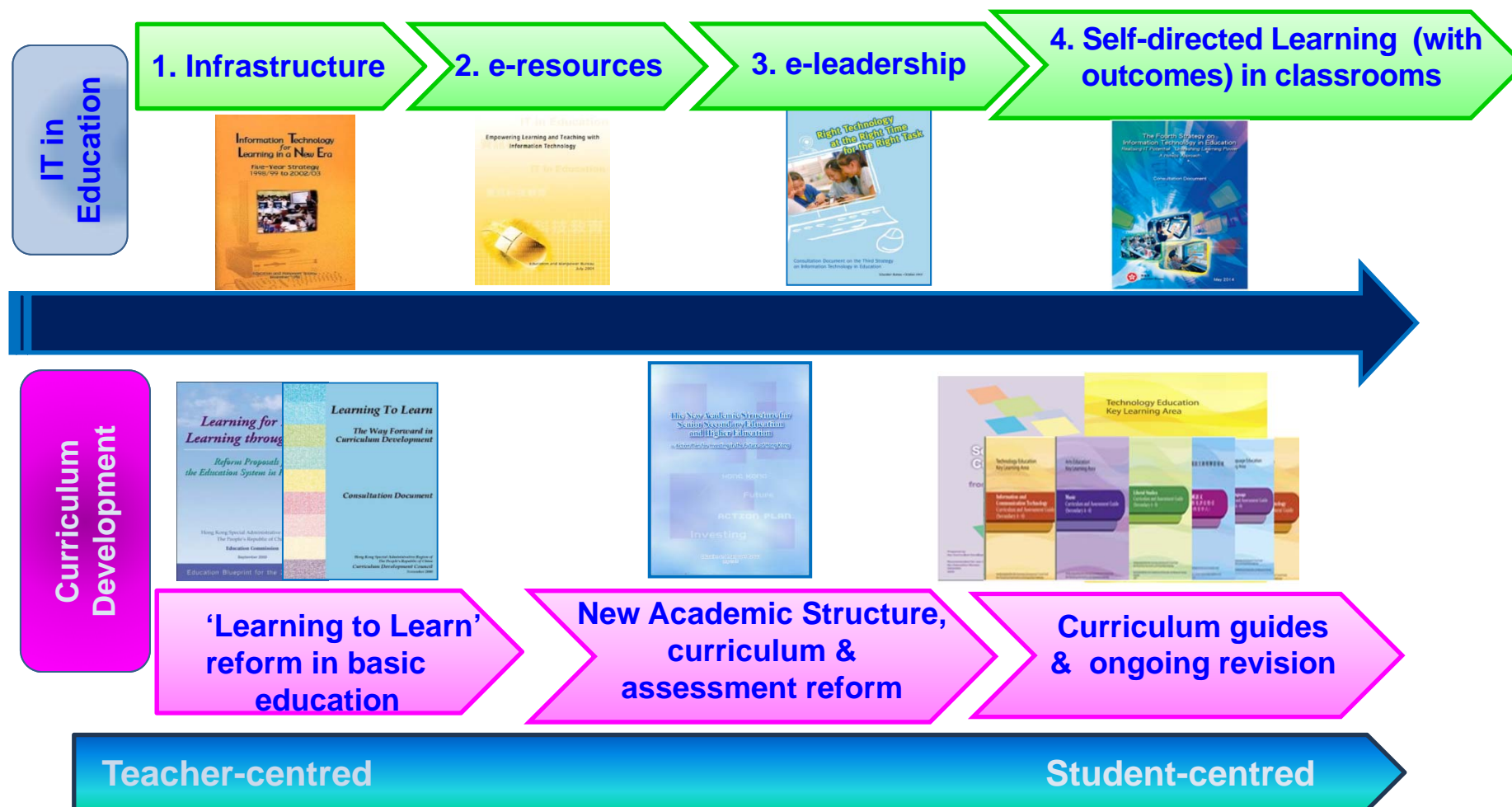
*realise IT  
potential*



*unleash  
learning  
power*

# Development of ITE

Coherent Development of IT in Education Strategies and Curriculum Reform for Fostering Students' Life-long Learning and Whole-person development

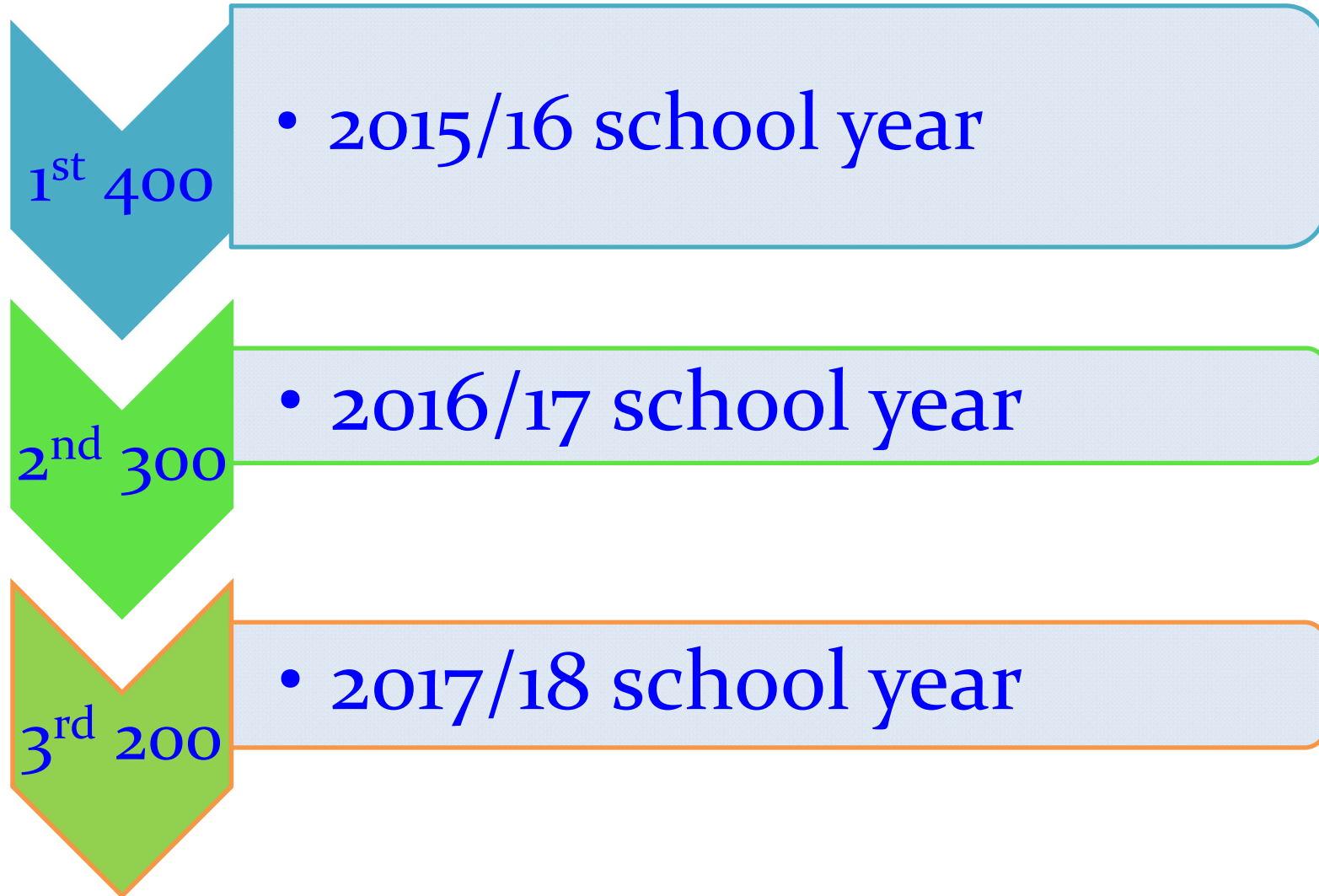


# The Fourth Strategy on IT in Education (ITE4)

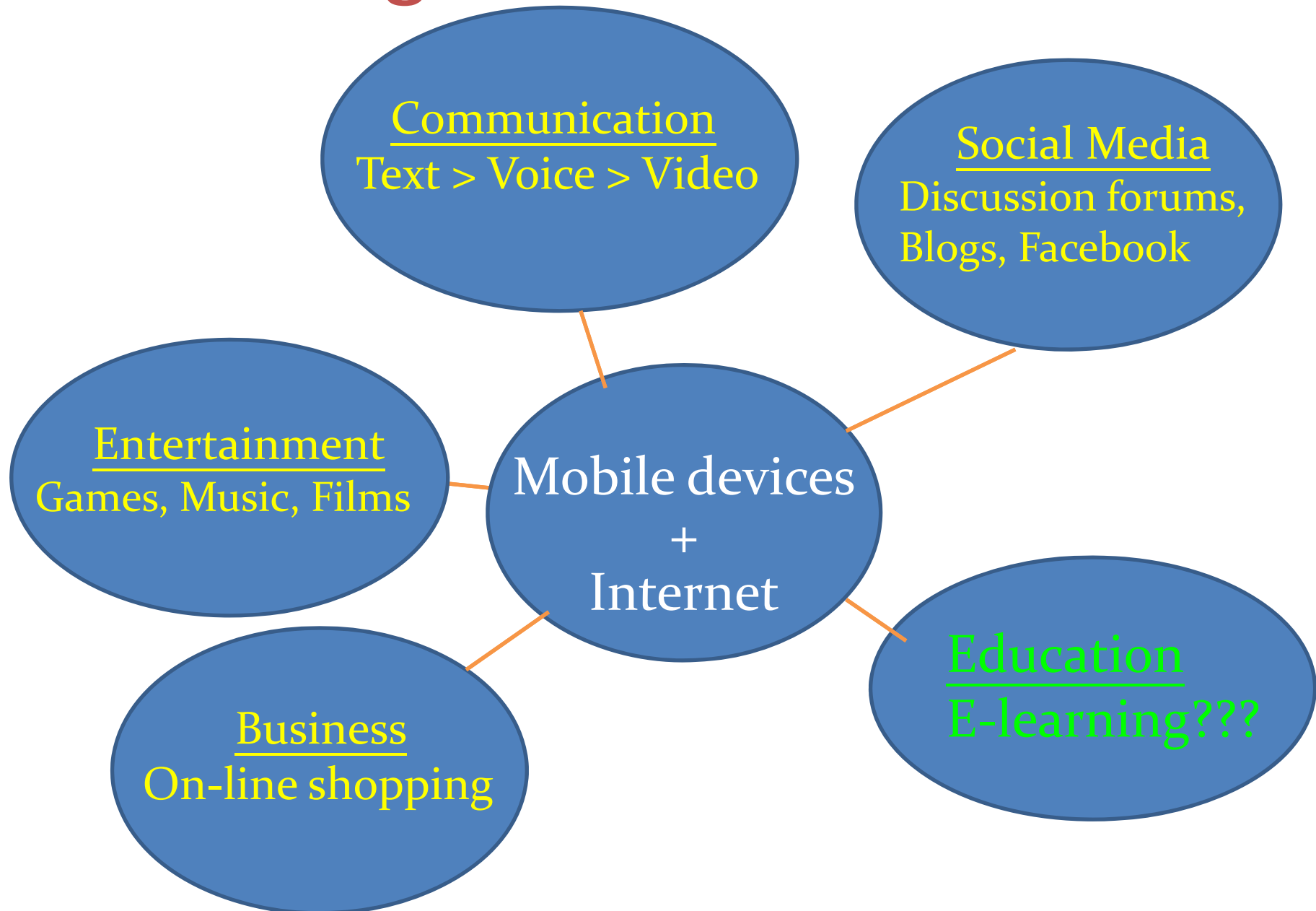
Implemented starting from  
2015/16 school year

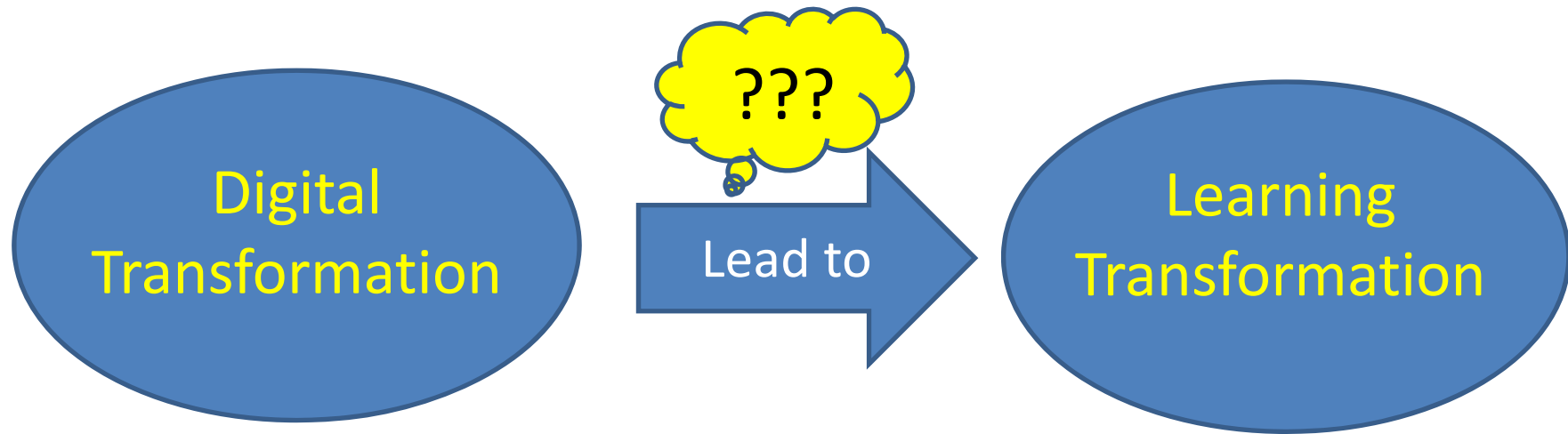


## WiFi 900 scheme



# Digital Transformation





How to make good use of IT to facilitate learning?

- ✓ Interactive
- ✓ Adaptable
- ✓ Accessible
- ✓ Portable
- ✓ Effective

- ◆ Give students access to better content
- ◆ Improve outcomes
- ◆ Empower teachers and students

- Equip our students with 21<sup>st</sup> Century learning skills
- Self-directed learning skills
  - Collaborative skills
  - Problem solving skills
  - Information Literacy

# Emerging use of IT in Education

## Teaching Tool

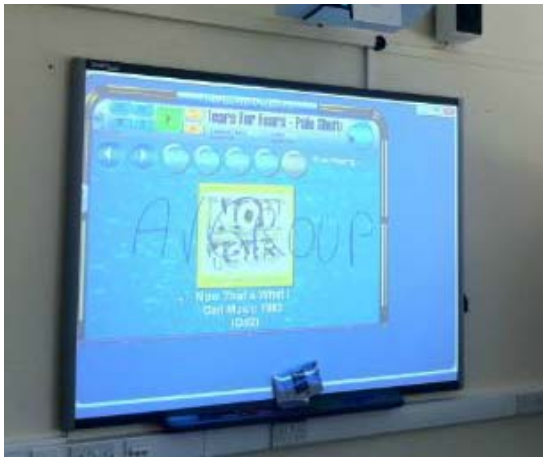
(Powerpoint, multimedia, simulations,..)

## Learning Tool

(e-resources/courses, e-assessment,..)

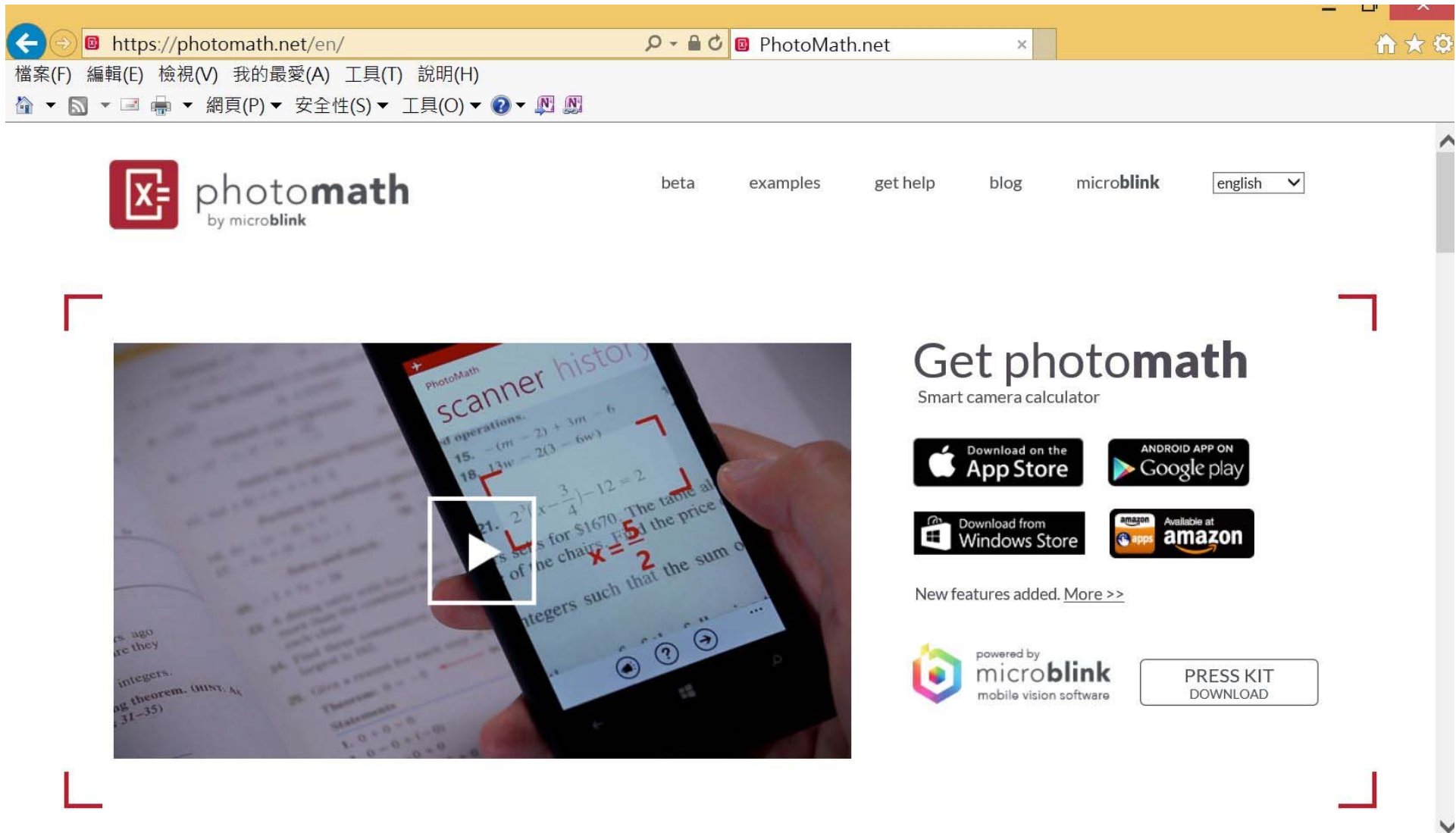
## Learning Partner

(study tool/materials, T/S communication, collaboration,..)





# Example: Use of mobile Apps



The image shows a screenshot of a web browser displaying the PhotoMath website. The browser's address bar shows the URL <https://photomath.net/en/>. The website header includes the PhotoMath logo, navigation links (beta, examples, get help, blog, microblink), and a language selector set to English. The main content area features a large video player on the left, which is currently paused and shows a hand holding a smartphone. The phone's screen displays the PhotoMath app interface, which is scanning a math problem from a textbook. The problem involves solving for  $x$  in the equation  $2x - 3 = 12$ , and the app has calculated the solution  $x = \frac{15}{2}$ . To the right of the video player, the text "Get photomath" is followed by the tagline "Smart camera calculator". Below this, there are four buttons for downloading the app: "Download on the App Store", "ANDROID APP ON Google play", "Download from Windows Store", and "Available at amazon". At the bottom of the page, there is a section titled "New features added. More >>" and a "powered by microblink mobile vision software" logo. A "PRESS KIT DOWNLOAD" button is also visible.

https://photomath.net/en/ PhotoMath.net

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

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# e-Textbook

[www.edb.gov.hk/ertl](http://www.edb.gov.hk/ertl)

電子教科書適用書目表 Recommended e-Textbook List (eRTL) [A](#) [A](#)

更新日期 Updated as at 30.12.2015



學校級別 School Level

: 請選擇 Please Select ▼

語言 Language

: 請選擇 Please Select ▼

搜尋 Search

34 sets  
on the  
list

4 more sets are being  
developed under EMADS II B

# A learning partner for students



# True or False

e-learning = WiFi infrastructure?

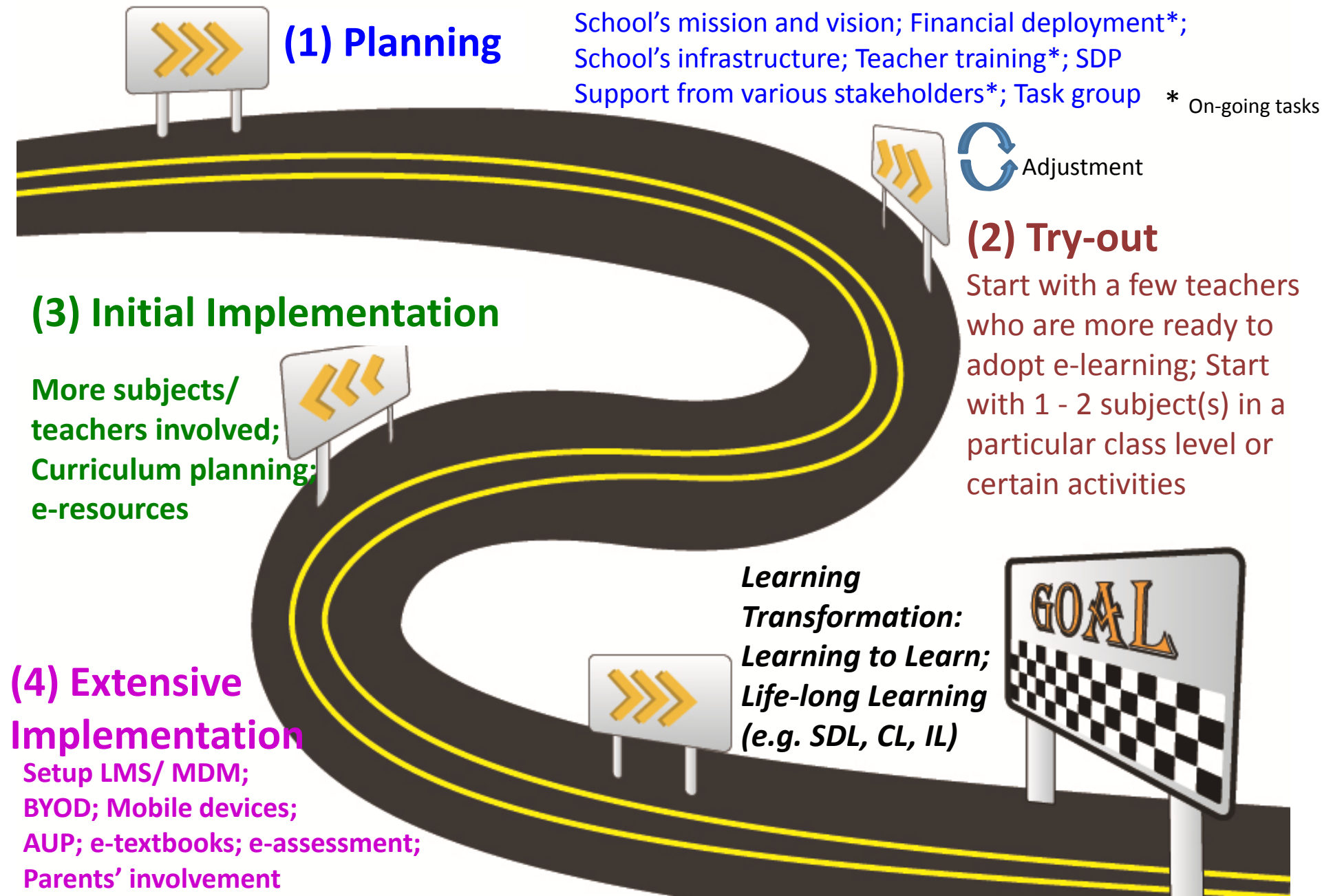
e-learning = e-textbooks?

e-learning = BYOD?

e-learning = Replace current L/T practice?

e-learning = ???

# A typical road map of implementing e-learning in schools



# Readiness and Planning of Schools Indicated in “Expression of Interest cum Survey”

## The Fourth Strategy on IT in Education – Enhancing Schools’ WiFi Infrastructure Expression of Interest Form

### General

This Expression of Interest (EOI) Form is designed for government local schools under the Direct Subsidy Scheme schools to indicate infrastructure enhancement under the Fourth Strategy on IT in coming school years. This form in static storage media, such as thumb drive should be submitted by hand or by post to:

### WiFi infrastructure enhancement plan

We will be ready to adopt WiFi for e-learning in our school in  
(Please refer to paragraphs 5-7 of the Explanatory Notes.)

Year of Implementation	Please indicate your preference (1-highest priority and 3-lowest)
2015/16	
2016/17	
2017/18	

### A Snapshot on the Implementation of e-Learning and WiFi Infrastructure

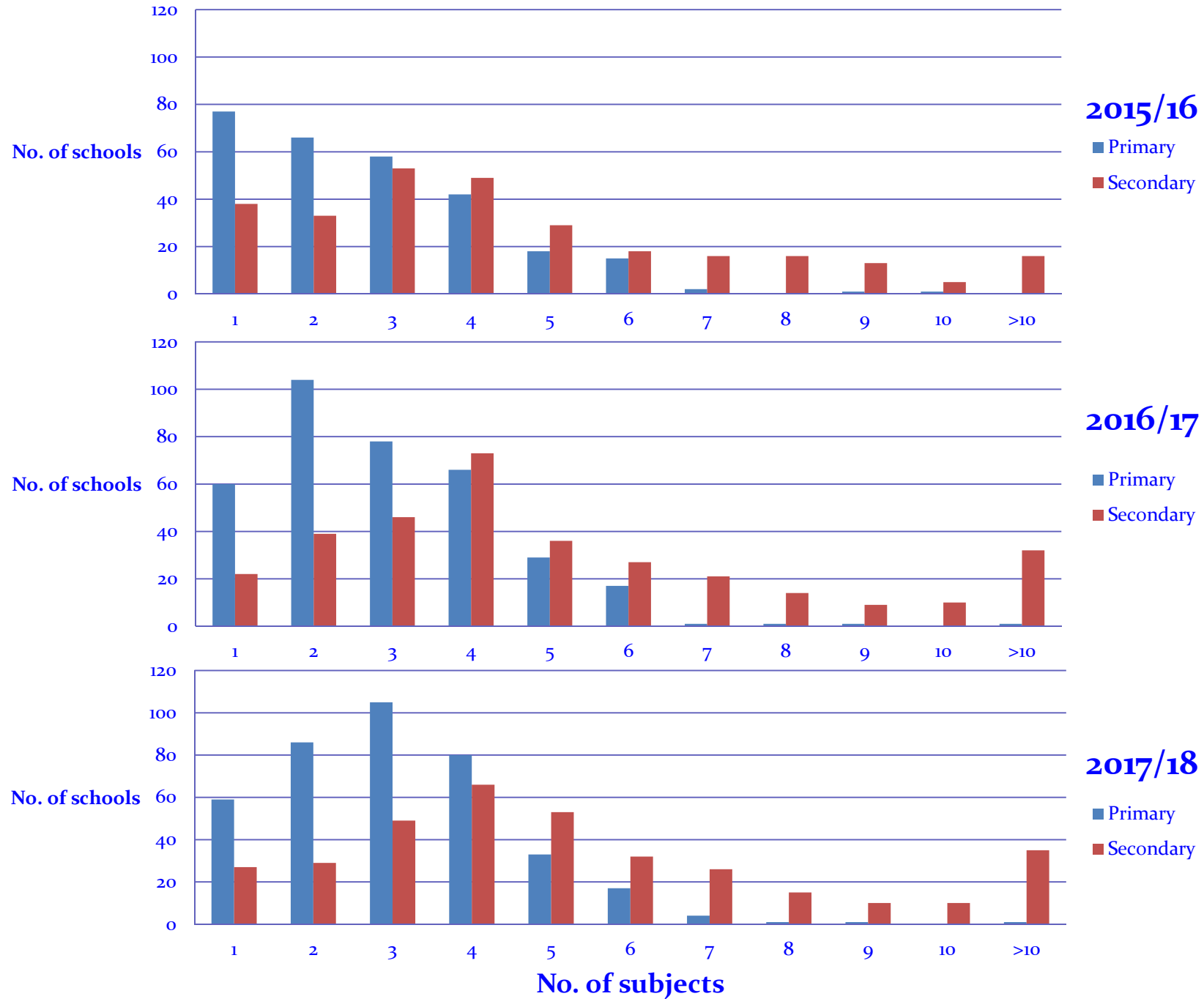
Please complete the following in view of the implementation of e-learning in school. We will only use the information for future planning of relevant support to schools.

#### 1. Please estimate how often students use IT in their learning:

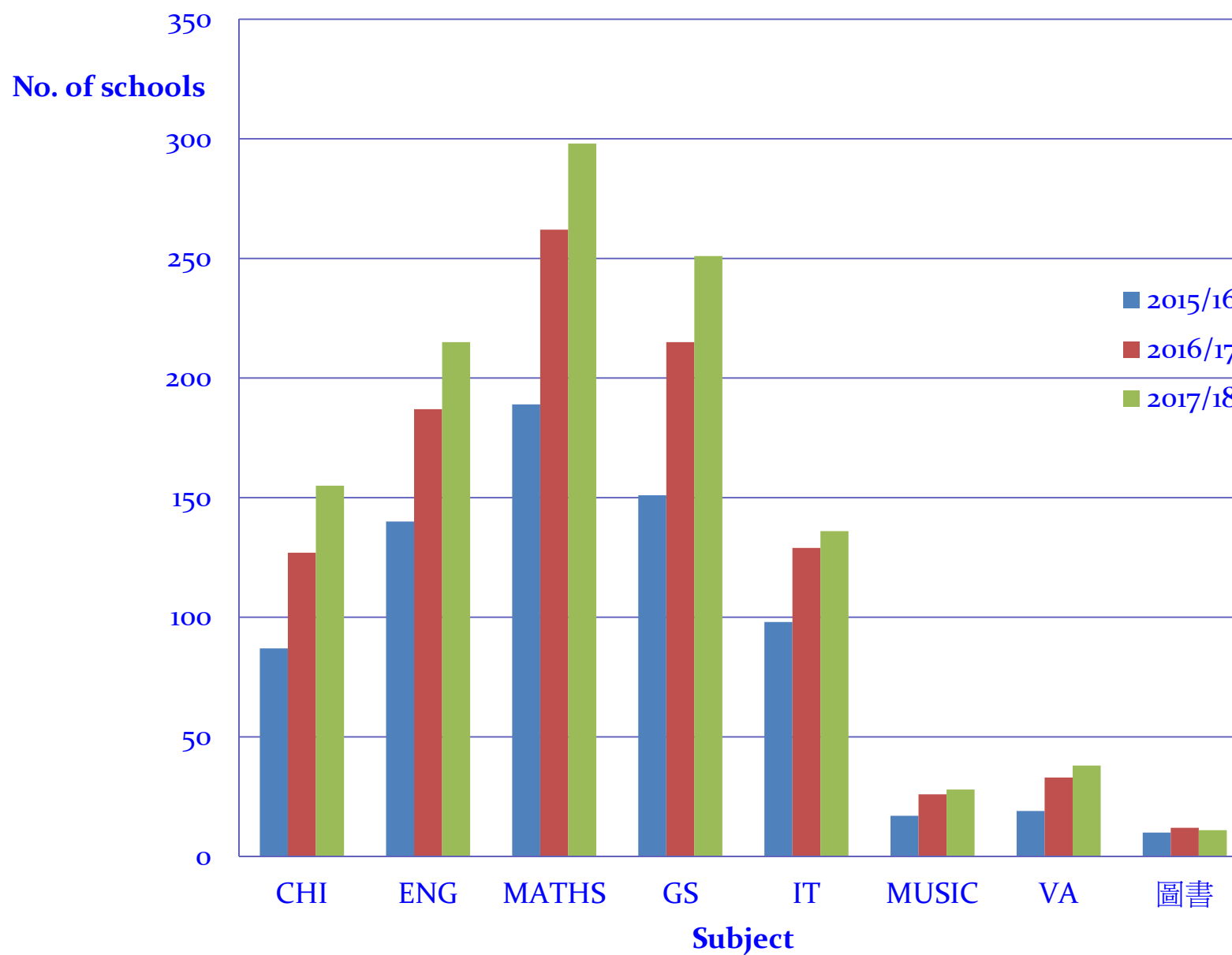
Area	Very often (at least once a week)	Often (at least once a month)	Occasionally (at least once a term)	Never
Inquiry-based Learning	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4
Collaborative Learning	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4
Self-directed Learning	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4	<input type="checkbox"/> KS1 <input type="checkbox"/> KS2 <input type="checkbox"/> KS3 <input type="checkbox"/> KS4

#### 2. Please state whether students are engaged in developing the following

## Schools' plan in adopting e-learning (1)



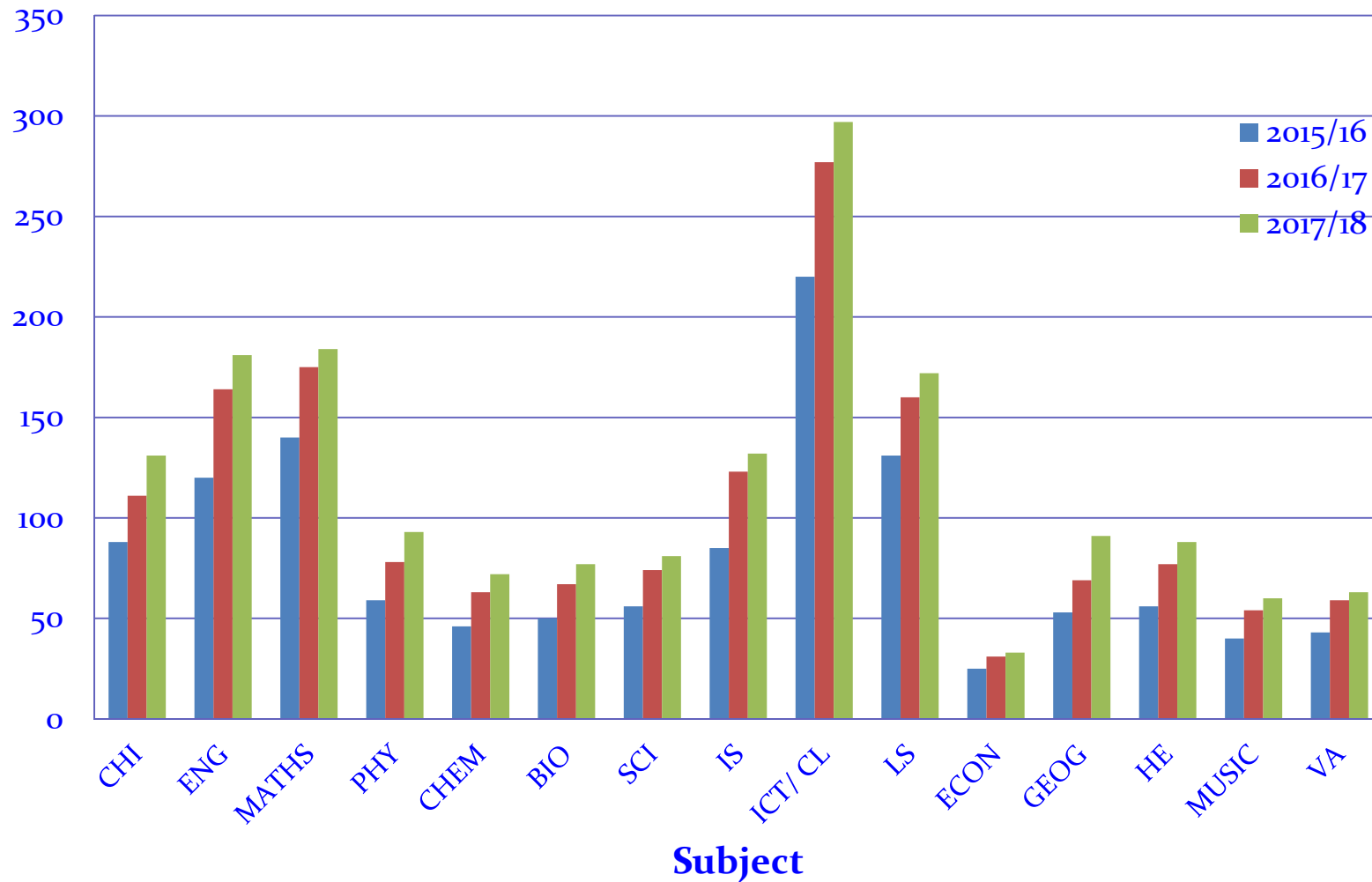
## Schools' plan in adopting e-learning (2) – Primary



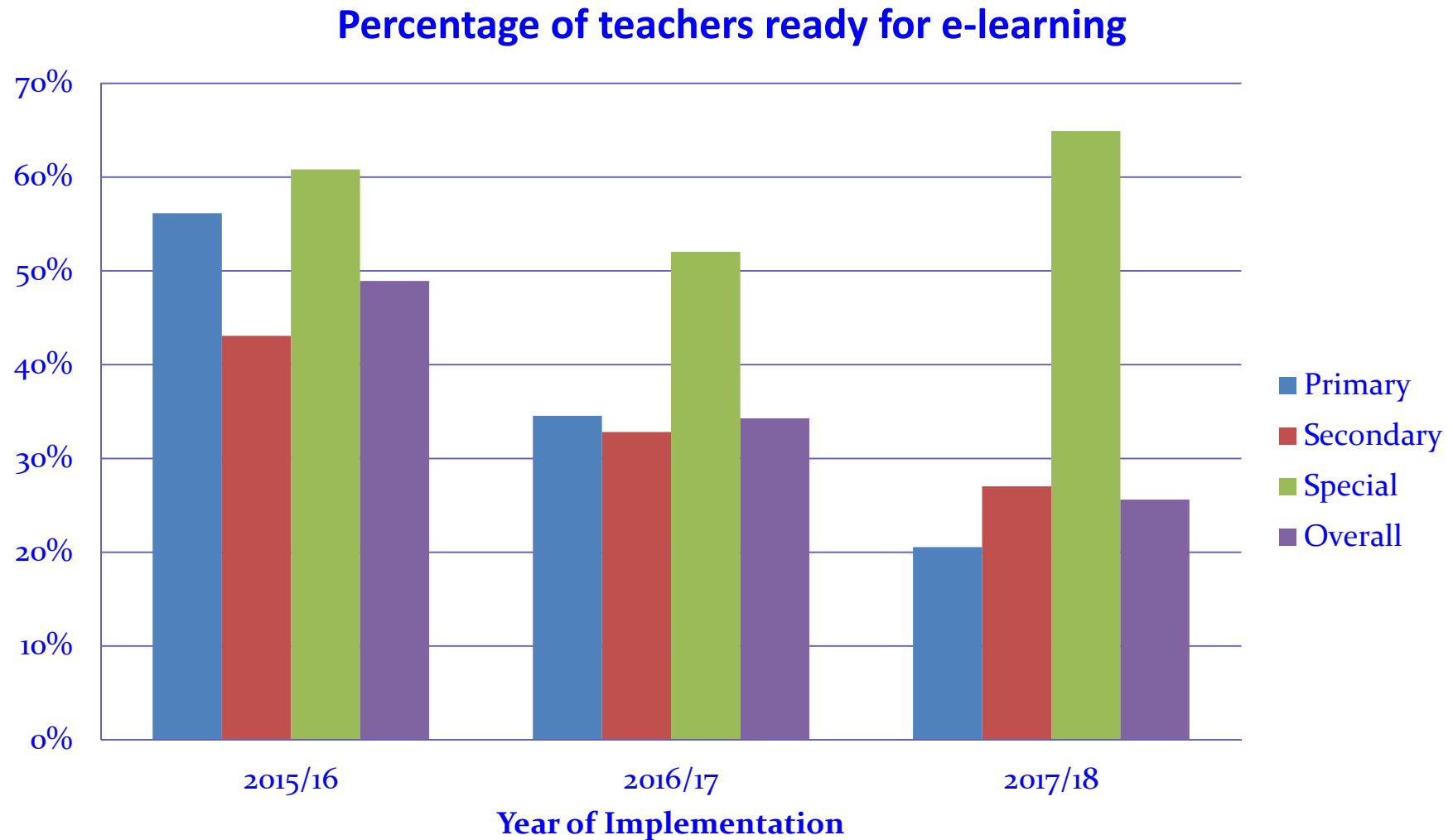


No. of schools

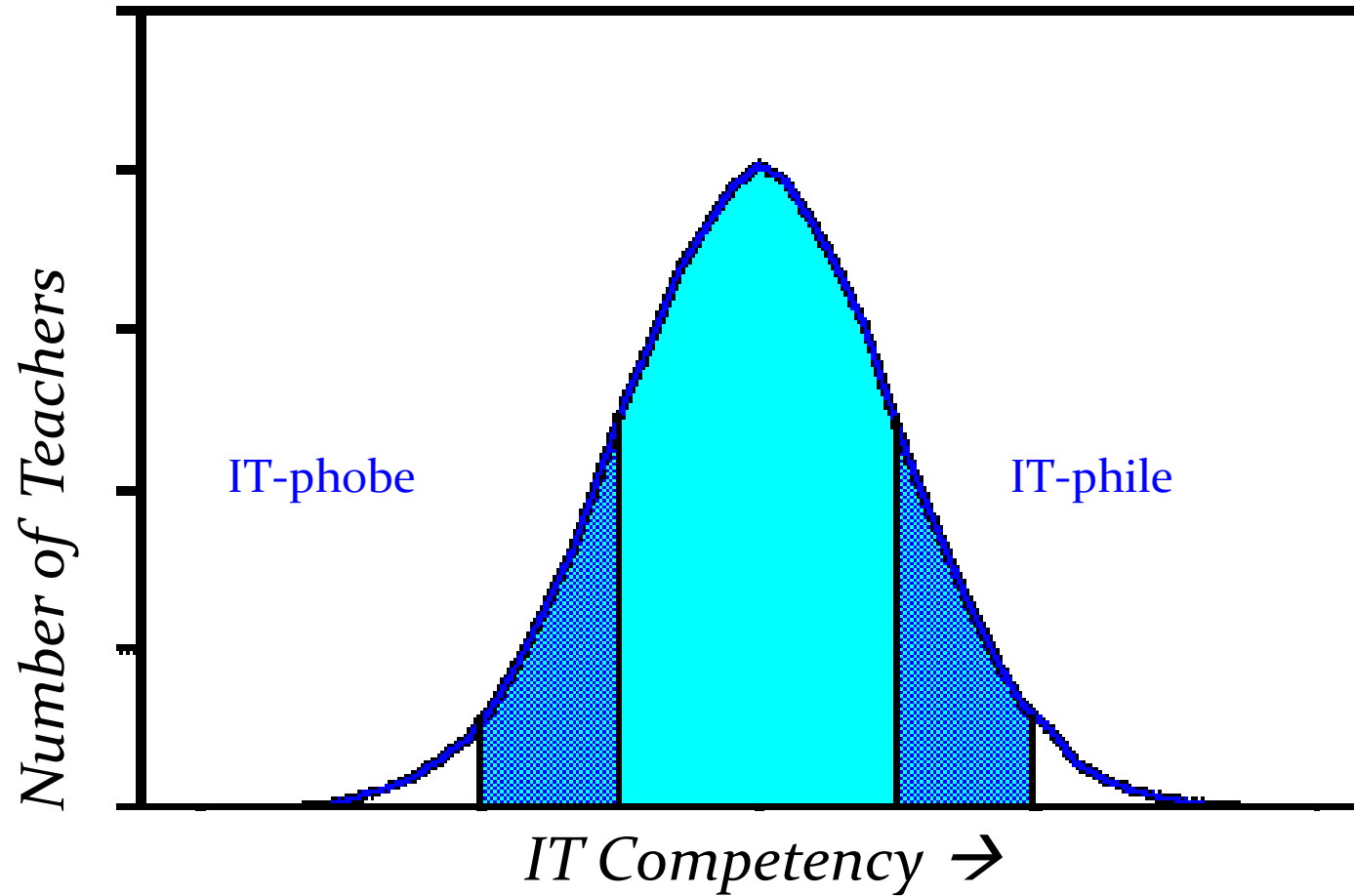
### Schools' plan in adopting e-learning (3) – Secondary



# Teachers' Readiness



Great challenge – working with teachers of different levels of IT competency



# Implementation of BYOD in secondary schools

Any BYOD Policies?	% of schools	Accumulated %
None	50%	50%
Aware the issue and formulating policy	28%	78%
Policy formulated but not yet implemented	7%	85%
Policy formulated and implemented	11%	96%
Have support measures to facilitate BYOD (e.g. AUP, Single sign-on, charging facilities)	4%	100%

# Funding arrangement – amount to be received by each school

- One-off grant – for acquiring mobile computing devices
- Extra recurrent grant – for expenditures on WiFi and other operational needs of e-learning

Class Range	One-off grant	Extra recurrent
18 classes or below	\$69,400	\$48,530
19-24 classes	\$95,430	\$66,740
25-30 classes	\$121,450	\$84,940
31-36 classes	\$147,480	\$103,140
37 or more classes	\$173,510	\$121,340

# Grants



1 <sup>st</sup> Batch of Schools	One-off* Extra recurrent#	Extra recurrent	Extra recurrent	Extra recurrent
2 <sup>nd</sup> Batch of Schools		One-off* Extra recurrent	Extra recurrent	Extra recurrent
3 <sup>rd</sup> Batch of Schools			One-off* Extra recurrent	Extra recurrent
WiFi 100 schools			Extra recurrent	Extra recurrent

\* Schools may use the one-off grant over a period of three school years.  
Unspent balance has to be clawed back.

# Schools are allowed to retain the unspent balance up to total provision of the extra recurrent grant for the current school year. In the long run, this will be subsumed under CITG / DSS Unit Subsidy Rate



# Thank You

