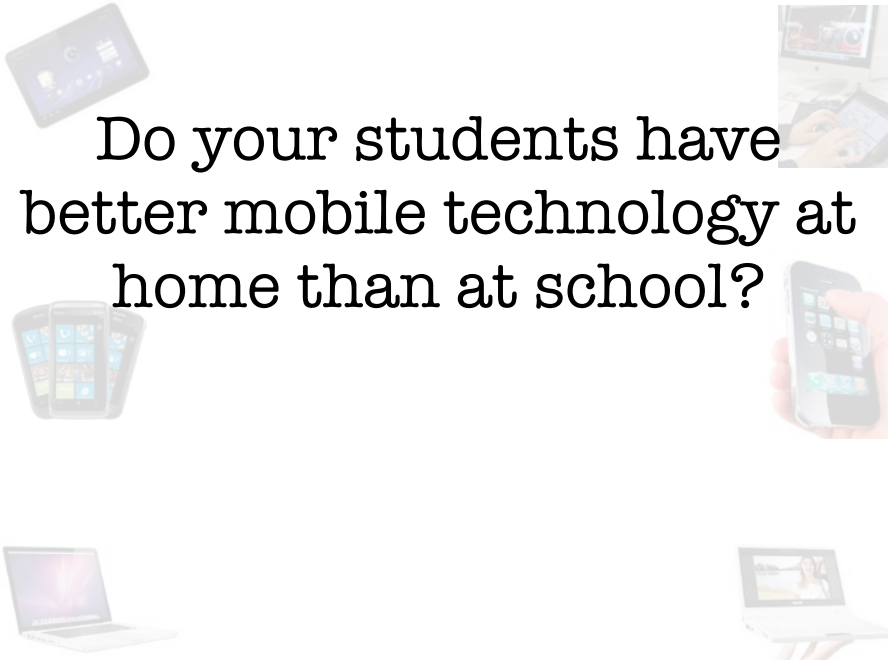


to  
BYOD  
or  
not to  
BYOD?

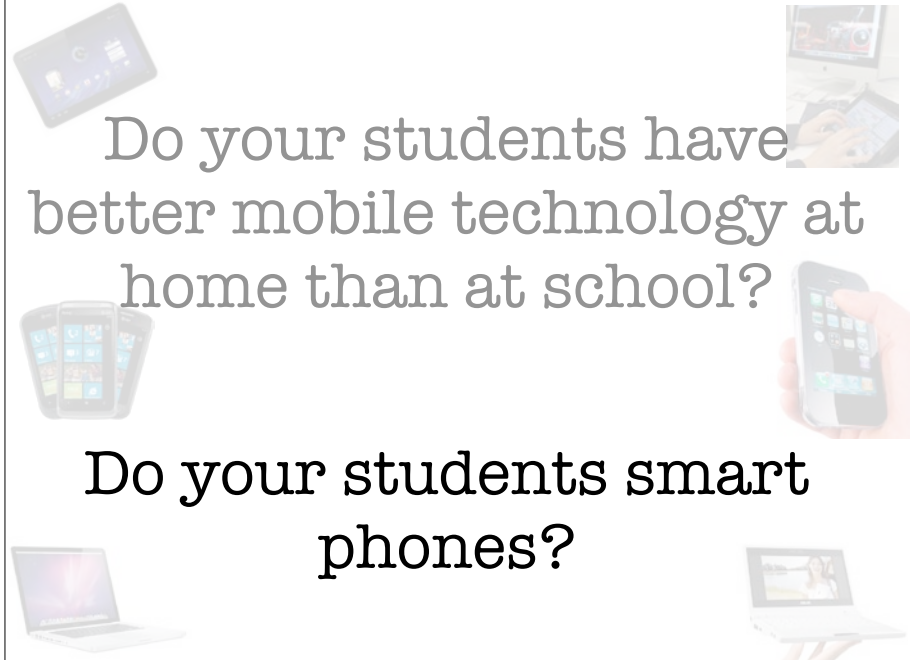
Dr Tim Kitchen  
[timkitchen.net/byod](http://timkitchen.net/byod)



iTips for Teachers  
[timkitchen.net/itips](http://timkitchen.net/itips)




Do your students have  
better mobile technology at  
home than at school?





Do your students have  
better mobile technology at  
home than at school?

Do your students smart  
phones?



# Where is your school at?



1:1 personal Laptops?

1:1 personal tablets?

1:1 BYOD?

Open use of smart phones?

Use of school devices only?

Other?



# Student Data

on owning a mobile device



10% of students had no device



25% of students own 1 device

36% of students own 2 devices

29% of students own 3 device



# Student Data

on owning a mobile device



80% of students have a laptop



65% of students have a  
smartphone

36% of students have a tablet



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## BYOD Issue 1

BYOD deepens the digital divide



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BYOD deepens the digital divide



## BYOD Issue 1

BYOD deepens the digital divide



Or does it do the opposite?

## BYOD Issue 2

BYOD will result in lessons geared toward the weakest device.



## BYOD Issue 2

BYOD will result in lessons geared toward the weakest device.

BYOD – Worst Idea of the 21st Century?

In 1990, I began helping schools across the globe realize the power of technology for every child. From the start there was a recognition of the need for every child to have their own personal mobile personal computer in the near future. Twenty-one years later, way too few students have a personal mobile device. This has become more controversial with each passing day.



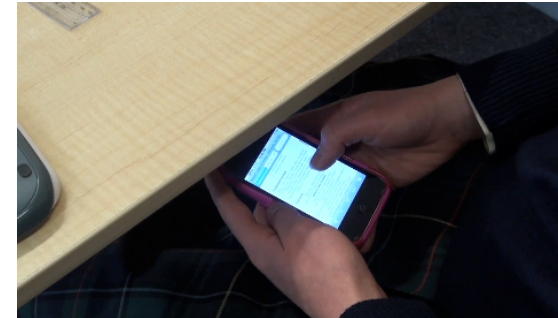
75

a laptop would be a good idea to

<http://stager.tv/blog/?p=2397>

## BYOD Issue 3

The distraction factor



It is all about class management

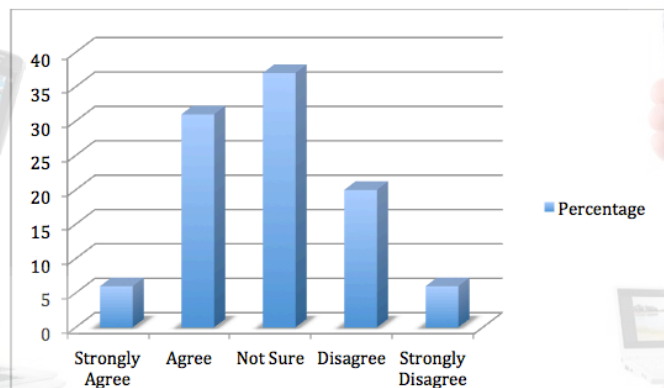
## BYOD Issue 3

The distraction factor

Question 4

I have found the iPad a distraction to my learning experience

Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree
6%	31%	37%	20%	6%



## BYOD Issue 3

The distraction factor

Student comments

- ☒ 'If you use it properly then no, not at all.'
- ☒ 'Some people get more distracted then others'
- ☒ 'But not so much now as I have gotten used to the fact that what I don't get done in class, I have to do for homework.'
- ☒ 'I can't control myself not to look at it'
- ☒ 'Need to block Facebook app!! And games and iMessage'
- ☒ 'I am learning to control myself towards the iPad.'
- ☒ 'It was a distraction when Facebook was unblocked but now it isn't distracting'
- ☒ 'I get tempted all the time to use my iPad to either play games or go to social networking whenever I'm doing my homework'





## BYOD Issue 3

### The distraction factor

#### Student comments

- ✓ 'At first it was a distraction but it has taught me to limit my time on it and use it more responsibly.'
- ✓ 'I have been more distracted in class than perhaps previous years however the iPad provides other learning experiences than textbooks or laptops. Getting distracted in class depends on whether you allow yourself to play games or do the work.'
- ✓ 'Well it was a bit distracting at first but it has settled down and it is a great tool for learning.'
- ✓ 'Sometimes it is a bit of a distraction because there is so much you can do'



## BYOD Issue 3

### The distraction factor

#### Teacher comments

- ✓ They offer plenty of distraction. Mind you, when the girls are being distracted by them it is because they are not engaged with the lesson.
- ✓ Sometimes can be distracted but not a major problem
- ✓ Need to be directed when not to use them.
- ✓ Not really a problem as I regard it as part of my classroom management.
- ✓ The incredible distraction caused by games.
- ✓ The never-ending need to communicate with other students via imessage etc.



## the importance of an AUP

### Etiquette in class & the Library

- **All mobile devices should be set to a silent and non-vibration mode at all times eg: iPhone and iPads to be set to 'Do Not Disturb'**
- **Engaging in non-class related communication such as phone calls, emails and/or text messages is not acceptable. Notifications must be deactivated in class.**
- **Headphones should only be used when permitted by the teacher.**
- **Playing non-class related games, looking up non-class related web-based content (such as social media content) or interacting with non-class related applications is not acceptable.**

## Etiquette around the School

- **All personal digital devices need to be labeled with the owner's name and be set with a security code to protect from use by others.**
- **Headphones should be used at a safe and acceptable volume level.**
- **Students are responsible for the upkeep and maintenance of their own personal devices. Teachers are not expected to understand the operations of all operating systems and it is not the responsibility of the IT or teaching staff to deal with faults with personally owned devices.**


The class teacher has the right to confiscate any device that is misused. See the Senior RDUA for more information.

## BYOD Issue 4

The network will only cope with one style of device.




Are the ICT decisions at your school being made with an education focus or an IT focus?

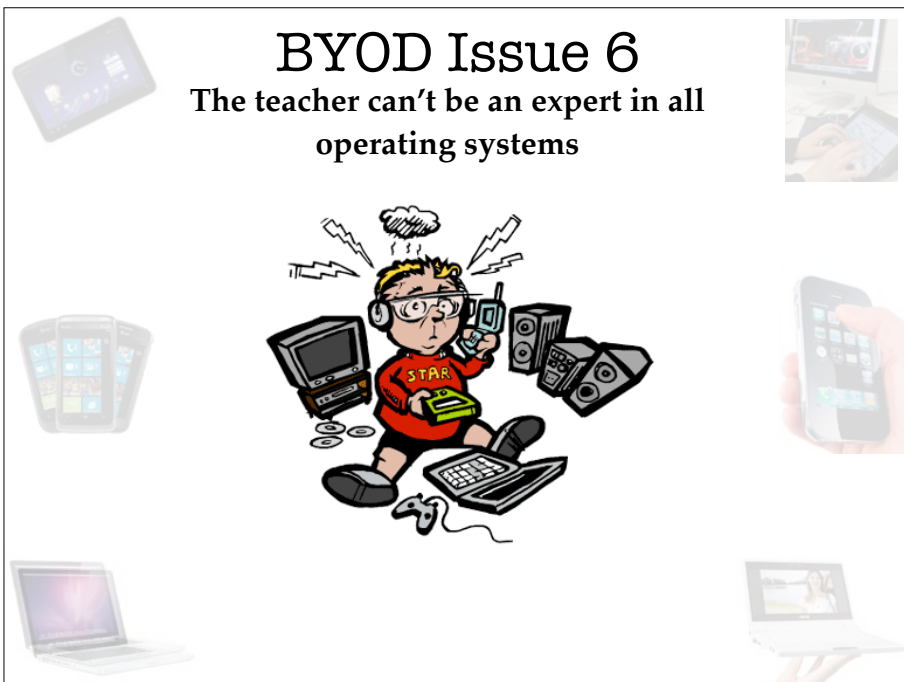


## BYOD Issue 5

BYOD increases security risks


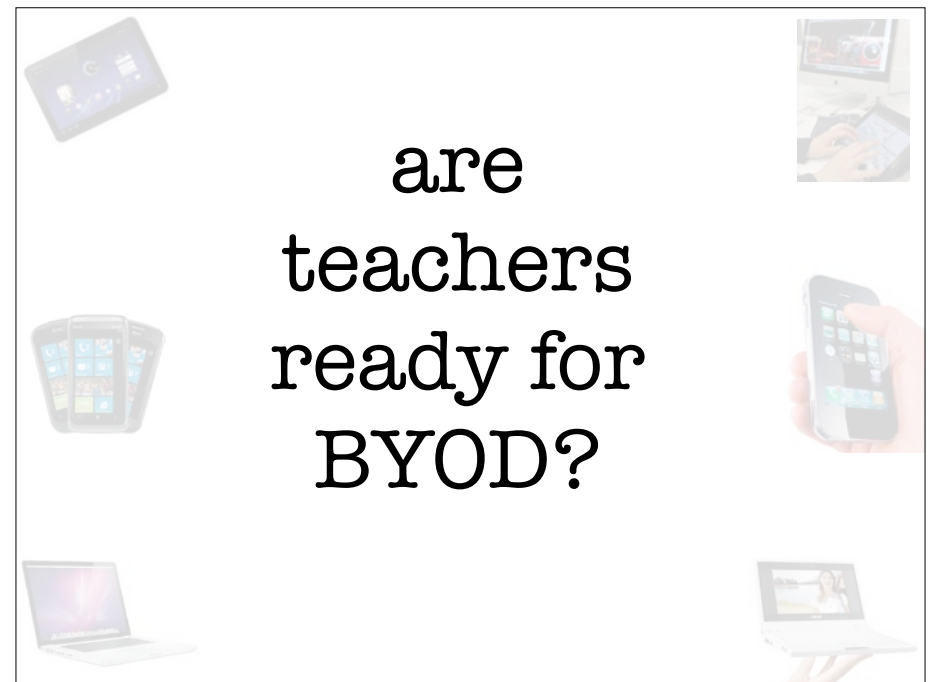



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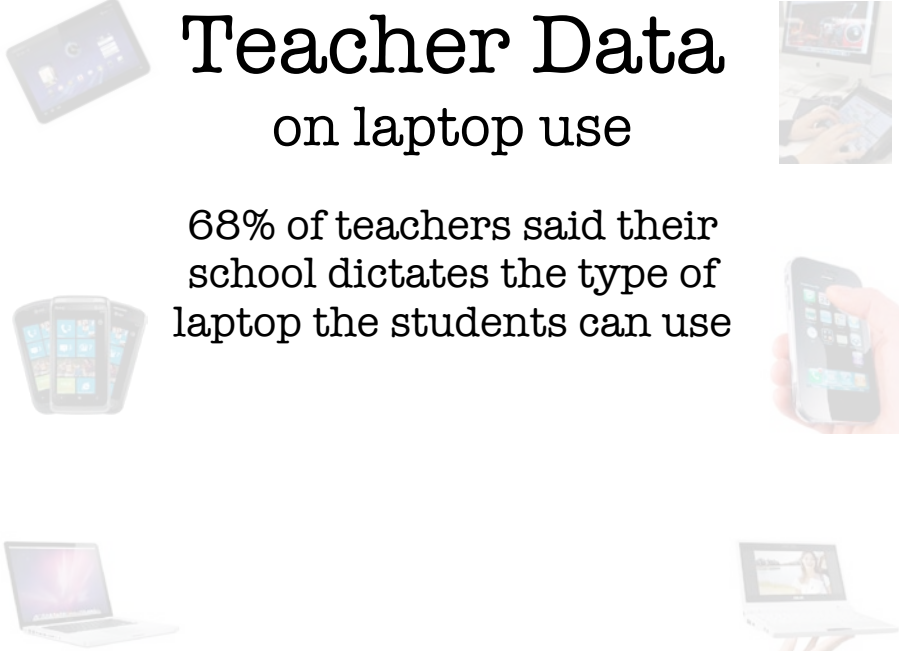
## BYOD Issue 6

The teacher can't be an expert in all operating systems

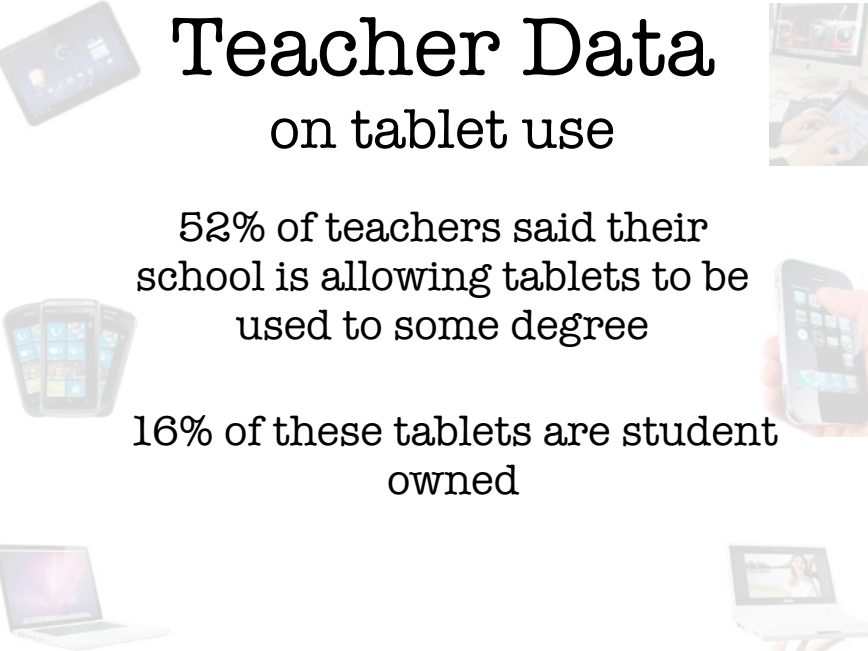
## are teachers ready for BYOD?





## Teacher Data on laptop use

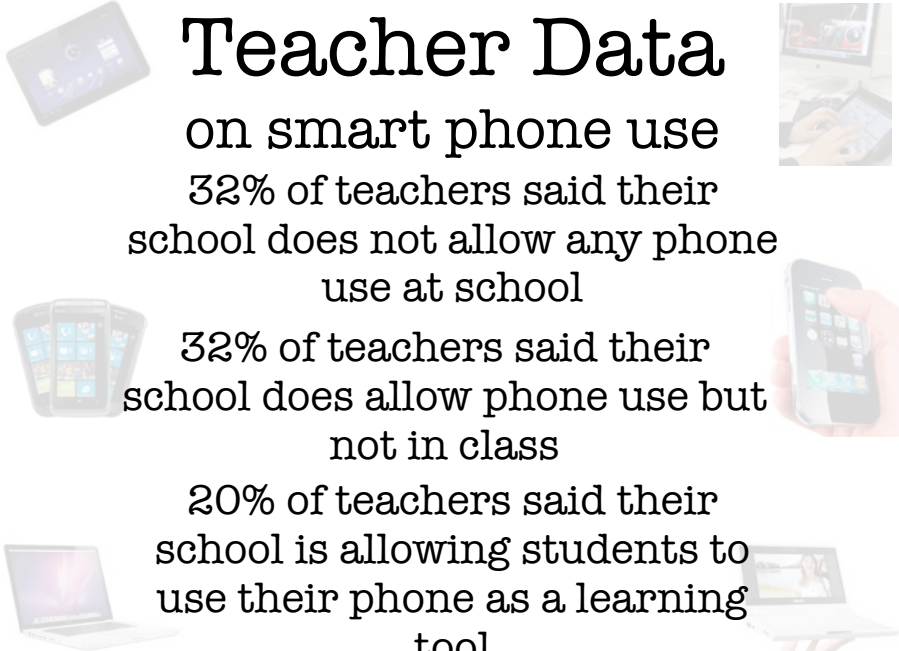
68% of teachers said their school dictates the type of laptop the students can use



## Teacher Data on tablet use

52% of teachers said their school is allowing tablets to be used to some degree

16% of these tablets are student owned



## Teacher Data on smart phone use

32% of teachers said their school does not allow any phone use at school

32% of teachers said their school does allow phone use but not in class

20% of teachers said their school is allowing students to use their phone as a learning tool





## Student Data on laptop use

57% of students said the laptop  
they use is owned & provided  
by the school

11% of students said they can  
bring in their own laptop



## Student Data on phone use

20% of schools allowing phone  
use but not in class

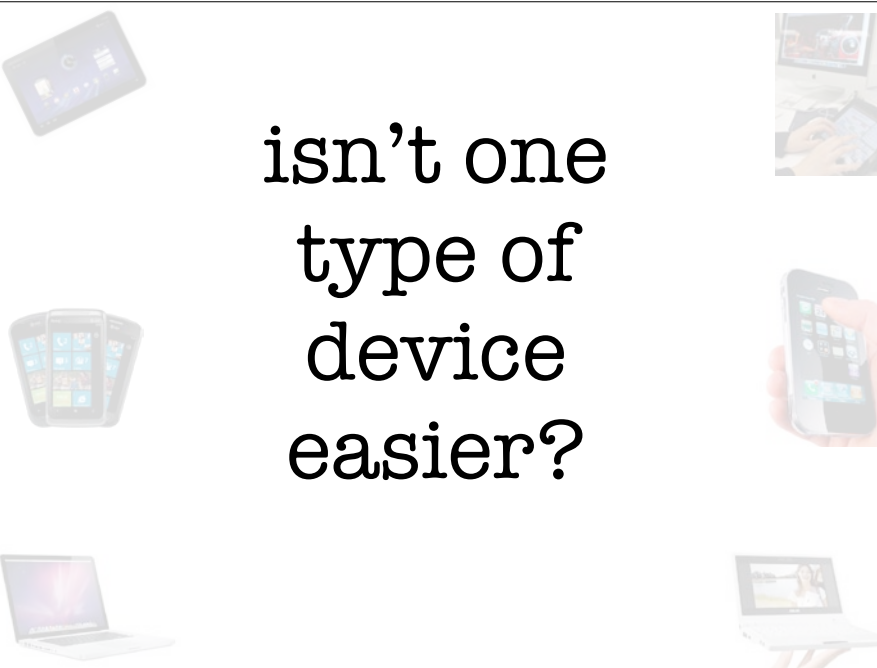
80% of schools not allowing any  
phone use at school

62% of students have a smart  
phone

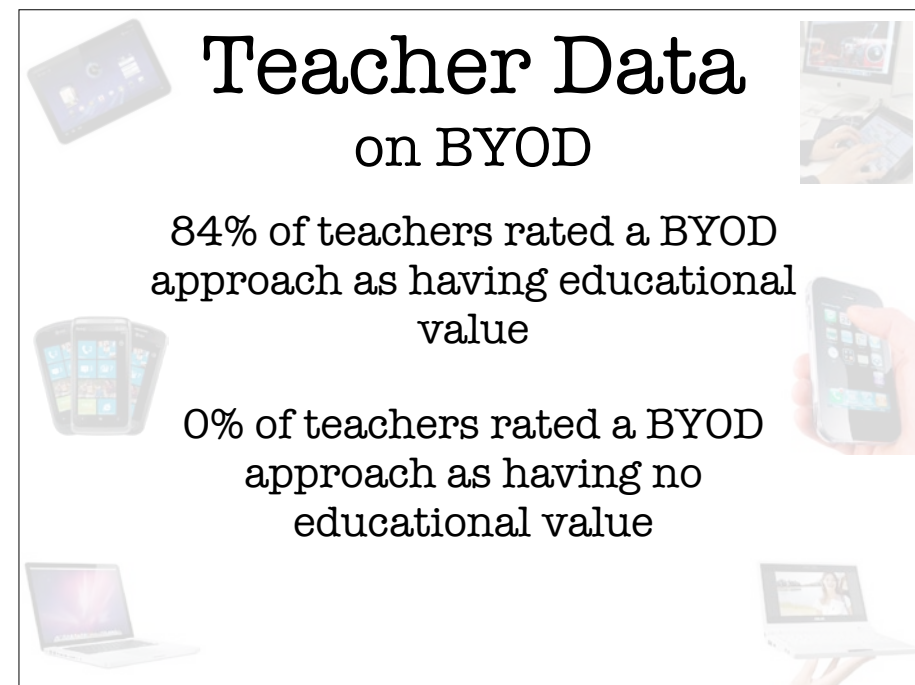
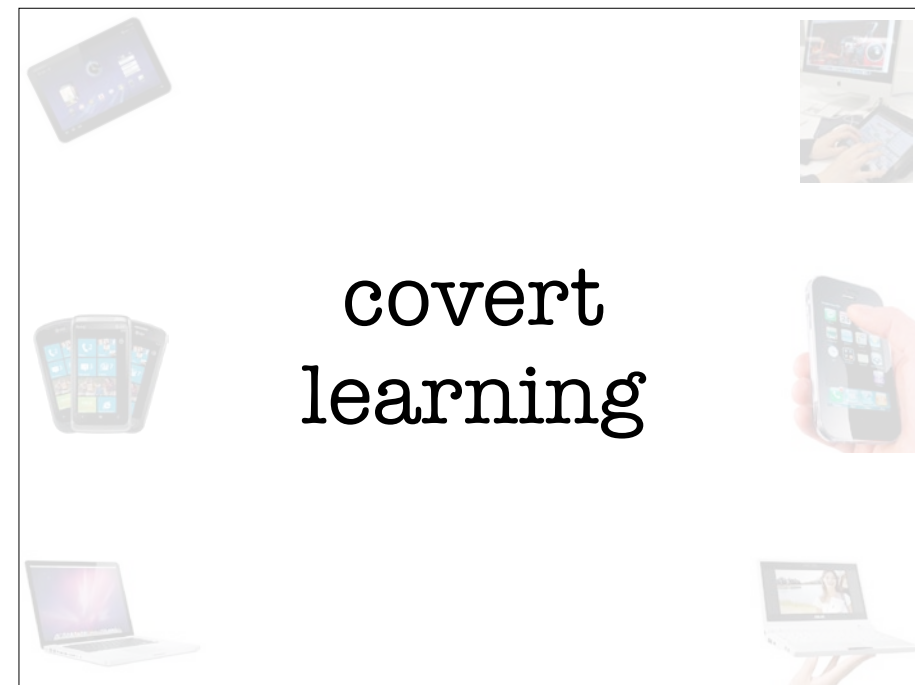


## Student Data on tablet use

71% of students said their  
school does not use tablet  
devices



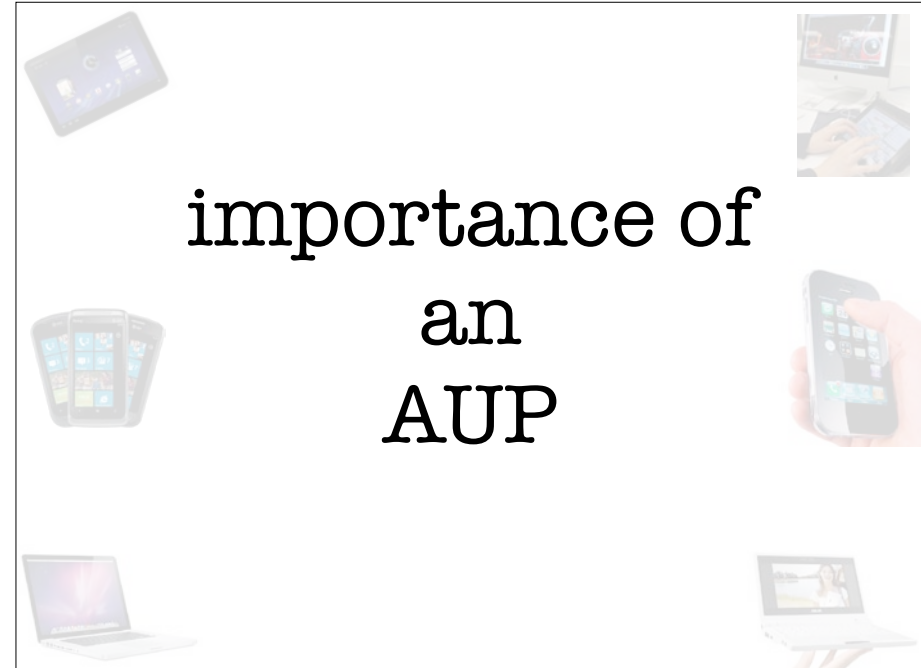
isn't one  
type of  
device  
easier?






# Teacher Data on BYOD

46% of teachers agreed that managing students with a BYOD approach would be either difficult or extremely difficult



# importance of an AUP



## Acceptable User Policy

iTips for Teachers  
[timkitchen.net/itips](http://timkitchen.net/itips)



# Teacher Data on BYOD

71% of teachers said that their school had a well advertised and active AUP

A collage of various mobile devices. At the top left is a tablet displaying a home screen with app icons. Below it are three smartphones, two of which are displaying the Windows Phone interface. At the bottom left is a silver laptop. To the right of the central text is a hand holding a smartphone, and above that is a person's hands using a tablet in front of a computer monitor.

to  
BYOD  
or  
not to  
BYOD?

Dr Tim Kitchen  
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