Mobile devices in the classroom:
Practical strategies and challenging issues

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New Technology in Education Conference
Belgrade, February 2014

EdFutures

www.edfutures.net

The Open University

The plan …

What's it all about?　　　　Our Google doc

About you …

Tips for going mobile

Issues:-

Content vs. Process

Provision model

What device?

Who pays?

Ownership

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What's it all about?

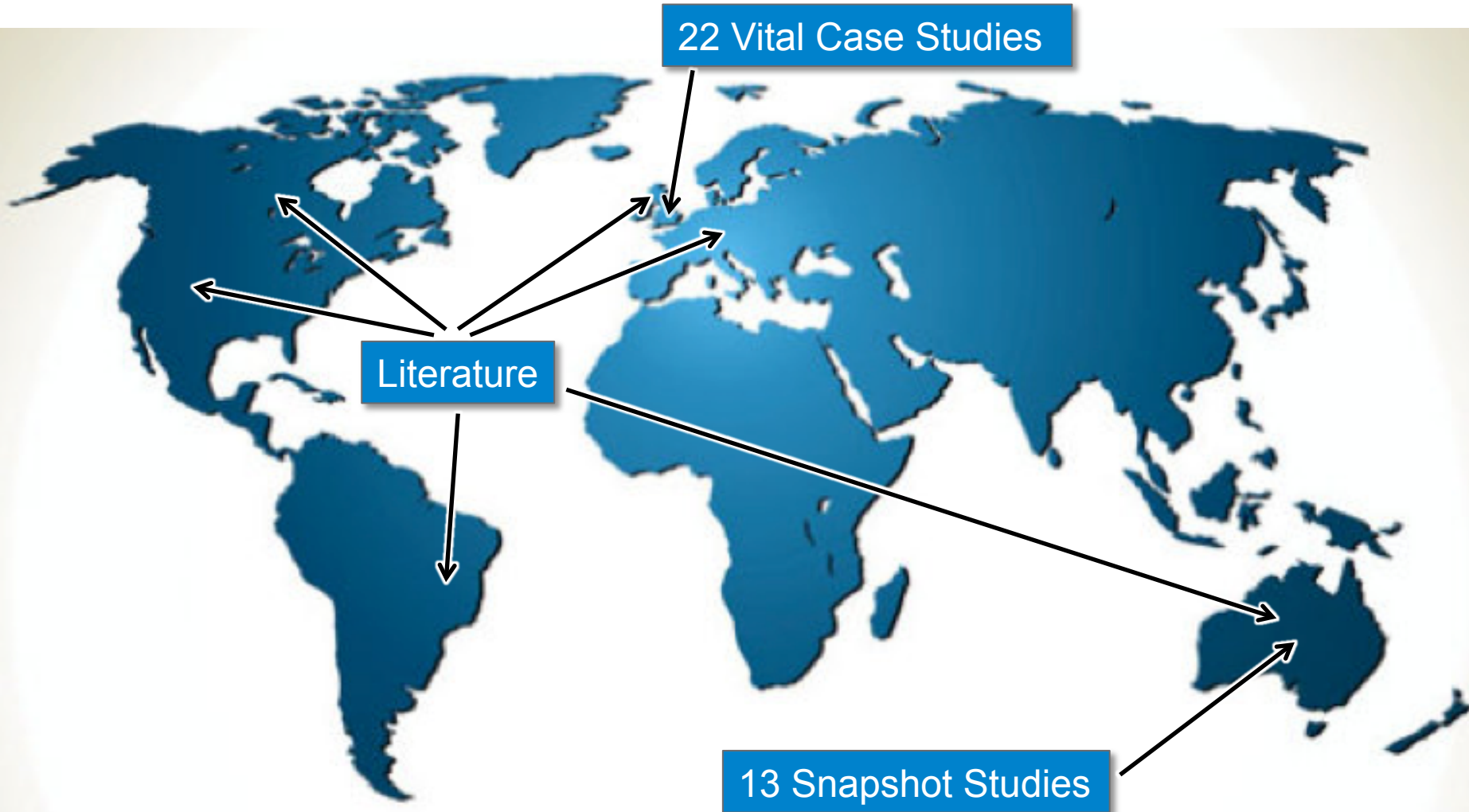© Rock 1997   GNU Free documentation license http://en.wikipedia.org/wiki/File:Internet1.j

EdFutures.net research

22 Vital Case Studies

Literature

13 Snapshot Studies

EdFutures

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Research Strategy

Overview   [edit]

Vital commissioned a series of case studies, looking at the strategies that schools are using in

http://edfutures.net/Research_Strategy

The researchers customised the methodology to fit the context of the particular school they were working with. They were then asked to publish a brief case study report and submit all of their data for meta-analysis by the central Vital team. This meta-analysis feeds into our understanding of emerging trends and related advice on effective digital technology strategies.

- View the case studies
- Explore the information on effective digital technology strategies

Ethics   [edit]

Ethics is a critical part of any research. BERA's Ethical Guidelines for Educational Research 🗎 set out the minimum ethical standards that all educational researchers should adhere to.

The key point being that all participants should be fully informed about the nature of the research and given time to ensure that they wish to take part. All staff, pupils and other people involved in

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Technology Strategy Case Studies

A number of case studies have been carried out in schools around England to examine a number of key technology initiatives. These include Bring your own device (BYOD), Bring your own technology (BYOT), 1:1 computing, Digital Leaders, Flipped classrooms and Cloud computing.

1:1 Computing with iPads at ESSA Academy, Bolton	1:1 Computing	Dr Steven Naylor and Dr David Menendez Alvarez-Hevia
1:1 Computing with iPods touch at Norris Bank Primary School, Manchester	1:1 Computing	Dr David Menendez Alvarez-Hevia and Dr Steven Naylor
ICT Usage Policies at St Nicholas CofE Primary Blackpool	Responsible use policies	Dr Stephen Musgrave
Chad Varah Primary School Case Study, Lincoln	1:1 Computing	Yvonne Walker
Using iPads 2 Preston Park Primary School Wembley	1:1 Computing	Dr Glenys Hart
Digital Leaders at Long Lee Primary School	Digital Leaders	Dave Murray
Moving to Cloud Computing at Campsmount	Cloud computing	Theo Kuechel
Innovating into Cloud Computing at Manchester Communication Academy	Cloud computing	James Duggan
1:1 Programme at Perins School in	1:1	Dr Christian Bokhove

http://edfutures.net/Technology_Strategy_Case_Studies

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http://edfutures.net/Digital_technology_trends

http://edfutures.net/Digital_technology_strategies

Funding	'School'				Subsidised	Hybrid		Home
Provision	Lab	Group sets	Class sets	1:1 loan	1:1 owned		BYOD	BYOT
Network	Wired		Wireless: closed				Wireless: controlled	Wireless: open
Tech model	'Learning technology'						Consumer devices	
Hosting	'Local' Servers		VLE				Cloud	Cloud +
Access	Internal		External (staff)		External (registered)			Public
Management	ICT teachers		Dedicated technology infrastructure team			Digital Leaders		Manage YOT
CPD	Formal CPD		Informal CPD			Learning organisation		
Pupil role	Traditional class teaching		Independent & personalised learning					Pupils teach
Teacher role	Sage on the stage		Collaborative resource designer & Guide on the side					Co-learner
Impact	Support		Extend					Transform

About you ...

About you ...

English

About you …

Eng

About you …

Eng

About you …

Eng

About you ...

Eng

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Our Google Doc

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http://is.gd/aJDpPt
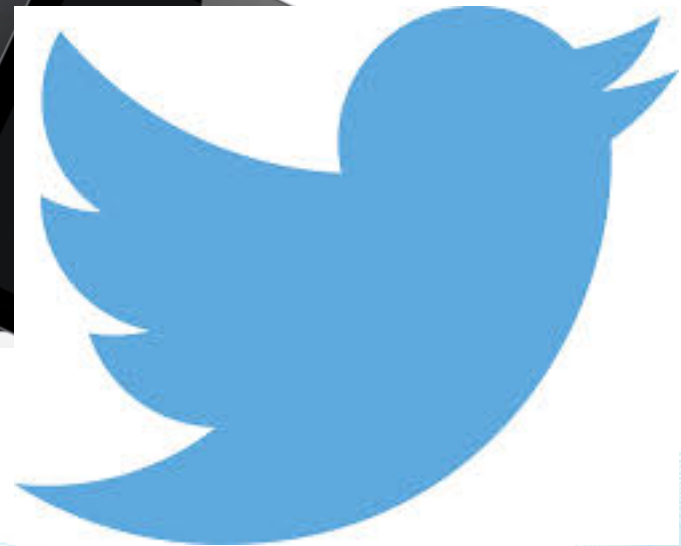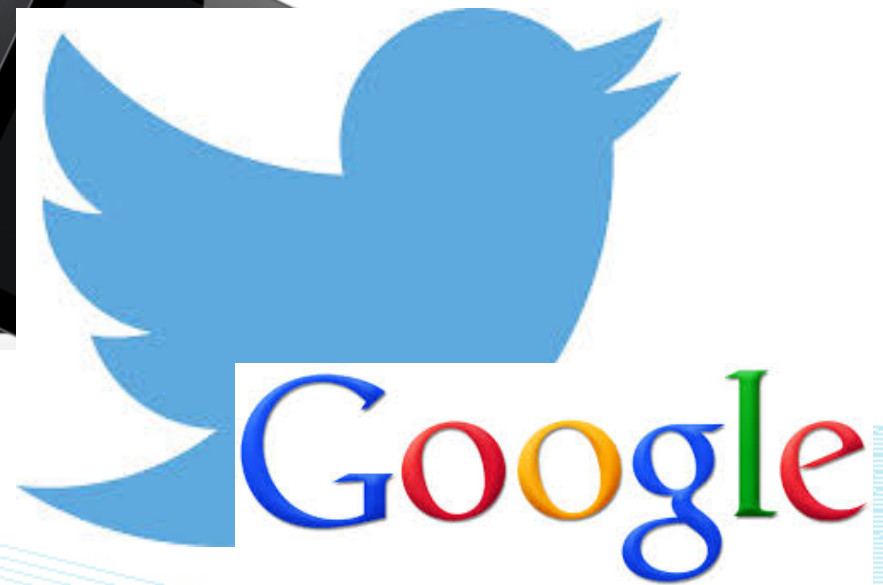
Please do NOT delete/edit text that is in purple

Lecture/workshop on mobile devices

Useful links - info and advice

No	URL / #	Description
1	http://edfutures.net	A wiki with info about digital technology strategies (mainly school focussed). @PeterT
2	@PeterT	Tweets about education, ICT, future, assessment. @PeterT
3		

To add another row put your cursor in the bottom right cell and press the TAB key

Useful links - resources and apps (mostly free?)

No	URL	Description
1	http://www.classtools.net/	Host of (free) tools to use in the

Tips for going mobile

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Top tips for going mobile - 1

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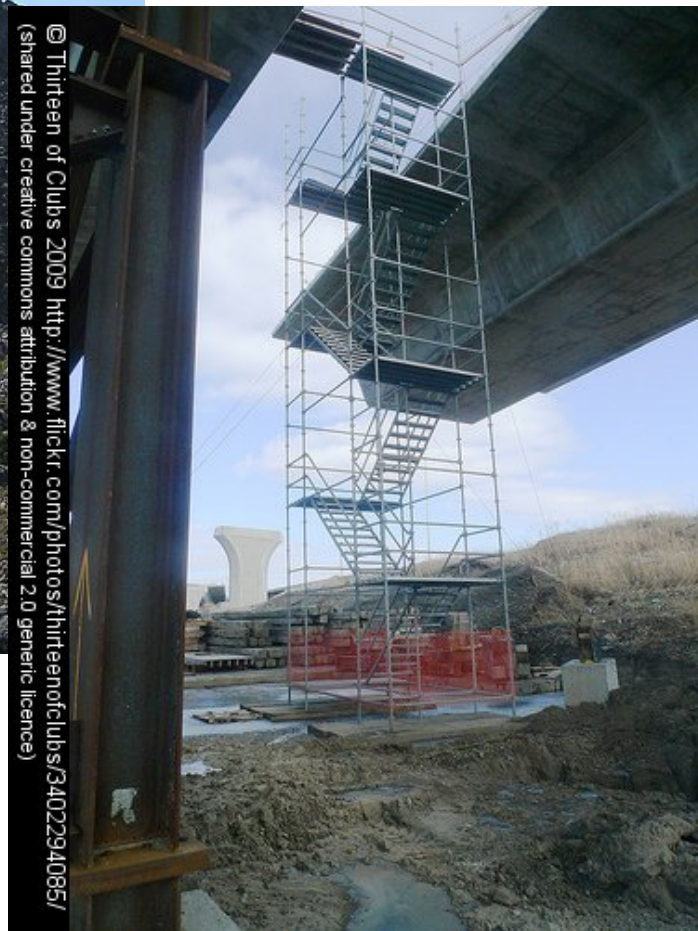
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Top tips for going mobile - 3

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Top tips for going mobile - 6

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Issue 1
Content vs. Process

Content vs. Process?

Learn about *flags* from an app

Content vs. Process?

Learn about *flags*
from a range of sources

Content vs. Process?

Document information
about *flags*
from a range of sources

Content vs. Process?

Design a *flag* informed by information about *flags* from a range of sources

Content vs. Process?

Record the process
of designing a *flag* informed by
information about *flags*
from a range of sources

Content vs. Process?

(Peer-)review the process of designing a *flag* informed by information about *flags* from a range of sources

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Issue 2
Provision model?

Provision model?

1 to Many		
1 to 1		

Provision model?

	Shared	'Owned'
1 to Many		
1 to 1		~~School funded~~ **Home contribution** *Buy* **Your Own**

Provision model?

	Shared	'Owned'
1 to Many		*Bring* Your Own
1 to 1		~~School funded~~ **Home contribution** *Buy* Your Own

Provision model?

	Shared	'Owned'
1 to Many		*Bring* Your Own
1 to 1		~~School funded~~ Home contribution *Buy* Your Own

Many to 1

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Issue 3
What device?

What device?

Keyboard   ~~Keyboard~~

What device?

Battery lasts all day

Immediate on

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What device?

School technology | **Consumer technology**

Robust

~~Robust~~

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Issue 4
Who pays?

Who pays?

Allowed to be used in school

'School'

Home

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Who pays?

Allowed to be used in school

Subsidised

Home

'School'

Who pays?

Allowed to be used in school

'School'

Home

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Ownership

Issue 5
Ownership

Ownership matters …

Ownership matters …

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Ownership matters ...

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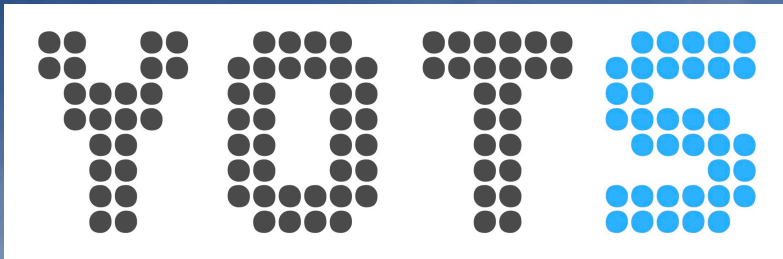**What device?**

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YOTS

www.yots.org.uk

DISCUSSION

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