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#### **Presentation Title**

## Going Paperless with Mobile Devices: Pitfalls & Benefits

Could a digital English language course that harnessed smartphone apps and eTextbook technology succeed in the classroom?



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#### What I Wanted to Know

## Why a Smartphone Classroom?

An eTextbook in your pocket or a textbook in your bag?

Could a digital English language course that harnessed smartphone apps and eTextbook technology succeed in the classroom?



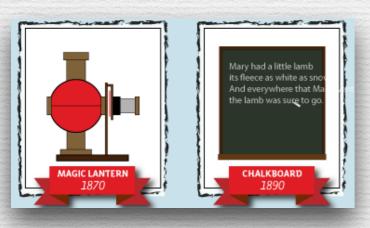


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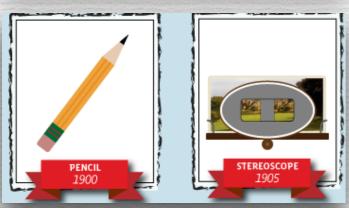
#### It's Always Been Around...

## Our Classroom Technology

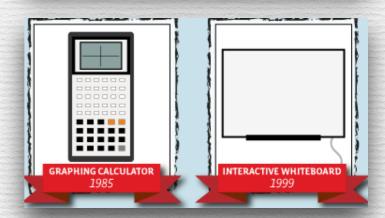


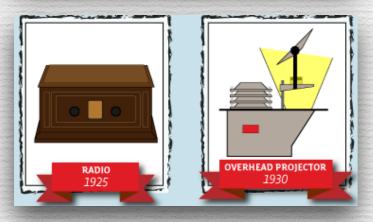
The evolution of technology in the classroom.











Classroom technology has come a long way since the chalkboard and pencil.

Today students can utilise mobile technologies with devices such as smartphones and tablets.





#### Wherever & Whenever

## We are living in a Smartphone World



- 2007: iPhone first introduced.
- 2016: 2.1 billion smartphones.
- 2018: 2.56 billion smartphones.
- So in just 11 years 1/3 of planet own smartphones!



#### The Future is Now

## So, M.A.L.L not C.A.L.L

#### The Benefits to Using Smartphones in the classroom

- 1: Student Ownership Numbers 2011: 31% / 2013: 91% / 2015: 98%\*
- 2: Engaging Students can anonymously answer questions, polls, Tweet questions etc.
- 3: Convenient Study Tool Download apps to study whenever & wherever.
- 4: Ultra Portable Smartphones are lighter than tablets, laptops & desktops.
- 5: Easy to Use Our university students now have only used smartphones.
- 6: Instantaneous Information Mobile Internet at students fingertips.

<sup>\*</sup>Surveys conducted by the presenter at Hiroshima University 2011-2015.



#### Have to include it somewhere...

## Peg...Podagogy!

Digital natives are "no longer the people our educational system was designed to teach."

(Marc Prensky, 2001)



www.youtube.com/watch?v=vvrnG2Gn-pg



## Some Background Details



- Required English Course
- One Semester Course
- First Year Students
- + 1 Semester = 15 weeks.
- Textbook used was specially written by me.
- \* Textbook free to download.
- \* Research was conducted over 2 years.
- + Free WiFi in the classroom.







## Initial Student Reaction...



"Great news! This class has a free textbook!"





"And you will only be using your smartphones! No paper!



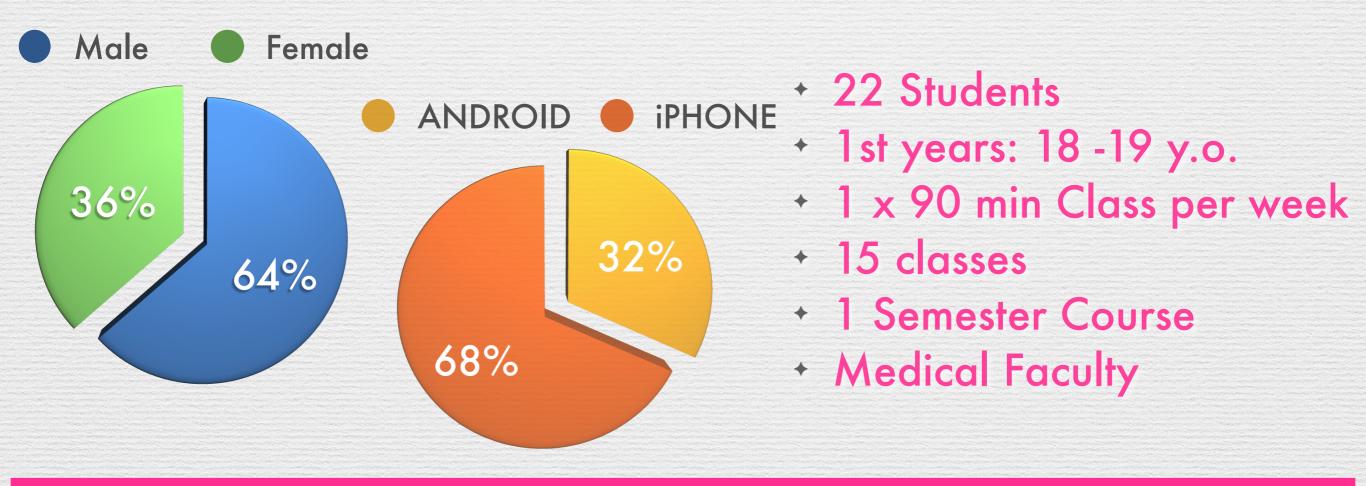
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#### Class A

## 100% Digital Course | 2014

Class One | Conversational English Course | eTextbook + 1 App



Course Aim: To see how successful an eTextbook accompanied by one free smartphone app could work for a general English course.

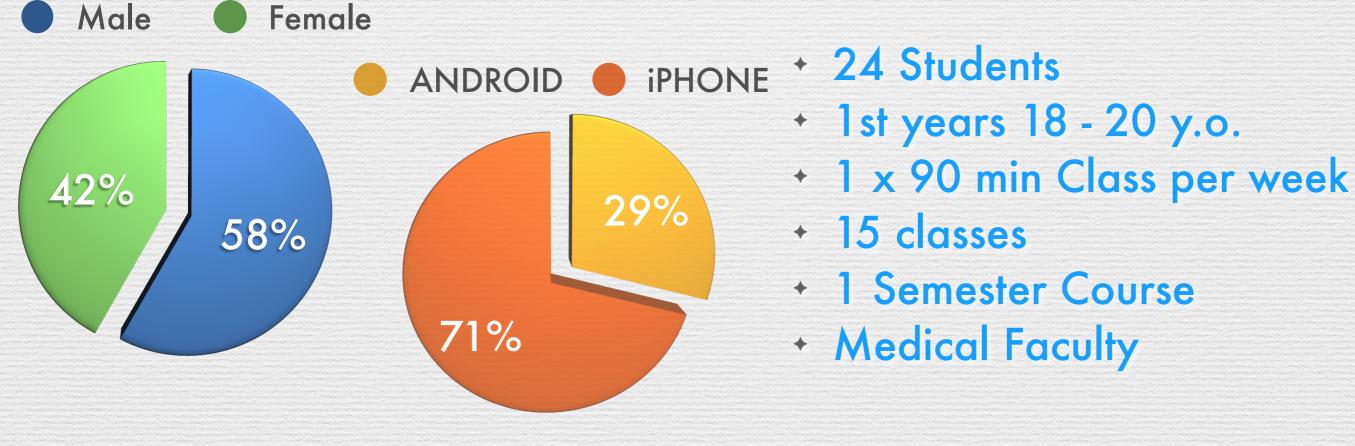
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#### Class B

## 100% Digital Course | 2015

Class One | Conversational English Course | eTextbook + 2 Apps

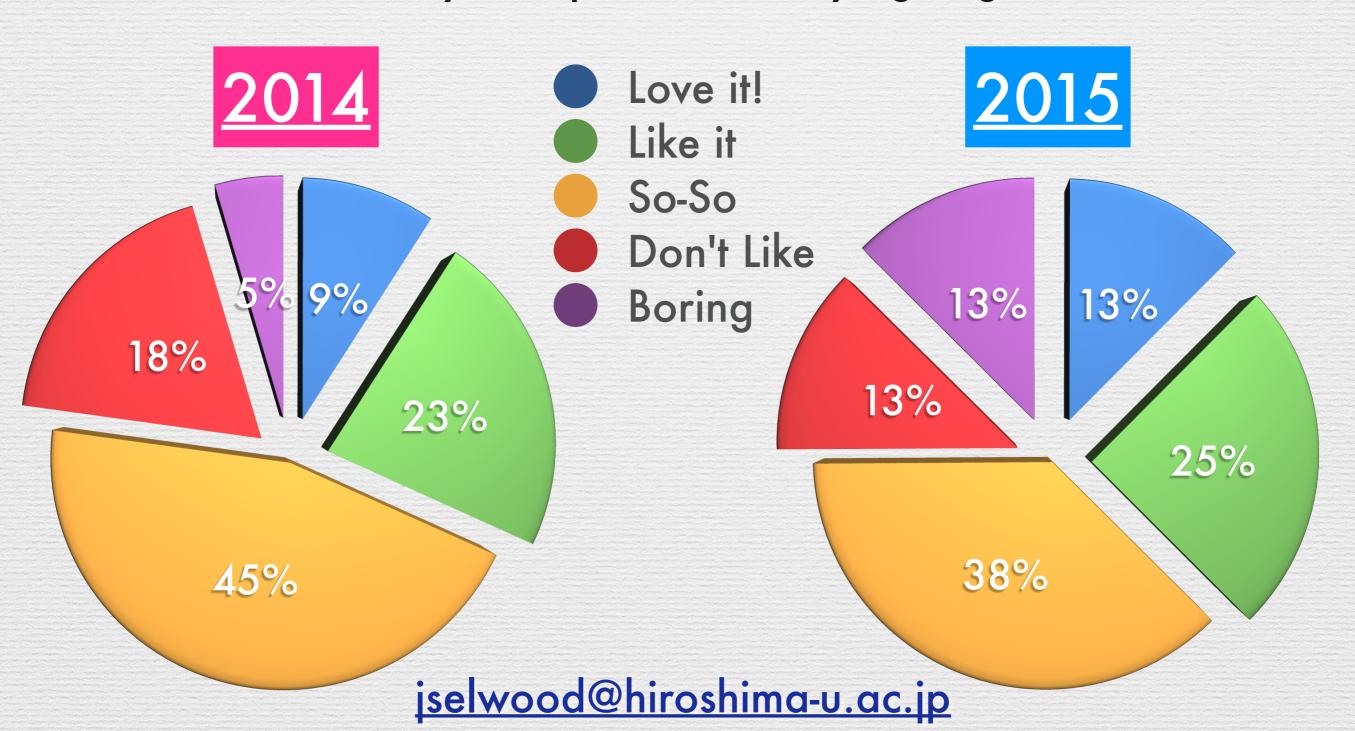


Course Aim: To see how successful an eTextbook accompanied by two free smartphone apps could work for a general English course.



## Pre-Course Details | 1

What is your opinion of studying English?





## Pre-Course Details | 2

What do you usually use your smartphone for?

**Texting** 100% Social Media 87% Telephoning 72% Gaming 53% Videos 47% **Podcasts** 17% Studying 12%

How many Apps do you have? (per average)

39 | 51

How many Paid Apps do you have? (per average)

12 | 11

How many study Apps do you have? (per average)

What do you usually use your smartphone for?

2015

100% Texting 93% Social Media Telephoning 64%

Gaming 61%

48% Videos

19% Podcasts

Studying 13%

24 Students

22 Students

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## The Average\* Digital Lesson Plan

1: Warm - Up Chat: 3 - 8 minutes.

Focus on speaking delivery

2: Review Leaving Video from last class

Video is on class homepage

3: Homework Check - Class Music Decided

4: Students play audio / video in pairs

5: Textbook Activities - on smartphones

6: 3 Students Play audio/video to class.

Feedback via an app

7: Audio/Video homework topic decided.

+ Students placed in groups

8: Students must speak into my iPad before leaving classroom.

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## <u>2014</u>

## Class Overview

- 1: Each week one unit from free eTextbook.
- 2: Most weeks students homework was to record audio exercises.
- 3: Students would upload their audio to their SoudCloud Account.
- 4: 2 other students would be assigned to listen / comment / answer their audio.
- 5: Audio would be from 3-5 mins.

#### Class FeedBack

1: Enjoy the digital course YES: 89% No: 11%

2: SoundCloud Easy: 41% OK: 33% Diff: 23%

3: eTextbook = Easy: 38% OK: 57% Diff: 5%

4: Smartphone or Tablet for S: 57% T: 43%

5: Which do you prefer for English course?

(A) Paper textbook - €15

(B) eTextbook on tablet - €10

(C) eTextbook on smartphone - €5

9%

32%

59%



### Class Overview

- 1: Each week one unit from eTextbook.
- 2: Most weeks students homework was to record audio /video exercises.
- 3: Students would record their audio/video and email to 2 other students.
- 4: The other students would then to listen / comment / answer their audio / video.
- 5: Audio/video would be from 3-5 mins.
- 6: Each week 3 students would play their homework in front of class.
- 7: Students would use app to answer questions / provide feedback score.

#### Class FeedBack

1: Enjoy the digital course YES: 87% No: 13%

2: QuickVoice a Easy: 67% OK: 33% Diff: 0%

3: eTextbook = Easy: 46% OK: 39% Diff: 15%

4: Smartphone or Tablet or S:71% T: 29%

5: Which do you prefer for English course?

(A) Paper textbook - €15

(B) eTextbook on tablet - €10

(C) eTextbook on smartphone - €5

11%

21%

68%





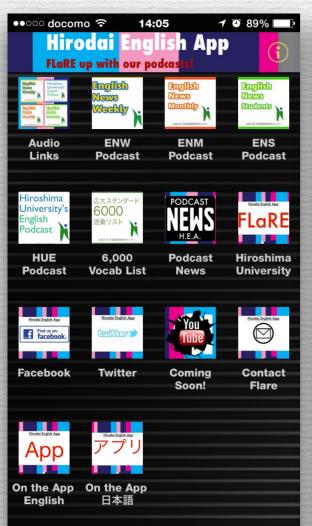
## Screen Shots | 1

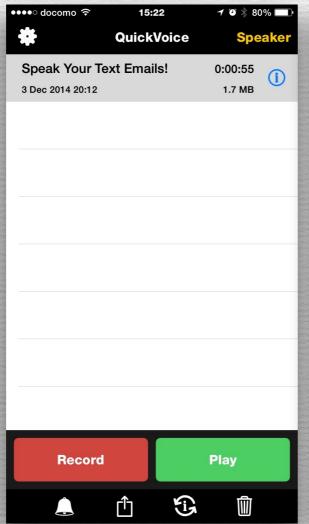


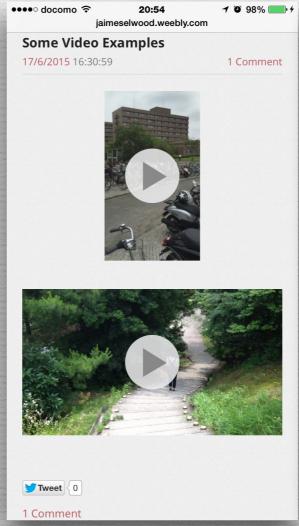


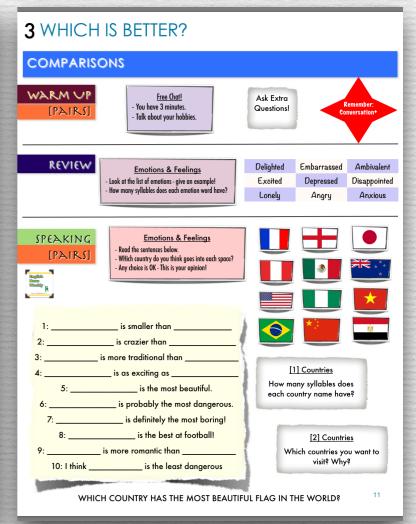






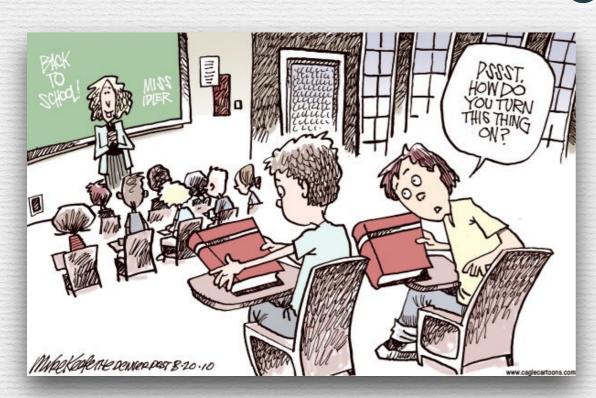








## Critical Digital Course...



- 1: The biggest hurdle is inputting data directly into eTextbook / Smartphone.
- 2: Mobile Apps = 'extra' to a textbook. Usually as audio/visual material.
- 3: Students still feel smartphone is not a classroom tool...more social media.

#### My Subjective View

Students were hesitant at first to embrace the digital nature of the course. The cost issue - the book was available free - was a major plus. Screen size is becoming less of an issue but the likelihood is tablets will be the way forward.

- 1: Student feedback was encouraging.
- 2: Cost & Convenience. Digital is cheaper than paper. eTextbooks can be continually upgraded & downloadable.
- 3: Each year students are more used to smartphone technology. (Dictionary app)

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## Apps Used in the Course

<u>2014</u>

<u>2015</u>

















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http://pod.flare.hiroshima-u.ac.jp/cms/enw.php



http://pod.flare.hiroshima-u.ac.jp/cms/enm.php



http://pod.flare.hiroshima-u.ac.jp/cms/ens.php

To download this presentation please scan the QR Code or go to:

www.jaimeselwood.com/conferences



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