M-Learning in the Classroom: Apps, Smartphones & Podcasts

広島大学 HIROSHIMA UNIVERSITY

Jaime Selwood
Institute for Foreign Language Research & Education
jselwood@hiroshima-u.ac.jp

actc2015
The Asian Conference on Technology in the Classroom

Harnessing digital technology in the classroom through podcasts, mobile-apps and smartphones!

What is a Podcast?

Podcast: an audio broadcast similar to a radio programme, distributed & accessed via an Internet connection. (Selwood)

Hiroshima University Podcasts

English News Weekly
広島大学 外国語教育研究センター

Launched in April 2011 - 194+ episodes
Current-Affairs Themed Topics.
15 mins / Every Friday / Free Audio & PDF
• Pre-Listening Activities
• News Story (3min) Relaxed Speed
• Comprehension Check
• News Story Again Normal Speed
• Post Listening Activities
• Answers

English News Monthly
広島大学 外国語教育研究センター

Launched in February 2015 - 3 episode!
3 x Current-Affairs Themed Topics.
20 mins / Every Month / Free Audio & PDF
• Pre-Listening Activities - Key Words
• News Story 1, 2 & 3
3 x Pre-Listening Statements
News Story - Slow Delivery
5 x Questions
• Post-Listening Comprehension Check

English News Students
広島大学 外国語教育研究センター

Launched in February 2015
Current-Affairs Themed Topics
10 mins / Weekly / Free Audio & PDF
All podcasts written, edited & recorded by students
• Pre-Listening Activity
• The News Story
• Post-Listening Comprehension
• +Vocabulary Activities.
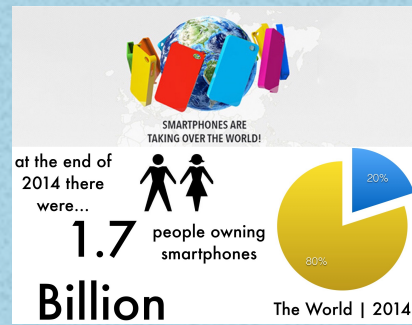
Why Podcasts Work

Pedagogy...Podagogy!

*Harnessing the 'net generation' of 'digital native' students with increased mass ownership of mobile-devices. (Maag, 2009. Preskey, 2001)
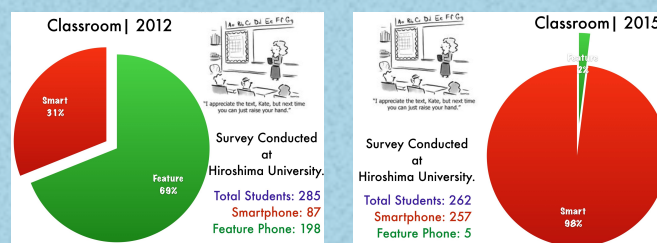
*Podcasts, especially those produced through educational institutions have the power to focus attention and assist language learners to acquire useful language. (Bishop, Amankwatia & Cates, 2008)

*The effectiveness of podcasts is that they can provide authentic materials, (vocabulary, syntax & intonation) whilst at the same time providing students control as to how, when and where they access the materials they listen to. (Selwood, 2012)
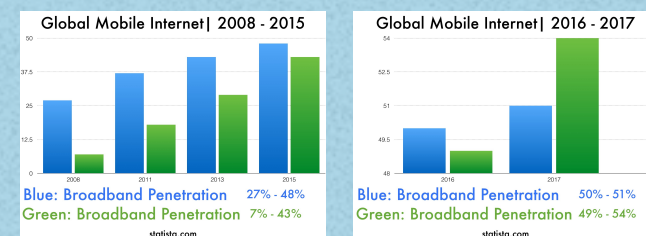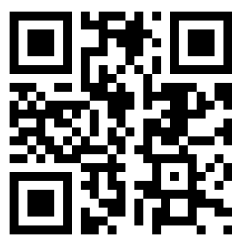
A Smartphone World..?

SMARTPHONES ARE TAKING OVER THE WORLD!

at the end of 2014 there were...
1.7 Billion people owning smartphones

20% / 80%
The World | 2014

A Smartphone Classroom!

Classroom | 2012
Smart 31%
Feature 69%
Survey Conducted at Hiroshima University.
Total Students: 285
Smartphone: 87
Feature Phone: 198

Classroom | 2015
Smart 98%
Survey Conducted at Hiroshima University.
Total Students: 262
Smartphone: 257
Feature Phone: 5

A Mobile Internet World

Global Mobile Internet | 2008 - 2015
Blue: Broadband Penetration   27% - 48%
Green: Broadband Penetration   7% - 43%
statista.com

Global Mobile Internet | 2016 - 2017
Blue: Broadband Penetration   50% - 51%
Green: Broadband Penetration   49% - 54%
statista.com

DOWNLOAD this POSTER!!!

LINK
enwpodcast.blogspot.com

What is an App?

An app defined by the O.E.D is "A self-contained piece of software designed to fulfil a particular purpose; an application (app) downloaded by a user to a mobile-device."

Apps can let your smartphone do almost anything from finding Indian recipes, toy helicopter controls or even study English! (Selwood,
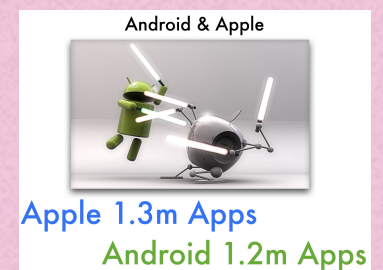
Hirodai English App

Hirodai English App
hea

Download the free app and have access to all the audio and PDF files from our podcasts! Just scan the QR Code!

How Many Apps..?

Apple's iTunes & Android's Google Play stores dominate the smartphone app market, but who has more apps..?

Android & Apple
Apple 1.3m Apps
Android 1.2m Apps

A Podcast Course

Course Aim
For students to create their own English podcasts to be uploaded (audio & PDF) to the **Hirodai English App**.
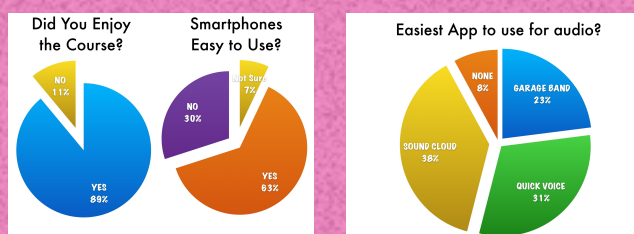
32x2nd Year Students | Weekly Class
Smartphones used to record audio before being uploaded via apps so classmates could listen and respond.

The Course
Students worked individually & in groups.
A. 4 podcasts recorded during course.
B. 2 podcasts recorded & uploaded.
C. Students wrote, edited & recorded.
D. Uploaded to **Hirodai English App.**

Student Feedback

Did You Enjoy the Course?
NO 11%
YES 89%

Smartphones Easy to Use?
NO 30%
YES 63%

Easiest App to use for audio?
NONE 8%
GARAGE BAND 23%
SOUND CLOUD 38%
QUICK VOICE 31%

All the apps were **FREE** to download & available on both Apple & Android.

Recommended Apps / Links

COMO

Como   **Quick Voice**   **Garage Band**

Sound Cloud   Soorvey   Weebly
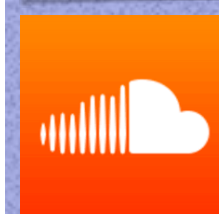
Sound Cloud   **Soorvey**   **Weebly**

References
http://www.emarketer.com/Article/Smartphone-Users-Worldwide-Will-Total-175-Billion-2014/1010536
http://www.statista.com/statistics/280430/worldwide-fixed-broadband-and-mobile-internet-penetration/
Bishop, M.J. Amankwatia, T.B. and Cates, W.M. (2008). Sound's use in instructional software: A theory to practice content analysis. Educational Technology Research & Development, 56, 467-486.
Maag, M., 2006. iPod, uPod? An emerging mobile learning tool in nursing education and students' satisfaction. In: Proceedings of the 23rd Annual Ascilite Conference. Who's Learning: Whose Technology?
Selwood, J (2012) M-Learning at a Japanese University: Limitations and Opportunities. Hiroshima Studies in Language and Language Education. 15. 175-185