K-12 Classroom Orchestration

Lighton Phiri

HPI Research School in ICT4D
Department of Computer Science
University of Cape Town

April 14, 2014
Problem context - EFA by 2015

1http://efareport.wordpress.com
Problem context - MDG Goal #2

THE MILLENNIUM DEVELOPMENT GOALS (MDGs) ARE THE MOST SUCCESSFUL GLOBAL ANTI-POVERTY PUSH IN HISTORY. LET'S STEP UP ACTION TO THE 2015 MDG TARGET DATE AND BEYOND.

MDG2
ACHIEVE UNIVERSAL PRIMARY EDUCATION

ENROLMENT IN PRIMARY EDUCATION IN DEVELOPING REGIONS

HAS REACHED 90%

57 MILLION REMAIN OUT OF SCHOOL

LET'S STEP UP

www.un.org/millenniumgoals/education.shtm
Inspiration

Gauteng School adopts e-textbooks as teaching and ...
www.education.gov.za/.../Default.aspx  ▾  Department of Basic Education  ▾
It is most befitting that is in the month that South Africa celebrates it's Human ... provided at
the school, the tablets enable us to access all e-learning material from ...

Free tablets, wi-fi for Gauteng schools - SouthAfrica.info
www.southafrica.info/services/education/elearning-160813.htm  ▾
Aug 16, 2013 - Gauteng's 2 200 public schools will have access to uncapped wi-fi and 3G
connectivity and 88 000 Huawei tablets will be distributed to ...

SA company in world first in mobile education | ITWeb
www.itweb.co.za  ▶ Content Capture and Management  ▾
Nov 13, 2013 - A South African company has launched a game-changing tablet that ...
"It's a first in mobile education," says joint FMT CEO, Graham Davies.

Tablets for schools: all the details | TechCentral
www.techcentral.co.za/tablets-for-schools-all-the.../42880/  ▾
by Craig Wilson - in 317 Google+ circles
Aug 16, 2013 - That's when the schools will be provided with 88 000 tablet ...
given a second chance of the same type of project....you gotta love South Africa!
Research direction

- Educational technology
- Innovative tools to increase educator productivity
- Related work places emphasis on learners