Impending Impact of OERs
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Open Education
Siyavula's Status
Tertiary-sector Developments
Opportunities
Open Education
Contexts abound ...

http://www.flickr.com/photos/khym54/600539107/
All are challenging ...
Collaboration

Sharing is fundamental to teaching
Effective Sharing

Open everything ...

open processes – iterative, transparent and collaborative

open copyright licences – freedom to distribute, adapt and enhance

open standards – formats that enable the freedoms

opensource software – freedom to distribute, adapt and enhance
The Cape Town Open Education Declaration

The Cape Town Open Education Declaration arises from a small but lively meeting convened in Cape Town in September 2007. The aim of this meeting was to accelerate efforts to promote open resources, technology and teaching practices in education.

Convened by the Open Society Institute and the Shuttleworth Foundation, the meeting gathered participants with many points of view from many nations. This group discussed ways to broaden and deepen their open education efforts by working together.

The first concrete outcome of this meeting is the Cape Town Open Education Declaration. It is at once a statement of principle, a statement of strategy and a statement of commitment. It is meant to spark dialogue, to inspire action and to help the open education movement grow.

Open education is a living idea. As the movement grows, this idea will continue to evolve. There will be other visions, initiatives and declarations beyond Cape Town. This is exactly the point. The Cape Town signatories have committed to developing further strategies, especially around open technology and teaching practices.

The Declaration has already been signed by hundreds of learners, educators, trainers, authors, schools, colleges, universities, publishers, unions, professional societies, policymakers, governments, foundations and other kindred open education initiatives around the world. We encourage you to join us.

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Siyavula's Status
Open resources...

Setting science education free in South Africa! Our grade 10-12 science and maths textbooks are written by volunteers who want to support education and they are openly licensed and royalty-free.

Our books
Volunteers
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- Dept. of Basic Education:
  - Print 2.5 million Siyavula textbooks
  - Distribute nationally to all learners taking:
    - Mathematics Gr. 10-12
    - Physical Science Gr. 10-12

- Siyavula:
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  - Retains all rights
  - Titles make up:
    - Everything Maths
    - Everything Science
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  - Presentations

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- Experts on call to answer questions
Rich experience

- Read anywhere
- Watch videos / simulations / presentations
- Ask questions
- Practise and get diagnostic reports
Interactive Science Simulations

Fun, interactive, research-based simulations of physical phenomena from the PhET project at the University of Colorado.

Play with sims...
We find new planets by looking at how the brightness of a star changes over time.

Type of star: Dwarf
Apparent visual magnitude: 14.2
Temperature: 5614 (K)
Radius: 0.8x Sol
Planet Hunters

Using public data from NASA’s Kepler mission, we are looking for planets around other stars.

JOIN IN

The Milky Way Project

The Milky Way Project aims to sort and measure our galaxy, the Milky Way. Initially we’re asking you to help us find and draw bubbles in beautiful infrared data from the Spitzer Space Telescope.

JOIN IN

Live Projects

- planethunters.org
- THE MILKY WAY PROJECT
- MOON ZOO
- GALAXY ZOO HUBBLE
- oldWeather
- SOLAR STORMWATCH
- GALAXY ZOO UNDERSTANDING COSMIC MERGERS
- GALAXY ZOO THE HUNT FOR SUPERNOVAE
- Mobile penetration high
- Bandwidth costs to drop
- Cellphones are personal
- Youth use them for content consumption
Expansion possibilities

- Pricing increase
- Organisational purchases
- New services and titles
- Additional English markets:
  - Nigeria
    158 million / mobile pen. 54%+
  - Kenya
    40.5 million / mobile pen. 58%+
  - Ghana
    24.4 million / mobile pen. 69%+
  - Tanzania
    44.8 million / mobile pen. 50%+
Tertiary-sector Developments
Selected Resources

- 98 textbooks
- 3000+ videos
- 115 simulations
- 2000 courses
6.002x (Circuits and Electronics) is an experimental on-line adaptation of MIT’s first undergraduate analog design course: 6.002. This course will run, free of charge, for students worldwide from March 5, 2012 through June 8, 2012.
Alternative Accreditation

Open Badges

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If you have badges you've been awarded, you can upload them manually
Choose file
Upload

Groups
School of Webcraft

DYN iRemix

Embed
Embed
Exciting Opportunities
Write the book ...
We find new planets by looking at how the brightness of a star changes over time.

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Connect, Don't Lecture