KEEP on Internationalization:

How Technology Facilitates the Globalization of Future Education

Irwin King

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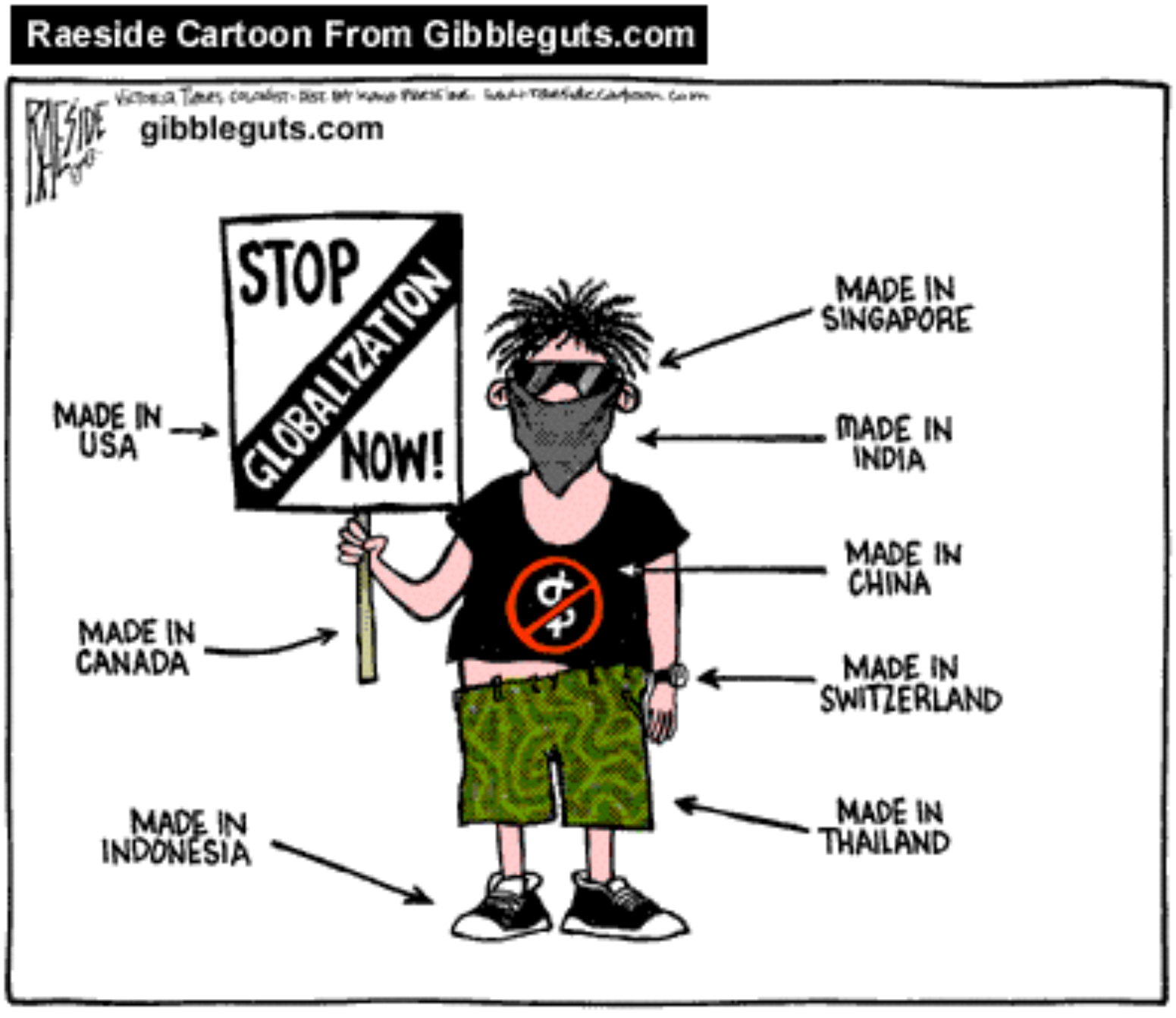
Department of Computer Science and Engineering
The Chinese University of Hong Kong

World is Complicated!



http://www.vigorproject.net/spring2012/author/sdury001/

Glocalization

Globalization

the process that focuses on the **worldwide flow** of ideas, resources, people, economy, values, culture, knowledge, goods, services, and technology

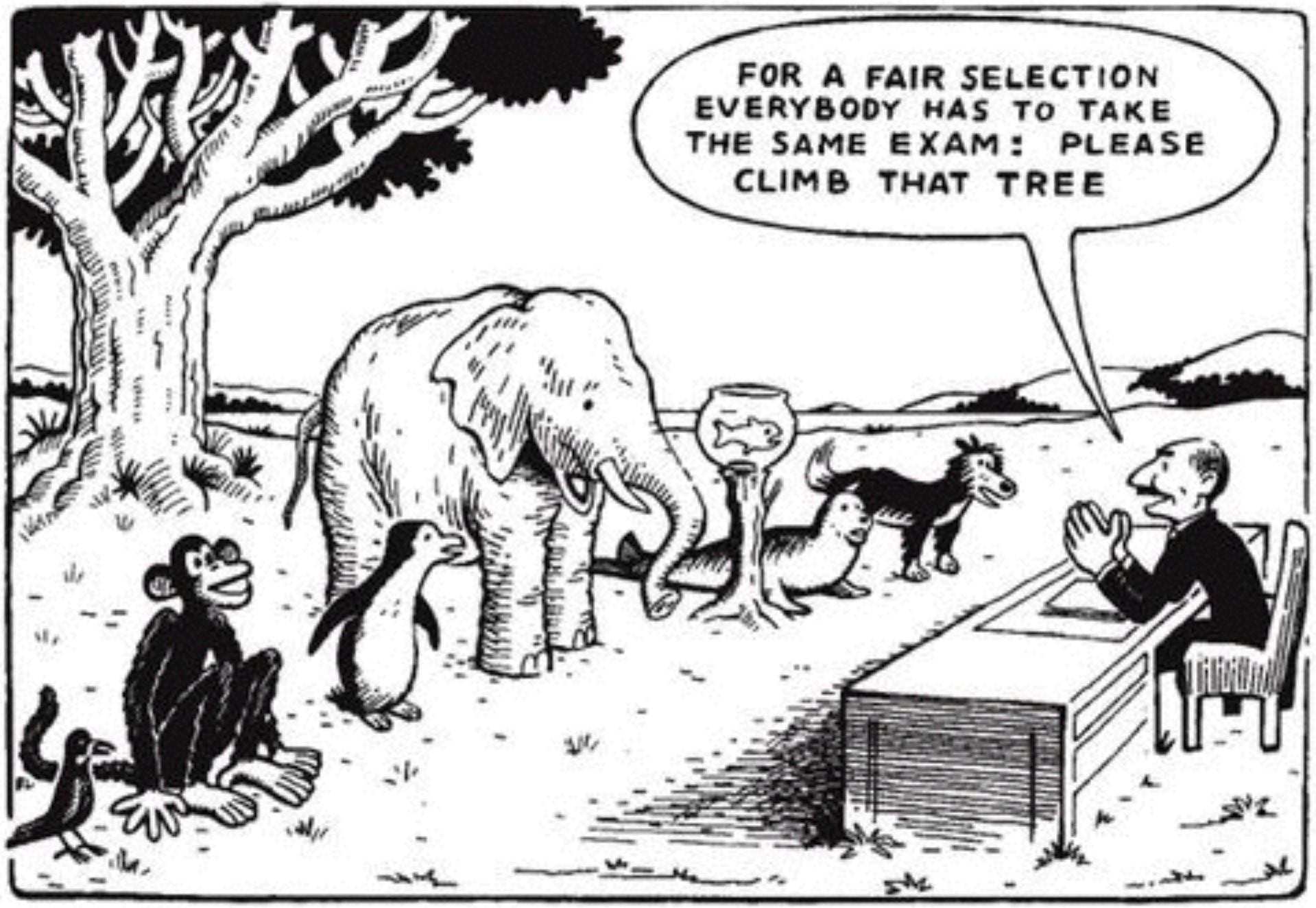
Localization

refers to the **adaptation** of a product, application or document content to meet the language, cultural and other requirements of a specific target market

Internationalization

the process of integrating an international, intercultural and global dimension into the goals, teaching/learning, research and service functions of a university or higher education system

Cultural Differences



http://cte-blog.uwaterloo.ca/?p=5041

How Technology Levels the Education Field

Access

Interactions

Mobility

Bringing the World into the Classroom: ACE Award to Recognize the Innovative Use of Technology to Promote Internationalization

AMERICAN COUNCIL ON EDUCATION
The Unifying Voice for Higher Education

SUNY COIL Center

Center for Collaborative Online International Learning

Home | About | Courses | COIL Network | Conference | LAA | ACE/COIL Award | Institute

SEARCH

Entire site ▾

Faculty Guide for COIL Course Development

Our current v1.5 guide includes info on collaborative online international learning, gathering institutional support, locating and negotiating course content with your partner professor.

Please email coilinfo@suny.edu to get a free copy of the guide.

COIL Institute Case Studies

Click **here** to view the summary or complete report for the largest case study of COIL courses.

COIL Activities

2016 COIL Conference by admin Posted: 18 Nov 2015 - 21:13

Invitation & CFP for 10th Anniversary COIL Conference

COILing Across a Decade: Reflections and New Directions

When? April 25 - 26, 2016	**Where?** CUNY Graduate Center, 365 5th Ave., NYC
CFP Deadline? February 1, 2016	**Questions?** Please email **COILConference@suny.edu**

For more info please visit our Conference page

Register at http://www.cvent.com/d/gfqk06

The SUNY COIL Center's annual conference is the leading international event in the field and brings together a unique group of 300+ professors, international programs staff, instructional technologists, and administrators from the State University of New York (SUNY), as well as over 75 colleges and universities across the country and the world to explore and promote innovation in collaborative online international learning. The COIL Conference is the leading higher education focused annual conference in this vital area of international teaching and learning.

http://coil.suny.edu/home

Prospective Students
Current Students
Alumni
Faculty & Staff
Companies
Media
↳ Press Releases
↳ Feature Stories
↳ Social Media Directory
↳ Mentions
↳ Building Scott Hall
↳ News Submission
Parents & Visitors
Global Education

FEATURE STORIES

- Current Feature Stories
- 2014 Archive
- 2013 Archive
- 2012 Archive

CEE COURSE GIVES STUDENTS A TASTE OF INTERNATIONAL COLLABORATION

Civil and Environmental Engineering Professor Burcu Akinci knows a thing or two about the challenges of international collaboration. Akinci earned BS and MBA degrees in her native Turkey before moving to the United States to earn her MS and Ph.D. at Stanford University, and in the process she took part in projects spanning multiple cultures and languages. Now, she's sharing her knowledge with CEE students via *International Collaborative Construction Management*, a project-based course in which students form joint construction ventures with students from universities in Israel, Brazil and Turkey and tackle the challenges of operating internationally.

https://engineering.cmu.edu/media/feature/2013/05_08_cee_course_international_collaboration.html

The Mixxer

Language Exchange for Everyone

Home | Lessons | FAQ | Blog | My Account

User login

Log in/Register

Language Interface

- 简体中文
- English
- Français
- Deutsch
- 日本語
- فارسی
- Português
- Русский
- Español

Users Online

.Osama.
Native Language: Arabic, English
Language Sought: Japanese

james2014
Native Language: English
Language Sought: Chinese-Mandarin

Sâdrï Läïéonè

The Mixxer - a free educational website for language exchanges via Skype

Like 8,426 people like this. Be the first of your friends.

Tweet

The Mixxer is a free educational site for language learners hosted by Dickinson College. The Mixxer is designed to connect language learners around the world so that everyone is both student and teacher.

Find a language partner	Talk to them via Skype	Practice writing and receive corrections and feedback.

http://www.language-exchanges.org

Cultura

Search

Log in

Home | About | Educator's Guide | Educator's Forum | Past Exchanges | Publications | News

Welcome to Cultura

Cultura is an intercultural project that connects groups of students online to help them understand each other's culture. A Cultura exchange is typically based in a language class and involves two partner teachers and two groups of students from two different cultures.

For educators

In the guide you will find resources for teachers, including ideas and materials to support both online and classroom learning.

If you are interested in starting your own Cultura exchange, we have created a free, open source tool that will enable you to host your own exchange.

For researchers

The Cultura project has been running since 1997. Our archives are a rich source of linguistic and cultural data and include exchanges in English, French, Russian, Spanish, and German, among others. To see what students have shared with each other over the years, we invite you to explore past exchanges.

Learning from experience

If you are already using Cultura in your classroom, we invite you to share your experiences with the community.

http://cultura.mit.edu

Current Solutions

Current State of Internationalization with MOOC

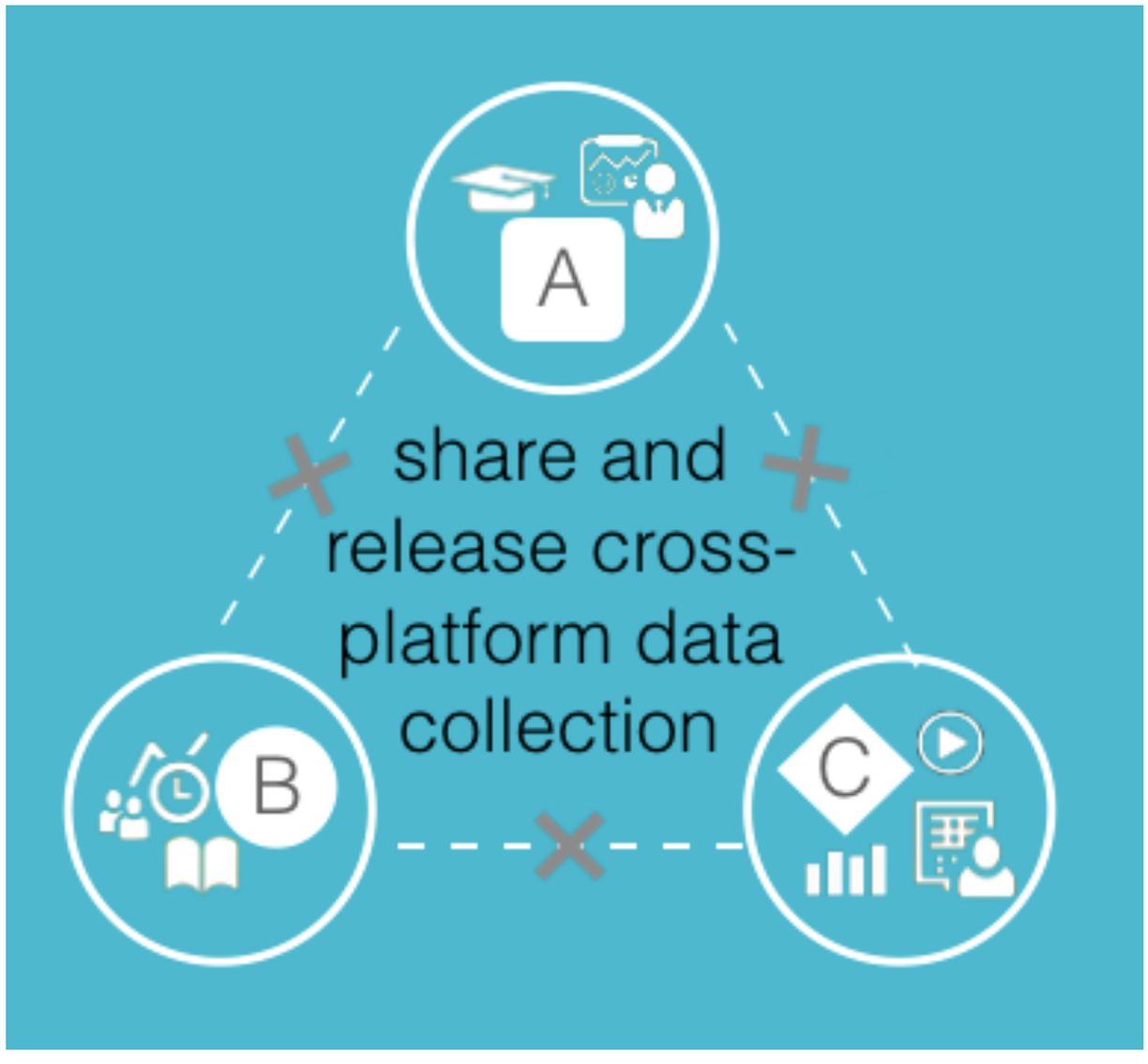
Currently, a MOOC **can**…

share content through **online video**

facilitate in-course **discussion**

reach **many students** across cultures

Currently, a MOOC **can't**…



so we have a **limited and fragmented** understanding of learning behaviors in MOOCs

Currently, a MOOC **can't**…

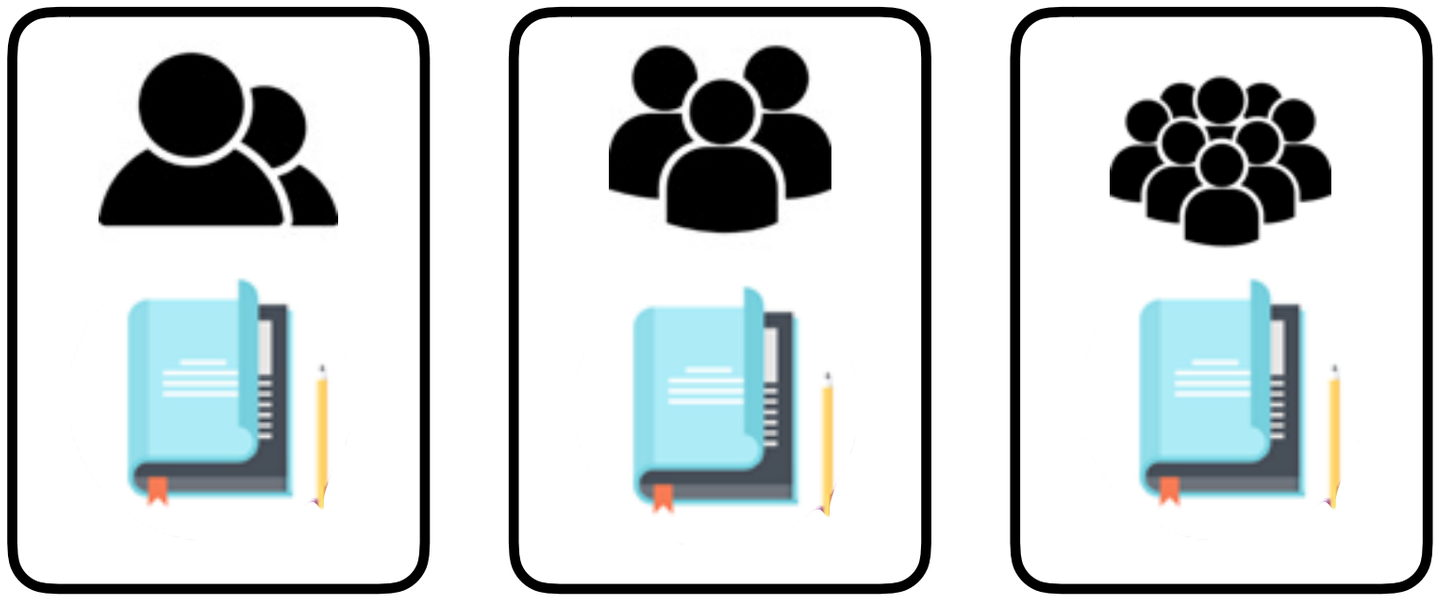
vs

integrate gamification and question banks

so we are stuck in **unengaging and traditional** forms of learning

Currently, a MOOC **can't**…

create community between courses / across platforms for students and educators

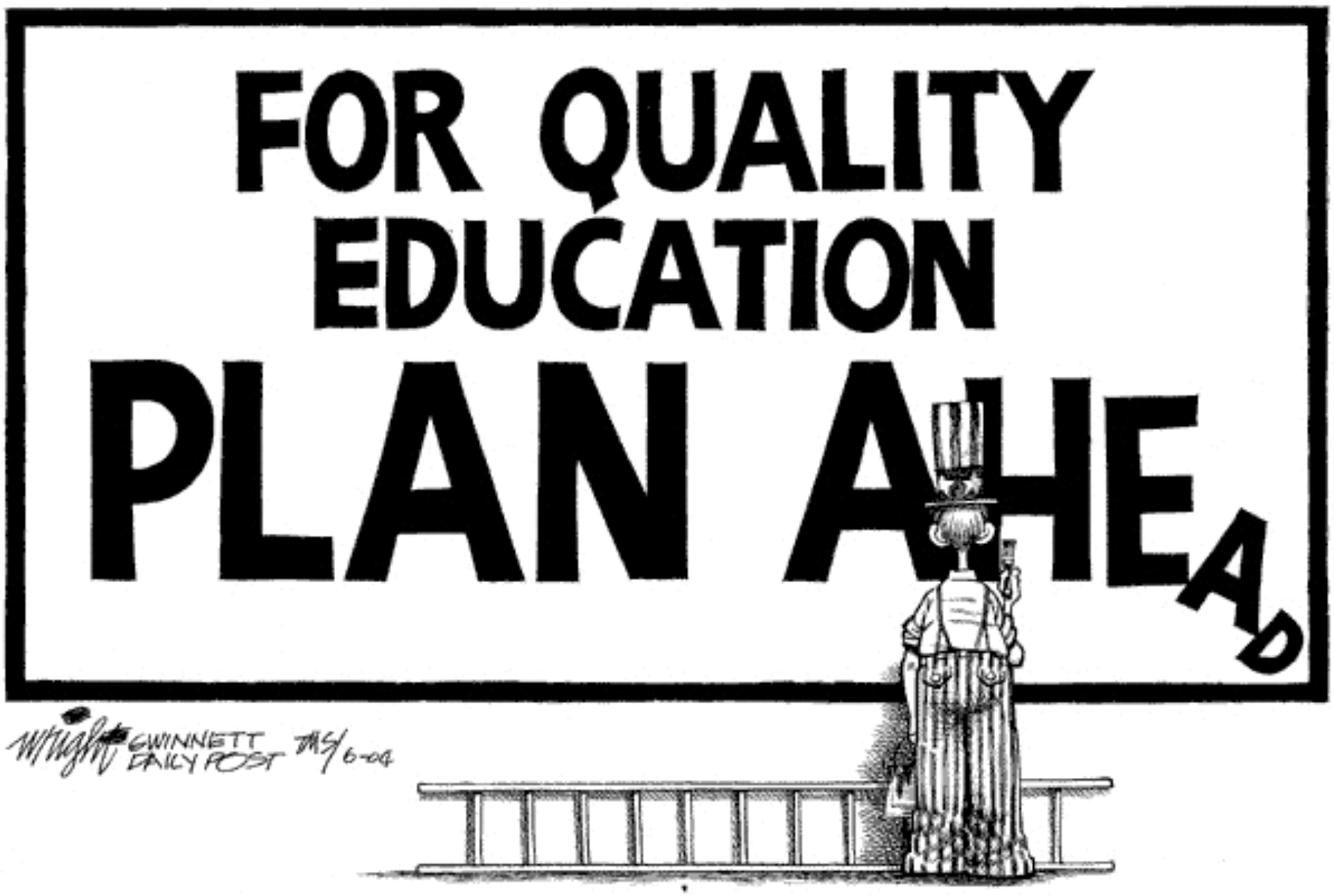


so our learning communities are **isolated and unsustainable**

Currently, a MOOC **can't**…

encourage micro-modules and generate learning specifically for mobile platforms

so courses are **long and not catered** toward learners on mobile-only devices



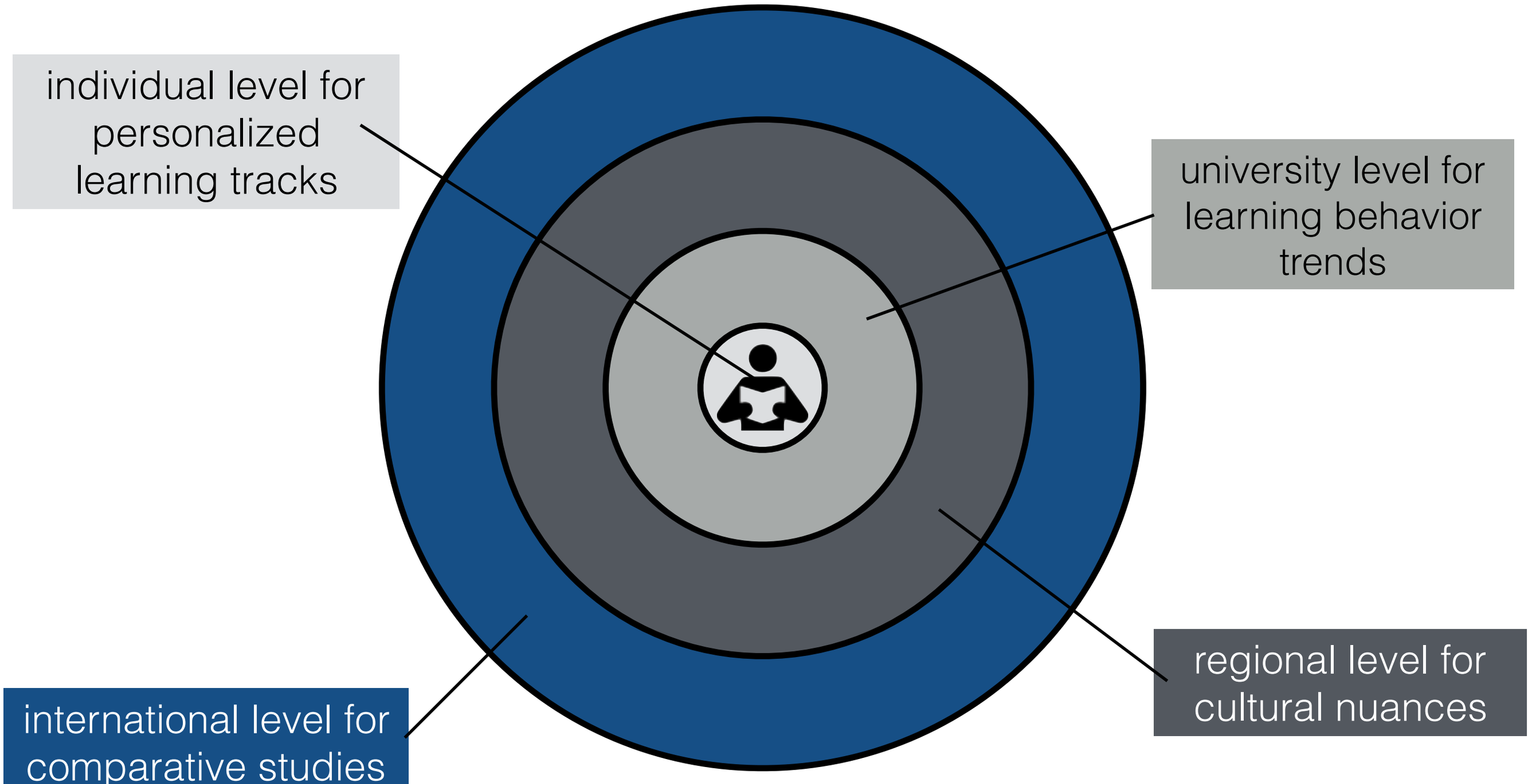
http://rulestoliveyourlifeby.blogspot.hk/2010_08_01_archive.html

Future State of Internationalization with the next generation MOOC and eLearning Platform

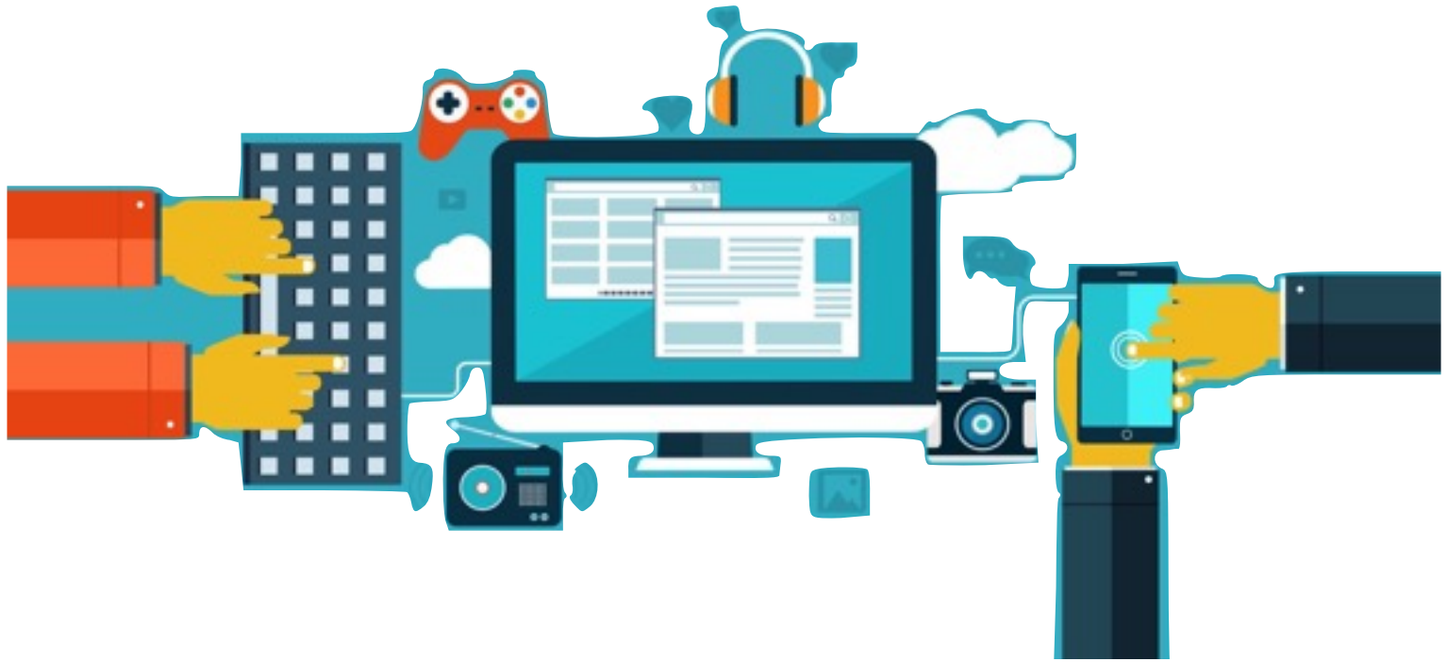
Learning **Analytics**

Utilize global analytics and big data to understand cultural nuances and use text-mining / translation capabilities to overcome language barriers

Data sets from a central location analysed at multiple levels:



Integrated **Gamification**

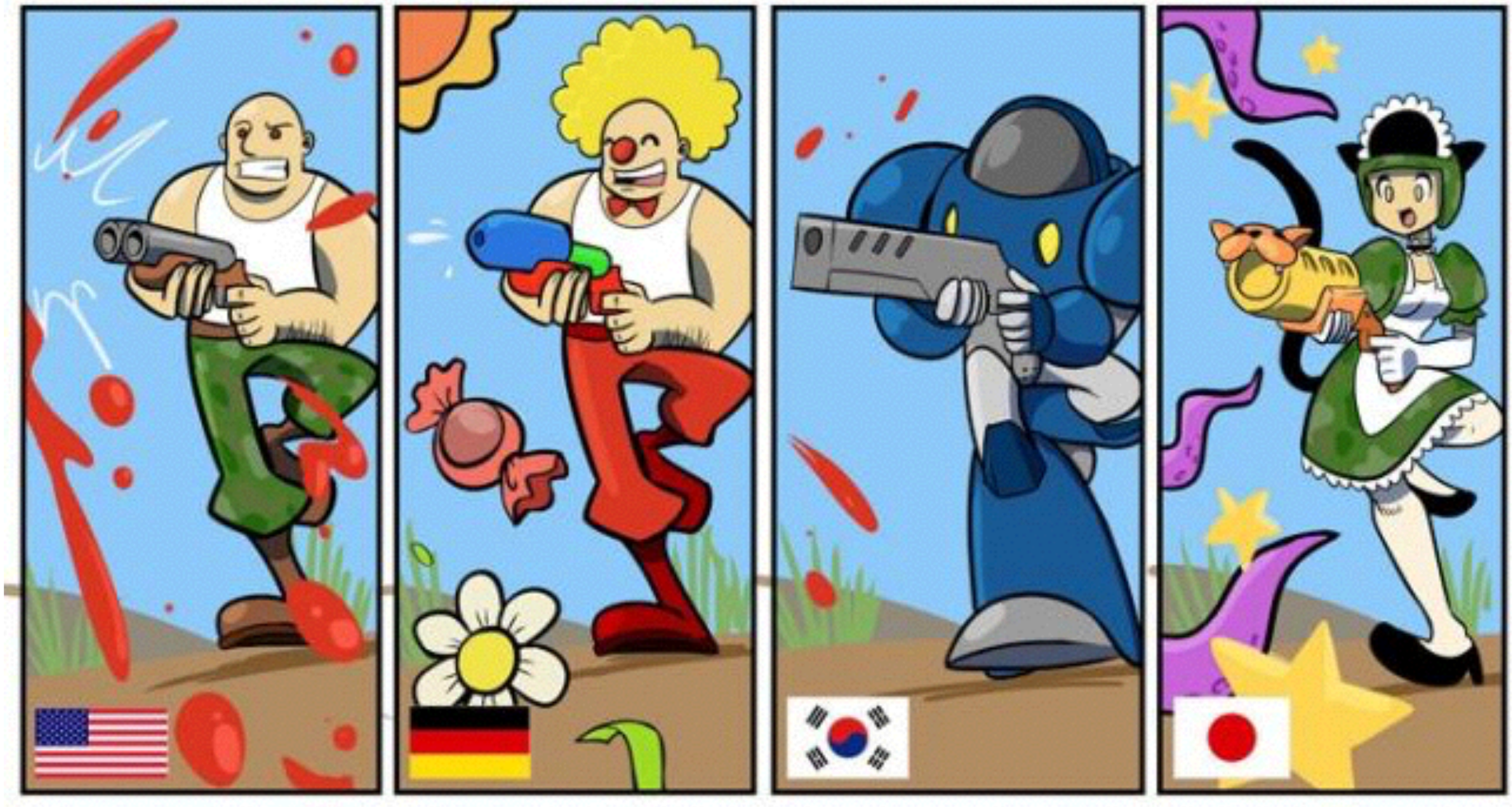


Integrating into MOOCs culturally-sensitive learning games to motivate students from any background and language

NERFNOW.COM

LOCALIZATION

SOMETIMES, SLIGHT CHANGES ARE MADE IN A GAME TO MAKE SURE IT WILL BE PROPERLY RECEIVED BY DIFFERENT CULTURES.



http://www.gamasutra.com/blogs/MichelleZhao/20140618/219411/Game_Art_Internationalization_and_Localization__An_quotEast_Meet_Westquot_Interview_by_LAI.php

CALCULUS WORLD CUP

PaGamO

Global **Community**

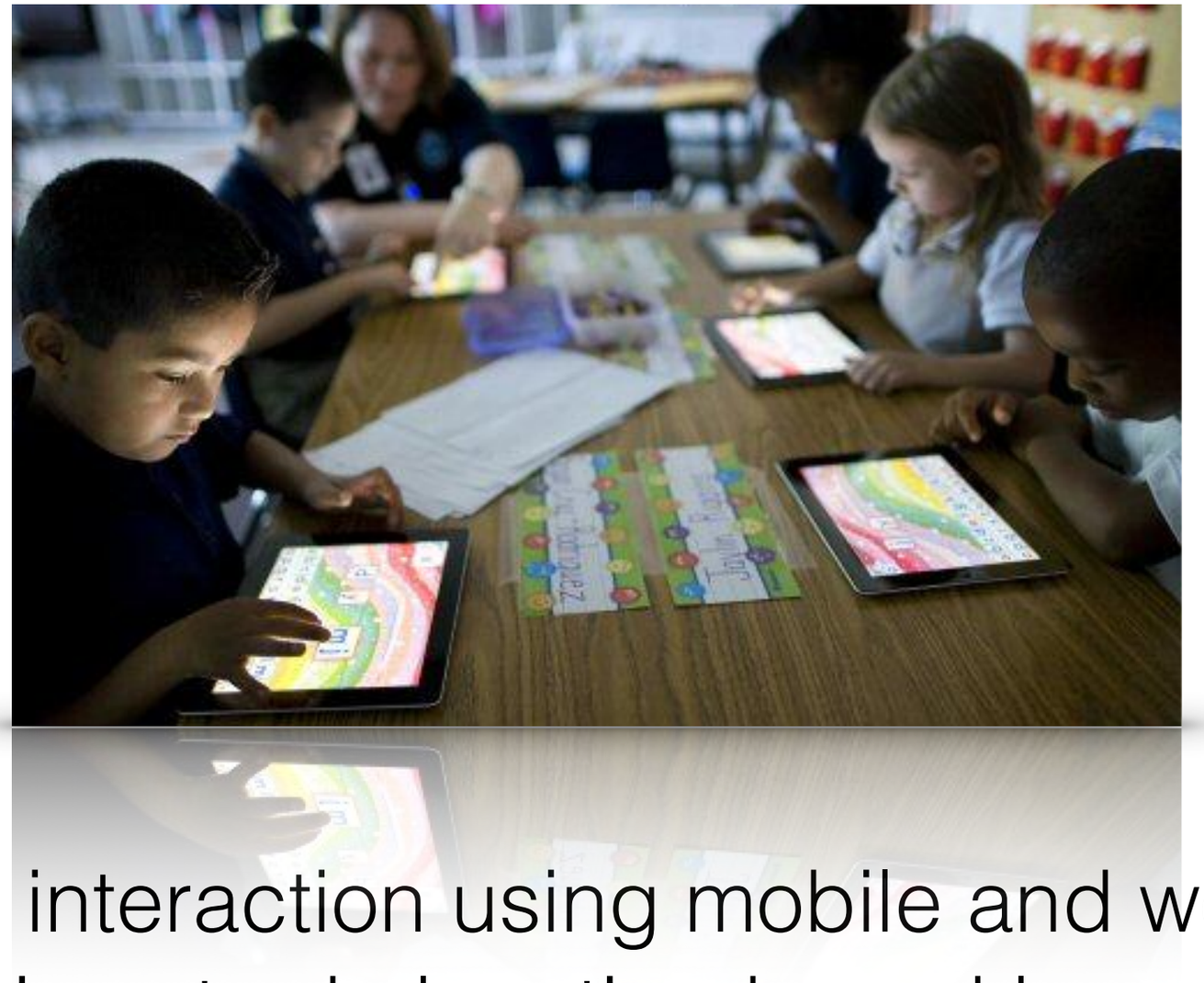
Providing international social communities where educators and learners can share the best global learning pedagogies

Facebook meets Amazon:

catalog of tools and reviews
share and recommend courses
distribute learning materials
learning paths across cultures

Mobile Learning

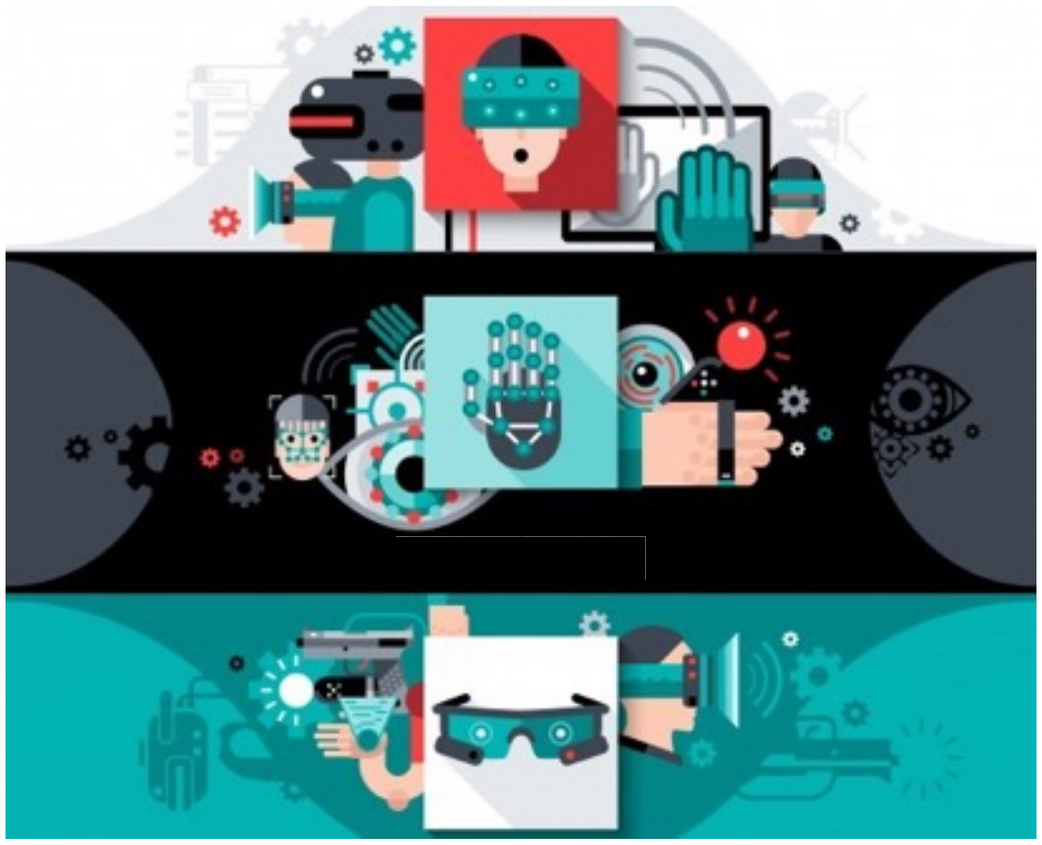
Deep mobile integration making learning more accessible to those in the world who use mobile devices more than laptops and desktop computers



In-class interaction using mobile and wearable devices to do location-based learning

Micro-modules to develop “competencies” instead of having full “courses”

Real-time Learning



Utilizing advanced video conferencing and virtual reality to collaborate internationally

Real-time Learning

Bringing real time collaboration on projects to MOOC

Utilizing VR headsets and visual simulated environments to do collaborative learning

KEEP

Knowledge and Education Exchange Platform

OUR VISION:

To empower educators and learners with impactful resources and innovative technologies for lifelong education

OUR MISSION:

We enable access to educational resources, data, analytics, courseware, and tools through a one-stop platform that facilitates the future of learning to a global community

KEEP

Existing Functions

KEEPSearch

Enter a keyword, one click will open the door to the amazing world of academia.

KEEPCatalog

We recommend to you the most popular and useful products for teaching and learning.

KEEPCourse

Provide the best courses online from top universities and institutions.

KEEPoll

A real-time web and mobile classroom-polling service with instant survey results.

KEEPAttendance

Take attendance data for a large or small class by simply scanning a QR code!

Future Focus

ANALYTICS

Collecting data from various platforms (LMS, MOOC, interactive tools, catalogs, etc) and other partner platforms (i.e HKMOOC/VisMOOC) to display analytics at different levels (individual, organizational, regional, global) and provide recommendations of cross-culture courses

GAMING

Partnering with PaGamO

Developing a platform for question banks that are culturally sensitive

SOCIAL

Creating KEEProfile to share recommendations and learning paths, create comments and reviews for MOOC courses

Forming groups and developing algorithms to form diverse groups for case studies

MOBILE

Partnering with startups like edore to encourage creation and distribution of micro-modules

Developing mobile apps on iOS, Android, and watch platforms

KEEP in Touch

We would love to hear from you

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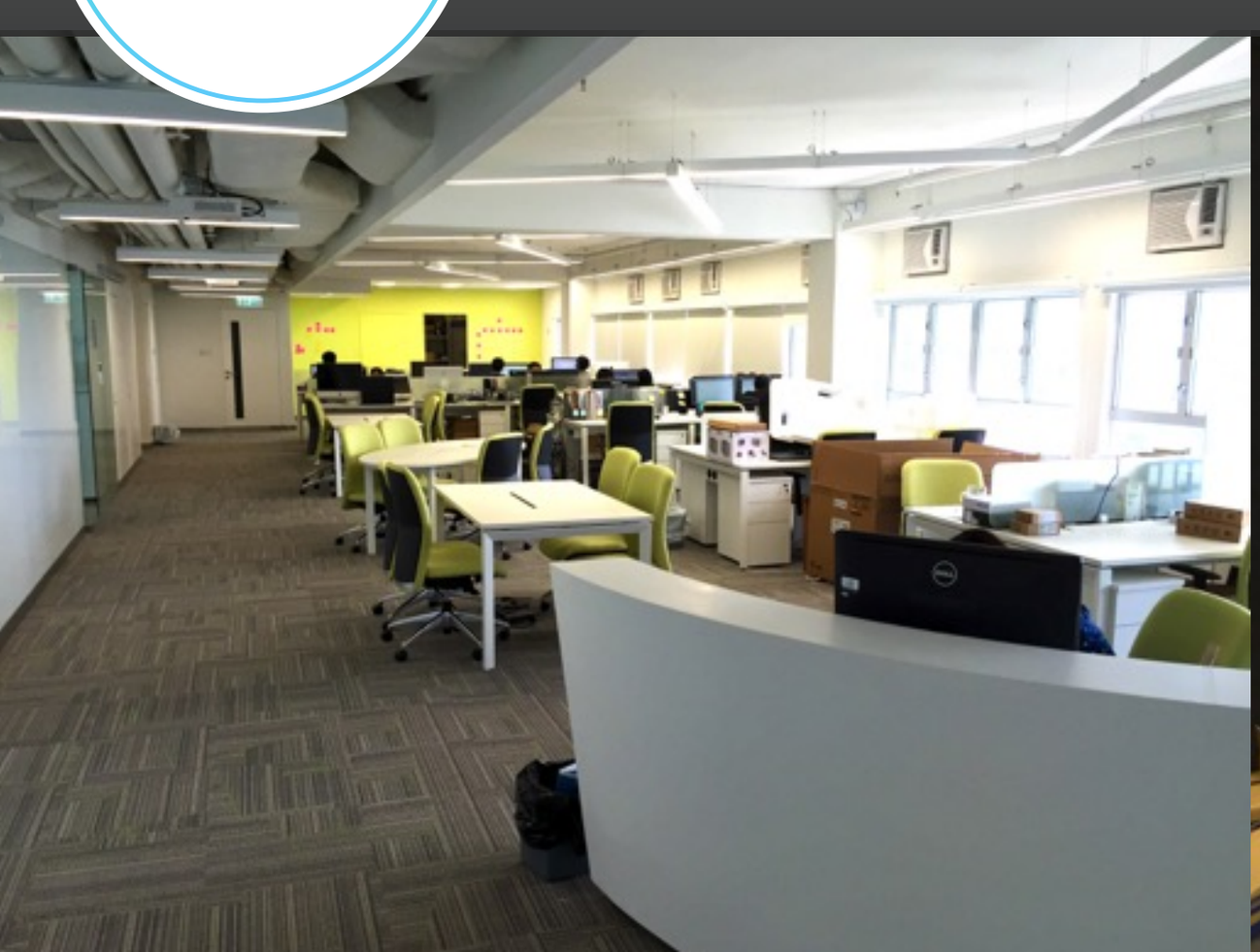

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QUESTIONS

KEEP Learning for Life

https://keep.edu.hk

THANK YOU!

KEEP

Learning for Life

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