New approach for e-Learning using web 2.0 tools

OER perspective

Airina Volungeviciene Vytautas Magnus University, Kaunas, Lithuania

Contents

- to overview basic concepts and principles (let's go for a systemic view!)
- to describe current state of advancement of OER (created using web 2.0 tools)
- to identify factors which prevent a wider introduction of OER into educational practices

OER definition (agreed by Unesco)

Open educational resources (OER) – teaching, learning and research resources that reside in the public domain or have been released under an intellectual property license that permits their free use or re-purposing by others. Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials or techniques used to support access to knowledge (Atkins, Brown, Hammond, 2007)



Web 2.0 tools

- The term **Web 2.0** is associated with web applications that facilitate
 - participatory <u>information sharing</u>, <u>interoperability</u>, <u>user-centered</u> <u>design</u> and
 - collaboration on the internet
- A Web 2.0 site allows users to interact and collaborate with each other in a <u>social media</u> dialogue as creators of <u>user-generated</u> <u>content</u> in a <u>virtual community</u>, in contrast to websites where users are limited to the passive viewing of <u>content</u>that was created for them

Examples of Web 2.0 include

<u>social networking sites blogs</u>, <u>wikis</u>, <u>video sharing sites</u>, <u>hosted services</u>, <u>web applications</u>, <u>mashups</u> and <u>folksonomies</u>



To sum it up

- OER can be created, used and re-used, as well as repurposed using web 2.0 tools
- Both OER and web 2.0 tools are learning resources
- ... now about e-learning...

Target = OER.

Tool = web 2.0 or other.

We need both of them for learning purposes.



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How do we learn?

- The main learning and teaching organization methods can be categories
- D.Leclercq and M.Poumay (University of Liege) categorised L/T OM into the following categories:
 - 1. Imitating modeling
 - 2. Receiving transferring
 - 3. Practicing guiding
 - 4. Exploring guiding on resources
 - 5. Creating motivating
 - 6. Experimenting proving possibilities to experiment
 - 7. Discussing moderating
 - 8. Reflecting co-reflecting

There is just learning. And then we choose the tools for learning. There is no e-learning phenomenon, as we learn, we do not "e-learn".

We can say that learning maybe enhanced by technology (ICT and web 2.0 tools) and by OER.





Maastricht Message

From the M-2009 World Conference (23rd ICDE World Conference and the 2009 EADTU Annual Conference)

Innovations present challenges that must be resolved to achieve the goal of education for all. These challenges are:

- 1. Technical infrastructure
- 2. Open Education Resources (OER)
- 3. Quality Assurance
- 4. Virtual mobility
- 5. Private and public responsibility

1. Technical infrastructure

- ICT for enhancing the quality of open, flexible and distance learning
- Video, VLE infrastructure

• Web 2.0 tools

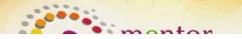


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2. OER

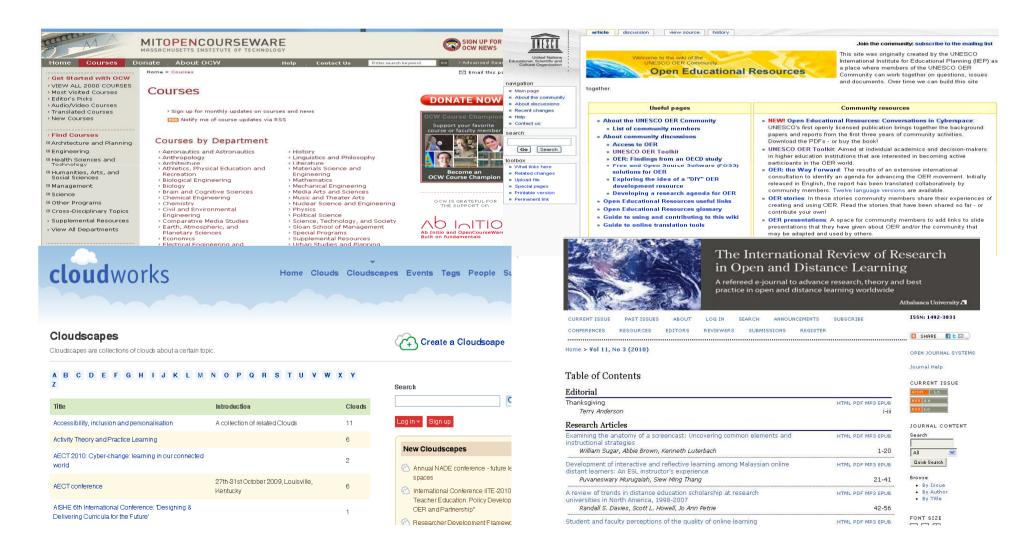
- Open educational resources (OER) have been promoted by UNESCO since 2002
- Academics, education administrators and professionals benefit from the use of OER
 - in their practices
 - building online communities for OER cooperative development
 - re-use of OER and integration into lifelong learning (LLL) process, while addressing the needs of adult learners in both formal and non-formal process of education.
- Differences mainly occur in how far institutions use information communication technologies (ICT) in learning and teaching practices and which solutions they choose



There are huge OER repositores all over the world

United Nations
Educational, Scientific and
Cultural Organization

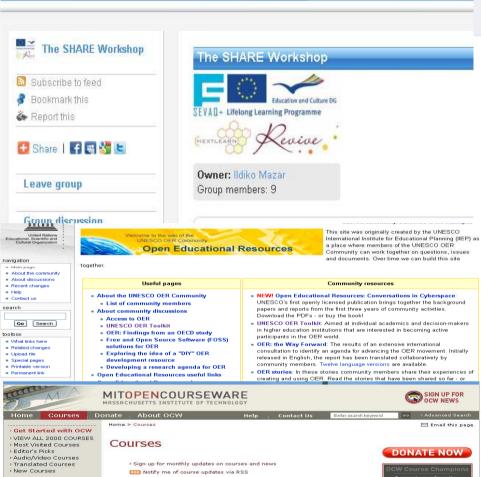
 The importance of open access to these repositories is stressed major policy documents



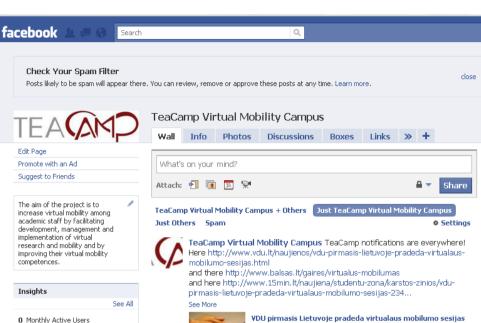


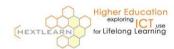
Network of Academics and Professionals

NAP Members Area



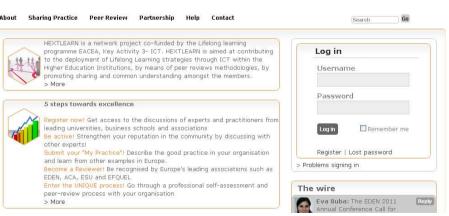
n Daily New Likes Daily Book Views







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- > Biology
- > Blology > Brain and Cognitive Sciences > Chemical Engineering
- > Chemistry > Civil and Environmental
- Engineering Comparative Media Studies
- Earth, Atmospheric, and Planetary Sciences
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 Electrical Engineering and

- Computer Science
 > Engineering Systems Division

- > Linguistics and Philosophy

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 Materials Science and
 Engineering
 Mathematics
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 Music and Theater Arts
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OER successful initiatives in Lithuania



Challenges for OER development

- How to facilitate designing of OER?
- How to ensure cultural, appropriate, qualitative and effective use of OER?
- How to ensure creation, growth and renewal of intellectual capital?
- How to capture OER to ensure their preservation and use?
- How can they be made sustainable?



Steps are suggested (by the experienced)

- International researcher groups and institutional managers claim that there are "three imperatives for finding effective new ways to expand access to quality education opportunities [...]:
 - more citizens with high level skills
 - using technology enhanced learning
 - to reach more learners in a more cost-effective manner, and extend education to many more people, in a model appropriate to the twenty-first century" (Gourly, 2004, cited by D'Antoni, 2009, p.19)
- They agree on the fact that infrastructure development is simply too costly, takes too much time, and is not feasible in the 21st century

Most promising trends and prospects for development



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HE PROJECT

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ERVICES AND TOOLS

- Service Library
- Tool Library
- Standards

Welcome to OpenScout

About OpenScout

OpenScout stands for "Skill based scouting of open user-generated and community-improved content for management education and training". OpenScout is a project co-funded by the European Commission within the <u>eContentplus Programme</u> as a <u>Targeted Project in the area of Educational Content</u> (Grant ECP 2008 EDU 428016). OpenScout started in September 2009 and has a duration of three years.

OpenScout aims at providing an education service in the internet that enables users to easily find, access, use and exchange open content for management education and training.

The management education market is largely diversified, training topics range from general management and leadership to very specific issues like managing risks in banking industry. Despite the resulting growing need for management education and content the potential of already existing **open** learning materials is hardly exploited,

LATEST NEWS

EC-TEL 2010 - Call for

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Workshops

EC-TEL 2010 - Call for

Papers

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OpenScout @ 18th

LEARNTEC, 2-4 February

<u>2010</u>

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Deans and Directors

<u>Meeting</u>

CFP: Mash-Up Personal

Learning Environments

PROJECT CALENDAR

3. Quality Assurance

- concerns about quality
- demanding internationalization of curriculum
- quality assured and demonstrated in measurable ways to ensure that learners acquire the knowledge they need and to reassure stakeholders of this



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European Foundation for Quality in E-Learning

■ INNOVATION FORUM 2011

Our next annual conference will be on 14-16 September 2011 in Oeiras, Portugal. Interested in becoming a sponsor? Write us.

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Our EFQUEL office in Brussels (Map) is available for you. Please write an email to info@efquel.org or call us directly: +32 26 39 30 32. It's our pleasure to answer your requests.

LOGIN FORM



Welcome to the European Foundation for Quality in E-Learning!

The European Foundation for Quality in eLearning (EFQUEL) is a membership organisation which is based in Brussels, Belgium. It is a network with over 80 member organisations from Europe and beyond such as other networks, universities, corporations and national agencies.



4. Virtual mobility

- To ensure understanding of the wider world
- To transfer qualifications
- To recognize qualifications across the world
- Virtual mobility initiatives can increase access to educational mobility in cost effective ways



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Partners login

bout project

Partnership

WP1. Management

TeaCamp Scenarios

WP2. Analysis

WP3. Development

WP4. Curriculum

WP5. Virtual research

WP6. Quality

WP7. Exploitation

WP8. Dissemination

issemination events issemination results

elp

artners Forum

about project

TEACAMP - TEACHER VIRTUAL CAMPUS: RESEARCH, PRACTICE, APPLY

Project ID: 502102-LLP-1-2009-1-LT-ERASMUS-EVC

Project run: 2009 - 2011

The funding source: Erasmus Multilateral Virtual Campuses

Contractor: Vytautas Magnus University, Lithuania

About the project

The aim of the project is to increase virtual mobility among academic staff by facilitating development, management implementation of virtual research and mobility and by improving their virtual mobility competences.

TeaCamp project contributes to the needs to increase virtual mobility among academic staff by facilitating:

HE institutions to realize necessary steps to be undertaken to ensure full academic virtual exchange and recognacademic virtual processes,

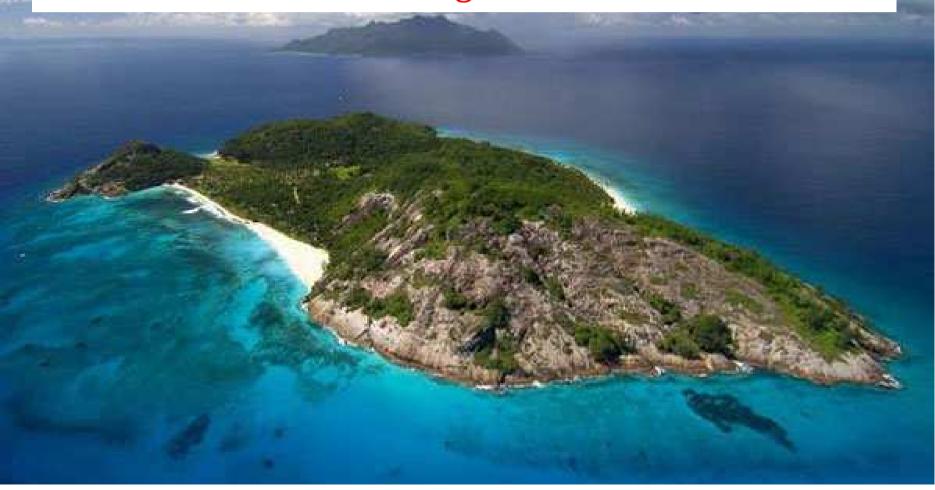
5. Private and public responsibility

- In many countries over 90% of learning is through private not for profit and/or for profit agencies
- What is the appropriate mix of public and private responsibilities for learning?
- What are effective business models?
- How can national capacity be developed to ensure service to the public?



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Moving towards the ocean of web 2.0 tools and online learning communities



http://webdesignledger.com/

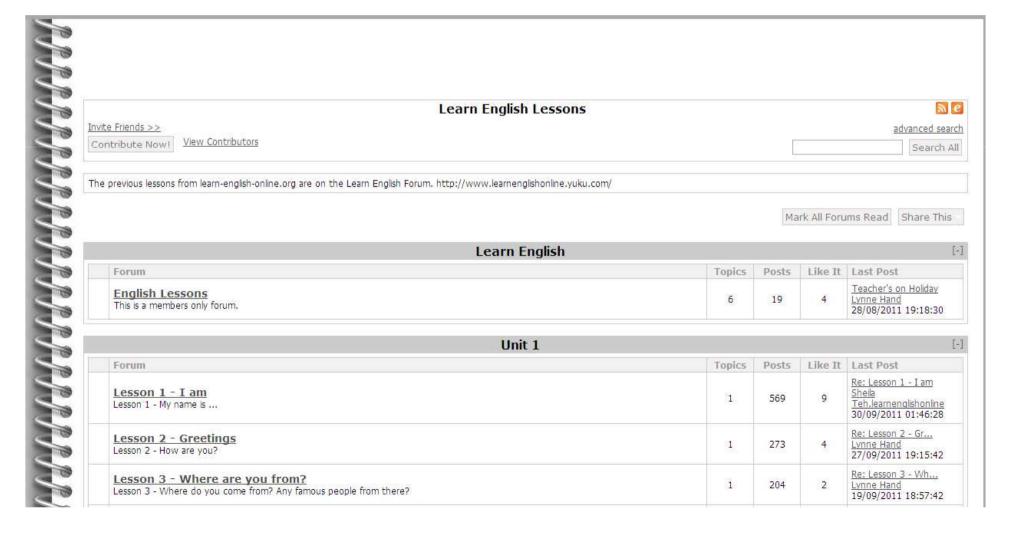




http://www.smashingmagazine.com



http://learnenglish.yuku.com/



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http://www.technologijos.lt





Mokslo ir technologijų pasaulis

Sąžiningai nugalėti stiprėsnį už save - neįmanoma. Jeigu esi nugalėtojas, vadinasi nugalėjai silpnesnį. Stipresniu tampama besiruošiant dvikovai, o ne ją laimėjus.

/ vtiiTo (Vilius Čiuželis)

ĮDOMUS FAKTAS

Dešrainių valgymo varžybos

Per visą Nathan Coney (NY) salos dešrainių valgymo varžybų istoriją tik keturiems žmonėms yra trūkę skrandžiai.

>> Daugiau faktų

AKCIJOS, IVYKIAI

Konferencijadiskusija "Dujos – ekologiškas kuras" (0)

TAI IDOMU



Genų inžinerija. Antra dalis: ar mutantai išnaikintų žiurkes bei invazines rūšis?

(0) 2011-09-30

Pirmojoje straipsnio dalyje pasakojome apie netradicinį kovos su kenkėjais būdą, kuomet nenaudojant jokių chemikalų mažinama nepageidaujamų rūšių populiacija. Tam gali būti pritaikomas patinėlių sterilizacijos būdas arba modifikuotų genų užprogramuota palikuoniu mirtis. >> skaityti







- Filmavimas FULL HD raiška
- AF 18-55mm objektyvas



NAUJIENOS IR STRAIPSNIAI



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http://www.forwebdesigners.co

	CSS		fonts
Bad Ass Ideas	70 Expert Ideas For Better	FlashVault tutorials	9800 Free Fonts
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PhotoshopCandy	100 css tools	Amazing Flash Components	Urban Fonts
Dustin Diaz	10 CSS tricks you may not	gotoAndLearn()	Best Free Fonts
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Teachers and tutors



Teachers' homepage A guide to resources by topic and grammar



Phrase of the day

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Spanish

German

Italian



- C'est une salade
- ▶ Show Translation

More French phrases

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Subscribe to these feeds to receive a new phrase every day in French,

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It's no smoke! A fowl Russian phrase left one of you lost for words

Learn Italian at your own pace... but watch your back!

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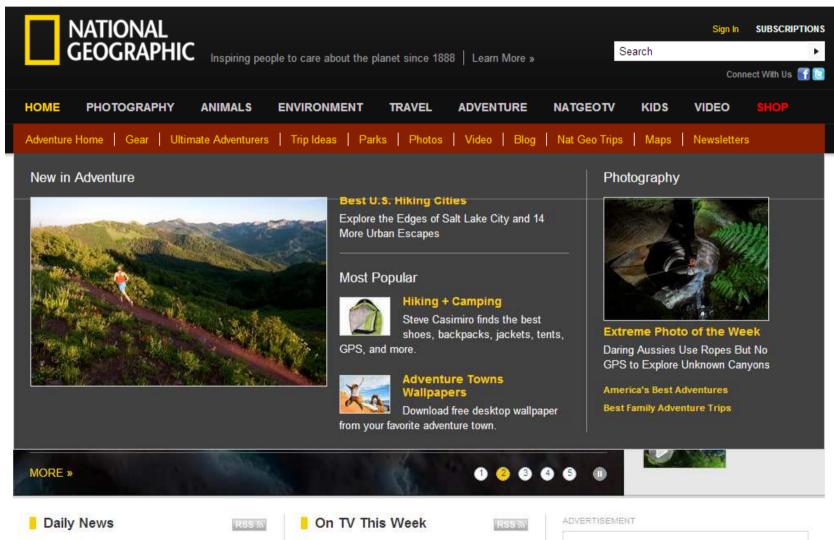
- Don't try this abroad! Ever felt flustered in France? Watch this and other funny tales
- More of your tips and stories

Food

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www.nationalgeographic.com



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Street View: Explore the world at street level

Google Maps with Street View lets you explore places around the world through 360-degree street-level imagery. You can check out restaurants, visit neighborhoods, or plan your next trip.

Try Google Maps with Street View

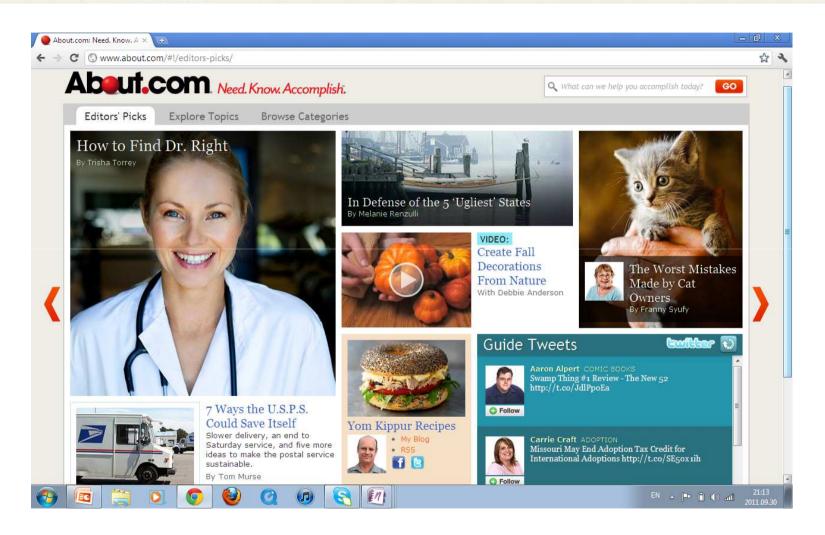
Explore the Colosseum and other wondrous Italian landmarks using Street View »



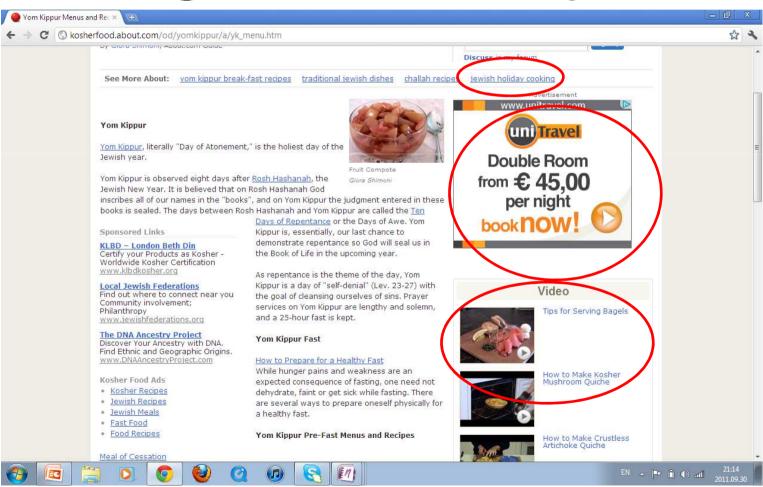


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Cooking – read, see, buy, discuss





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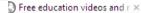
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Read, write, web





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ASSESSMENT

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A series to help you improve your knowledge of using ICT in the classroom (previously part of the enhanced video experience.)

There are 9 videos in this series.



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No Subtitles



Animation

Find out about the benefits of using animation in secondary classrooms, along with useful tips and resources, in this pedagogical ICT resource for those less confident with technology. No Subtitles



Visualisers

Discover the benefits of using a visualiser with primary pupils, along with useful tips and resources in this pedagogical ICT resource for those less confident with technology. No Subtitles



Voting Technology

Tips and resources for using voting technology in the classroom at both KS2 and KS3, as teachers share advice on how it can enhance teaching and learning, in this ICT resource for those less confident with technology.

No Subtitles



Video in the Classroom

See a Year 8 teacher overcoming her fear of using video in the classroom by gaining ICT tips from a fellow teacher.

No Subtitles



Improving Your Presentations

Gain practical advice on using ICT to improve presentation skills in the classroom. This video

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com/VDU.moksleiviams





Write something...

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ends (203)

Ieva Laurinaité

Sandra Bartusevičiūtė

Laura Giniûtê

Milušauskaitė

Justas Kamarauskas Share: Post Photo Link Video

Donaira Tamulynaite was tagged in Vilius Kvedaras's album.

AR Elvinas Bernata

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PILI Moksleivių VISU Akademija Civitas



Kauno Miesto Mokinių Taryba

(KMMT)





Mielieji, ar žinojote?

Renkantis tarp daugybės variantų visuomet tenka kažko atsisakyti... Tik ne Vytauto Didžiojo universitete! Įstoję čia Jūs galėsite rinktis ir gretutines studijas, kurių metu galėsite studijuoti kitą norimą specialybę ir visiškai nemokamai. Su VDU svajonju link! :)

Daugiau informacijos: http://www.vdu.lt/studijos/gretutines-studijos.html







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Editors' picks



How to. . . listen to the dawn chorus

Video (5min 25sec): As the RSPB warns that birdsong is under threat from possible cuts to wildlife-friendly farming in tomorrow's EU budget, **Pascal Wyse** joins a guided dawn chorus walk in Gloucestershire



Fogo, Canada: the world's wildest arts scene?

A dramatic community project is transforming a windswept island of fishermen off the Newfoundland coast into a cutting edge artists' haven

Passengers warned not to fly on Thursday because of strikes

UK Border Agency tells airlines to expect delays as immigration officers take industrial action

Travel companies under OFT microscope over surcharges

Office of Fair Trading threatens travel companies with enforcement action if they don't change 'misleading' debit and credit card surcharging practices



Ask Tom: Live Q&A

Lonely Planet's Tom Hall will be online tomorrow from 1-2pm answering your travel queries. To post a question, click on comments

1 comment

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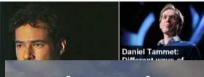
JD Schramm: Break



Shea Hembrey: How I became 100 artists

Daniel Kraft:

Medicine's futur



Kernius Kuolys

Kelionės | Mokslas | Verslas ir politika | Technologijos | O jeigu? |

14 (Portugalijos) dienų. Sidabrinis mėnulis (IV)

Pirmoji diena Lisabonoje netruko prabėgti. Sužinojau, jog Portugalijos sostinė turi ilgiausia tilta Europoje. pavadinta garsiojo portugalo Vasco da Gama vardu (kuris išplaukes iš Lisabonos atrado vandens kelia i Indiją) ir besitęsiantį daugiau nei 17 kilometrų. Senamiesčio gatvelės atrodė po truputi puošiamos didelei šventei, bet tuomet dar nenutuokiau, kas ir kada manęs laukia, - tik turėjau viltį, jog spėsiu tai pamatyti prieš patraukdamas i pietus.

14 (Portugalijos) dienų. Atgal į gamtą (III)

"Nežinau, kaip tu, bet aš paskutines kelias savaites einu linksmintis kiekviena vakara ir šis nebus išimtis. Jei norėsi – galėsi prisijungti", – taip prasidėjo mano pažintis su pusmeti pagal mainų programą Porte studijuojančia Rasa. Pirmą valandą dienos mums susitikus prie metro stotelės ji, atrodė, buvo vos prieš akimirką iššokusi iš lovos, o stipriai užkimęs, bet užtikrintai skambantis balsas neleido man suabejoti ką tik išgirstais žodžiais

Ketvirtadienis, Gegužė 5, 2011

Dveji tinklaraščio metaj – arba nuo 0 iki 1000

Gegužės pirmaja suėjo dveji metai nuo pirmojo įrašo šiame tinklaraštyje. Puiki proga antriesiems blogerio metams apžvelgti.

Tranzavimas po Europa arba 5000 kilometry autostopu

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Produktyvumas: kaip nešvaistyti laiko

Ka daryti, kad Lietuvai būtų geriau

Kaip vyksta studijos Škotijos

daryti, kad tu ji visuomet turėtum

Kaip išmokti anglų kalbos – arba

Galbūt vieni geresniu

Pabėgimas arba vienas Ispanijoje Roma. Kitoks gyvenimas

14 (Portugalijos) dienų. Kur likimas

Dviračiais per Lietuvą: Vilnius - Nida InterRail - traukiniais po Europa (EuroTrip)



DICARI : Perusahaan Hand Phone (apapun merknya) yang mampu menuliskan simbol-simbol
like this matematika ke editor SMSnya. Seperti : Pecahan, Pangkat (super script), Integral, dan Tanda
Akar. Empat itu aia dulu deh!



Factors which facilitate and prevent barriers for the use of OER

- OER development and use culture should be conscious and supported initiative on the national and institutional level
- Poor use of ICT, web 2.0 tools and OER will prevent educators from developing ICT skills
- OER practices should be promoted and used:
 - Promotional strategy should be developed
 - Work out QA methodology
 - Prepare legal documents for regulation of intellectual property rights
 - To train staff at education institutions
 - To promote success cases at national and international levels
 - To define the needs for web 2.0 tools and ICT tools for software developers

And some other issues...

- OER have other challenges...
 - Cloud computing...
 - Personal data....
 - Your "virtual picture"....

http://www.intel.com/museu mofme/r/index.htm

Conclusion: OER change learning and teaching into more responsible action.