

# *Open Education Australia*

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# Open Education Revolution Sharing Nicely

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# *Outline of Presentation*

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1. What is Open Education?
2. Free for Education Initiatives
3. Current Copyright Challenges
4. Barriers to OER
5. New Policy Developments
6. A Way Forward



# *Open Education? The beginning..*

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- Budapest Open Access Declaration 2001

“The public good .. is the world wide electronic distribution of peer review journal literature and completely free and unrestricted access by all scientist, scholars, teachers, students and other curious minds”

(Budapest Open Access Initiative, 2001)

<http://www.soros.org/openaccess>



# Open Education: Early stages

- 2002 UNESCO convened a group of academics to talk about expanding educational opportunities worldwide by facilitating the sharing and re-mixing of resources which were ‘open’ to all.
- The term “Open Education Resources” (OER) was used to describe:

“The open provision of educational resources, enabled by information and communication technologies, for consultation, use and adaptation by a community of users for non-commercial purposes” (UNESCO,2002)

[http://portal.unesco.org/ci/en/files/2492/10330567404OCW\\_forum\\_report\\_final\\_draft.doc/OCW\\_forum\\_report\\_final\\_draft.doc](http://portal.unesco.org/ci/en/files/2492/10330567404OCW_forum_report_final_draft.doc/OCW_forum_report_final_draft.doc)



# *OER now a global movement*

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- Growing trend towards openness of teaching and learning materials
- Significant drivers include:
  - Creative Commons Licences removed barriers around ownership, attribution and reuse
    - Rise of social network tools such as Facebook, Flickr and blogs
    - Ease of tagging and sharing content via delicious and RSS feeds



# OER – Global Movement

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- UNESCO Community of Interest on Open Educational Resources

[http://portal.unesco.org/ci/en/ev.php-URL\\_ID=27031&URL\\_DO=DO\\_PRINTPAGE&URL\\_SECTION=201.html](http://portal.unesco.org/ci/en/ev.php-URL_ID=27031&URL_DO=DO_PRINTPAGE&URL_SECTION=201.html)

- OCLOS Roadmap

<http://www.olcos.org/english/roadmap/>

- OECD Giving Knowledge for Free Report

<http://www.oecd.org/dataoecd/35/7/38654317.pdf>



# *Cape Town Open Education Declaration*

## **2007 Cape Town Open Education Declaration:**

A statement of principle, strategy and commitment of OER

- 1. Educators and learners** to actively participate in the open education movement by creating, using, adapting and improving open educational resources.
- 2. Authors, publishers and institutions** to release their resources openly for use, revision, translation, improvement and sharing by anyone.
- 3. Governments, school boards, colleges and universities** to make open education a high priority. Ideally, taxpayer-funded educational resources should be open educational resources.

(Cape Town Open Education Declaration, 2008)

<http://www.capetowndeclaration.org/>



# OER - Definition

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- OER are teaching and learning materials that are freely available online for everyone to use, whether you are an instructor, student or self learner.
- Examples of OER include: full courses, course modules ,syllabi, lectures, homework assignments, quizzes, labs and class activity, pedagogical materials, games, simulations and many more resources contained in digital media collections from around the world.

[www.oercommons.org](http://www.oercommons.org)





# *OER- Fundamental Values*

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- OER share some fundamental values; namely, that open educational resources are free for any individual to use, and licensed (via copyright) for unrestricted distribution and the possibility of adaptation, translation, re-mix, and improvement)



# *OER in a nutshell*

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OER is about creating repositories of material which are

**FREE** to:

- » **Access**
- » **Use**
- » **Modify**
- » **Share**



# *OER in Australia*

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- OER is not yet commonplace in Australia.
- Signs that things are changing – at both the macro policy level and at the teaching coalface

# New Policy Developments in Australia

1. Digital Education Revolution (DER)
2. National Innovation Review



# *Digital Education Revolution*

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- Through the Digital Education Revolution (DER), the Australian Government has committed new funds for the provision of:
  - Information and communication technology (ICT) for secondary students in years 9 – 12
  - High speed broadband connections to all Australian Schools
- OER will play an important role in the DER because the current copyright framework is too rigid and not well adapted to the digital environment.



# *National Innovation Review 2008*

## ***Venturousaustralia***

(report released Sep 2008)

<http://www.innovation.gov.au/innovationreview/Pages/home.aspx/>

### **Recommendation 7.8:**

“ Australian governments should adopt international standards of open publishing as far as possible. Material released for public information by Australian governments should be released under a creative commons licence.”



# *National Innovation Review 2008*

## ***Venturousaustralia***

(report released Sep 2008)

<http://www.innovation.gov.au/innovationreview/Pages/home.aspx/>

### **Recommendation 7.14:**

“...information, research and content funded by Australian governments – including national collections – should be made freely available over the internet as part of the global public commons...the Australian Government should encourage other countries to reciprocate by making their own contributions to the global digital public commons.”



# *Pathfinders for OER use in Australia*

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- Tertiary sector is dabbling in creating OER repositories.
- Some cultural institutions are creating online repositories of content available under CC licences.
- These repositories are proving invaluable education tools.





# Why use OER?

Some benefits of OER include:

- Enriching the pool of educational material and tools including material from public sector departments, libraries, museums and other cultural and government institutions.
- Greater leverage of taxpayer funded resources.
- Minimise time and cost spent on developing new educational resources.

(OLCOS Roadmap 2012 “Open Educational Practices and Resources”)

<http://www.olcos.org/english/roadmap/>



# Open Education in 2009

- There are many Open Educational Resources now available on the internet.
- These sites contain:
  - Curriculum material
  - Lectures
  - Lesson plans
  - Classroom activities
  - Homework assignments
  - Quizzes

The image displays three overlapping screenshots of open education resource websites. The top-left screenshot is for Curriki, showing a navigation menu with options like 'HOME', 'FIND', 'CONTRIBUTE', and 'DONATE TO CURRIKI'. The top-right screenshot is for the Comprehensive Knowledge Archive Network (CKAN), featuring a search bar and a navigation menu with 'Home', 'Packages', 'Tags', etc. The bottom screenshot is for Connexions, showing a search bar and a 'FIND CONTENT' section with filters for 'Subject', 'Language', and 'Popularity'. A yellow box highlights the 'OPEN KNOWLEDGE' text on the CKAN page.

# CC Learn: A way to find OER

CC learn is a division of Creative Commons dedicated to providing an up to date list of OER resources.

ccLearn

About FAQ Projects Productions Resources Search Contact

Open Education Event CC attending

Pushpin icon by Pedro Gordo, CC BY 3.0

View list of all events Add event

DiscoverEd Open Ed Community ODEPO Project Inside OER ccLearn International

Latest News

**Health OER Student Team at UMICH**  
When it comes to the open educational resources world, we all know that the University of Michigan is a pretty hopping place to be, what with Molly Kleinman as their copyright specialist and their Attribution-only (CC BY) licensed OER repository. Since they pop up pretty regularly in our blogosphere, [...]  
[Read More]

**Copyright Exceptions and Limitations in OER**  
For those of you interested in knowing how Copyright Exceptions and Limitations (known as Fair Use in the US) might affect open educational resources, there will be a working session on CCL at OCWC Global 2009 in Monterrey, Mexico next month. OCWC Global 2009 is the OpenCourseWare Consortium's first [...]  
[Read More]

ccLearn is a division of Creative Commons dedicated to realizing the full potential of the internet to support open learning and open educational resources.  
Our mission is to minimize legal, technical, and administrative barriers to creating, sharing, and the progress they've made in open education.

As interesting projects develop with equally interesting persons spearheading them, we will feature a few on this page. The open education movement is made possible by many, and we welcome insights into what will sustain and expand it. If you are a project lead who would like to be in the limelight, or know of any that might, feel free to contact us.

**University of Michigan Library Collaborative Statistics — An Open Interview with Frances Pinter of Bloomsbury Academic Textbook Model**  
"People always ask if I'm an attorney. I'm not. I'm a librarian by training, and have a background in publishing... Copyright is messy and confusing and it makes a lot of people nervous and scared. Approaching these issues as a librarian allows me to explain things in "human readable" language instead of legalese. My goal is to demystify the law and empower students and faculty to advocate for their rights as both users and creators."  
"There has to be some kind of massive ad campaign that shows the great benefits of taking forward some of the new business models in the digital age and access to knowledge. It is opportunity."  
[Grab on a beach near Portland, Maine looking for two species of invasive marine crabs - Carcinus maenas (European green crab) and Hemigrapsus sanguineus (Asian shore crabs).]

cclearn

<http://learn.creativecommons.org>



# Open Education Resources





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Some good sites are:

1. Curriki: <http://www.curriki.org/xwiki/bin/view/Main/WebHome>
2. OER Commons: [www.oercommons.org/](http://www.oercommons.org/)
3. Encyclopaedia of Life: [www.eol.org/](http://www.eol.org/)
4. Comprehensive Knowledge Archive Network: [www.ckan.net/](http://www.ckan.net/)
5. Connexions: [www.cnx.org/](http://www.cnx.org/)
6. Teaching Ideas: [www.teachingideas.co.uk/](http://www.teachingideas.co.uk/)



# OER sites and Creative Commons...

OER SITE	CC LICENCE
OER Commons <a href="http://www.oercommons.org">http://www.oercommons.org</a>	
Curriki <a href="http://www.curriki.org">http://www.curriki.org</a>	
Openlearn <a href="http://www.open.ac.uk/openlearn/home.php">http://www.open.ac.uk/openlearn/home.php</a>	
Teaching Ideas <a href="http://www.teachingideas.co.uk">http://www.teachingideas.co.uk</a>	



# CC and the National Library of Australia

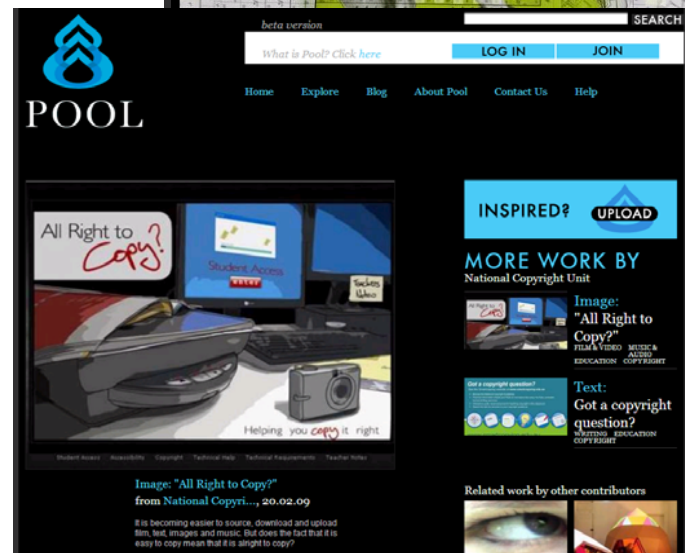
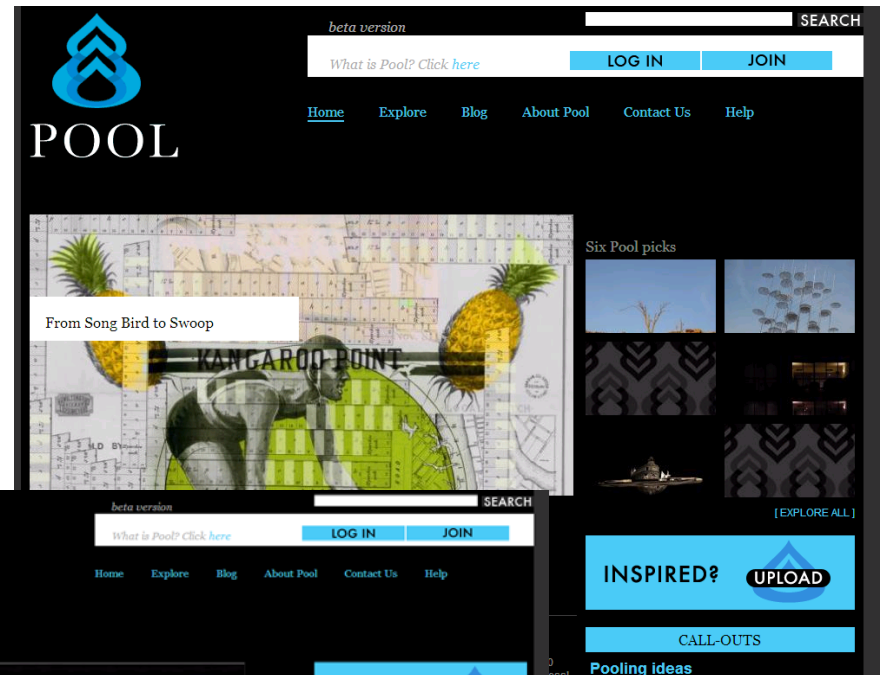
- The NLA has the largest reference library in Australia.
- NLA launched the PictureAustralia portal in 2000 <http://www.pictureaustralia.org/>
- In January 2006, the NLA established a Flickr group titled 'People, Places and Events'  
[http://www.flickr.com/groups/PictureAustralia\\_ppe/](http://www.flickr.com/groups/PictureAustralia_ppe/)
- It is a place where people can post images social, political, contemporary or historical events of national significance.
- Other groups have since been established such as 'Ourtown'  
[http://www.flickr.com/groups/pa\\_ourtown](http://www.flickr.com/groups/pa_ourtown)



# ABC Pool and CC

The ABC has just launched a new CC-friendly social media space entitled **Pool**.

<http://www.pool.org.au>



# *Free for Education Initiatives*

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- Movement in Australia is better characterised as *Free for Education*.
- There are several FFE initiatives in Australian Schools and TAFE:
  1. National Education Access Licence for Schools (NEALS).
  2. The Le@rning Federation (TLF).
  3. AEShareNet.





# ***NEALS and TLF: Not really OER***

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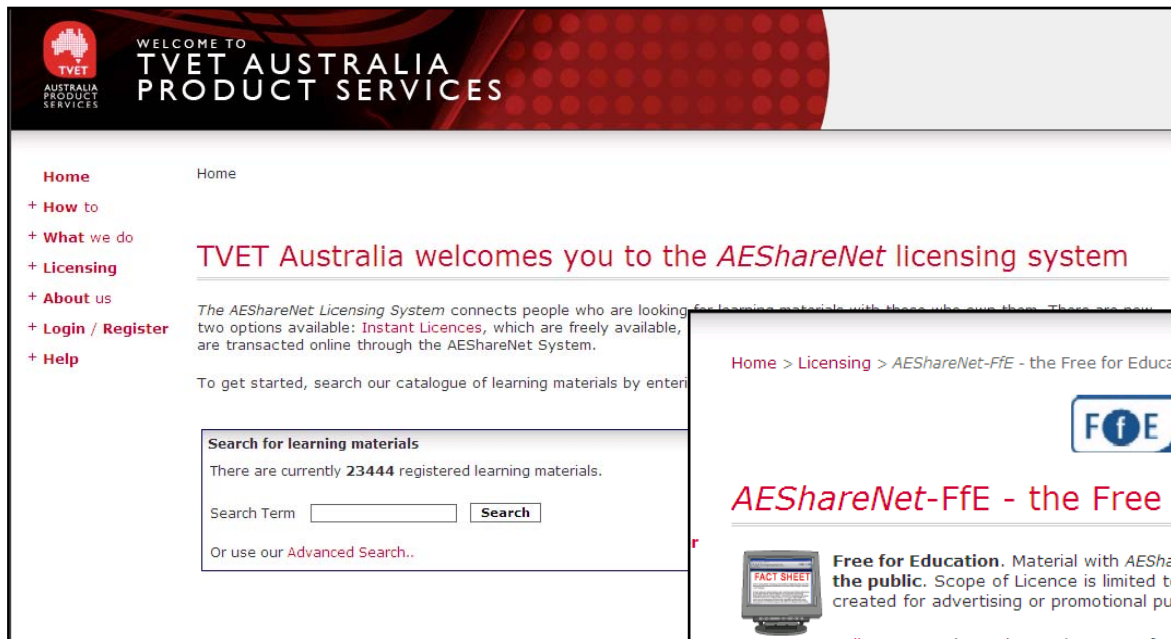
***These initiatives are not OER in the true sense because they:***

1. Only apply to Australian schools.
2. Grant limited rights
  - Cannot modify the work or share with others (some TLF material can be modified)



# Free for Education: AEShareNet

*AEShareNet instant licences are more likely to meet the OER definition and objectives!*



WELCOME TO  
TVET AUSTRALIA  
PRODUCT SERVICES

Home

- + How to
- + What we do
- + Licensing
- + About us
- + Login / Register
- + Help

Home

## TVET Australia welcomes you to the *AEShareNet* licensing system

The *AEShareNet Licensing System* connects people who are looking for learning materials with those who own them. There are now two options available: **Instant Licences**, which are freely available, are transacted online through the *AEShareNet* System.

To get started, search our catalogue of learning materials by entering a search term.

Search for learning materials

There are currently **23444** registered learning materials.

Search Term

Or use our [Advanced Search](#)..



Home > Licensing > *AEShareNet-FfE* - the Free for Education instant licence

**FfE** FREE FOR EDUCATION  
[www.aesharenet.com.au/FfE2/](http://www.aesharenet.com.au/FfE2/)

## *AEShareNet-FfE* - the Free for Education instant licence

**Free for Education.** Material with *AEShareNet-FfE* Licence Mark may be **freely used and copied** - but **not for commercial purposes**. Scope of Licence is limited to Educational Purposes. This Regime is suitable for website content created for advertising or promotional purposes.

 [Tell me more](#) about the *AEShareNet-FfE Free for Education Licence* protocol.

# Free for Education: AEShareNet

<i>Licence Type</i>	<i>What can I do?</i>
AEShareNet – FfE Free for Education	Freely use and copy for educational purposes. Cannot supply to the public.
AEShareNet – U Unlocked Content	Freely use, copy, adapt and distribute to anyone.
AEShareNet – S Share and Return	Freely use, copy, adapt and distribute to anyone. Copyright in any modifications lies with the original copyright owner.
AEShareNet – P Preserve Integrity	Freely use, copy and distribute to anyone but only in original form.



# *Other Free for Education Initiatives*

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- A number of organisations have agreed to make their online material free for education:
  - Australian Screen <http://australianscreen.com.au>
  - Enhance TV Website <http://www.enhancetv.com.au>
  - Museum Victoria <http://museumvictoria.com.au>
  - Cancer Council <http://www.cancer.org.au/Home.htm>
  - World Vision <http://www.worldvision.com.au>
- Material available on these websites can be copied for ‘educational purposes’.



# Website Terms and Conditions

<i>Terms and Conditions</i>	<i>Remunerable</i>	<i>Non-remunerable</i>
Personal Use	✓	
Non-commercial use		✓
Use in your organisation		✓
Free copying		✓
Free for education		✓
No terms and conditions, but contains a copyright statement	✓	
No terms and conditions	✓	
Copying not permitted	✓	
Password Protected	<b>Check Register</b>	



# Australian Screen Terms and Conditions

“You may save, copy, print, distribute or download for your own personal use or non-commercial educational purposes only”

The screenshot displays the Australian Screen website interface. At the top, there is a navigation bar with links for home, about, help, contact, ntsa home, register, and log in. Below the navigation bar is a search bar with a 'find' button. The main content area is titled 'Australia's audiovisual heritage online' and features a sidebar on the left with various categories and logos, including National Film & Sound Archive, Curriculum Corporation, Le@ming, Australian Government, National Archives of Australia, ABC, SBS, AIATSIS, and AARNET. The main content area includes a featured title 'Bananas in Pyjamas - Banana Breakfast' with a description and a link to go to the page. Below this is another featured title 'Arthur and the Square Knights of the Round Table - Episode 35' with a description and a link. There is also a 'Recent Comments' section and a 'Featured title - Blinky Bill's Fire Brigade' section. The bottom right corner of the screenshot shows a 'Featured title - Blue Water High - Winners and Losers' section and an 'Aussie flicks at Tribeca' section.



# *Current Copyright Challenges*

Schools and TAFE use material under:

## **1. Statutory Licences**

(Part VA and VB)

## **2. Voluntary Licences**

(AMCOS, APRA, AMCOS/APRA/ARIA)

## **3. Free Use Exceptions**

(s. 200AB)

***BUT:***

***The licence schemes and free use exceptions  
are restrictive and complicated!***



# Snapshot Summary

## Copied and Communicated Under

	<b>Part VB</b> <ul style="list-style-type: none"> <li>• Copying limits: 10% or 1 chapter of book, 10% of words on a website or CDROM.</li> <li>• Attach notice when communicate.</li> </ul>	<b>Part VA</b> <ul style="list-style-type: none"> <li>• No copying limits.</li> <li>• Can format shift.</li> <li>• Attach notice when communicate.</li> </ul>	<b>s.200AB</b> <ul style="list-style-type: none"> <li>• Limited format shifting rights.</li> <li>• You cannot buy it.</li> <li>• Only copy what you need.</li> </ul>
Images or Print	✓		
Off Air Television and Radio Broadcasts		✓	
Podcasts of free-to-air broadcasts (available on the broadcaster's website)		✓	
YouTube Videos			✓
DVDs and Videos			✓
DVD/Video (not a broadcast) into digital format (MP4)			✓
Cassette Tapes and CDs			✓
CDs into digital format (MP3)			✓

Type of Material





# Part VA, VB and s 200AB

	Copying Limits?	Format Shift?	Modify Content?	Notice Required?	Fee Paid?
Part VA	<b>NO</b>	<b>YES</b>	<b>NO</b>	<b>YES</b>	<b>YES</b>
Part VB	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>YES</b>
s. 200AB	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>

# *Current Copyright Challenges*

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Licence schemes and free use exceptions:

- Impose complex copying limits.
- Limit what can be done with the material.
- Do not allow teachers and students to modify or share the remixed work except in limited circumstances.
- Do not always keep up with new technologies.



# Current Copyright Challenges

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- Teachers cannot format shift commercial DVDs.

*(Format shifting is when content is copied from one format into another, eg CD to MP3, DVD to MP4.)*

- Voluntary music licences do not cover MP3 music files.
- Material can only be modified in limited circumstances.



# *Current Copyright Challenges*

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- Material copied and communicated under the Statutory Licences cannot be made available to the wider community.
- Part VB copying limits do not allow for simultaneous storage of content online and do not allow sharing of content outside educational institution.

# Why Share for Free?

1. Digital technology will surpass current teaching and learning structures.
2. OER are easier to manage:
  - No complex copying limits
  - No restrictions on audience ie. community members and lifelong learners.
  - Allow teachers and students to modify and share resources.



# *Why Share for Free?*

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4. Cost implications on continuing to rely on Statutory Licence schemes.
5. Quality can be improved and costs of content development reduced by sharing and reusing.

***If it can be of value to other people,  
might as well share it for free!***

# *Adopting OER in Australia*

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## *OER Model:*

1. Jurisdictions and/or Schools/TAFE institutes create an online repository.
2. Content is uploaded into the repository.
3. The repository acts as a teaching and learning exchange between Schools/TAFE institutes.



# *Barriers to OER in Australia*

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## *Barriers for schools and TAFE:*

- 1. Legal**
- 2. Economic**
- 3. Social**



# *Legal Barriers*

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## *Who will be the gatekeeper?...*

1. Teachers do not own copyright in the work they produce.
2. Those populating the repository will need to be trained in copyright.
3. Content will have to travel through a gateway to ensure that there is no breach of copyright.



# Legal Barriers

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Pathway to solution:

## *New tools and training...*

1. Jurisdictions intellectual property policies to allow teachers to make their work available under CC NC licence
2. Provide copyright training and advice when required.
3. Create a quality assessment team.
4. Develop business rules as a guide.



# *Economic Barriers*

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## *Freeloading concerns...*

1. Potential commercialisation of educational product
  - selling the product internationally.
2. Concern about “freeloading”
  - don’t want others to use the product as they haven’t spent money on it.

# *Economic Barriers*

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Pathway to solution:

## *A new business model...*

1. Showcase limited number of resources.
2. Only part of any resource is available for free. This may act as an effective promotional and sales tool.
3. Consider savings made on purchasing new resources.

# *Social Barriers*

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## *Personal concerns...*

- Sense of personal ownership over the product.
- Anxiety about others modifying the product.

# ***Social Barriers***

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Pathway to solution:

## ***A shift in perspective...***

1. Promote advantages of open education including the equalization of educational resources internationally.
2. Promote advantages of an exchange system.
  - ie. able to access, modify and share each other's work.
3. Attribution is required.



# *DER and OER*

- It is likely that ‘Open Access’ and “ OER” will be integral to Australia’s Digital Education Revolution.
- Joint Ministerial Statement on ICT in Australian Education and Training: 2008- 2011  
“Australia will have technology enriched learning environments that enable students to achieve high quality learning outcomes and productively contribute to our society and economy”
- The statement also commits Education Minister to national collaboration across Australian education and training institutions and sectors to share resources and expertise and to leverage existing initiatives while recognising the importance of innovation and experimentation



# *DER and OER*

- One of the core foundations of DER is “learning resources”
- Access to existing high quality resources from school sectors, cultural, scientific and academic institutions free of download and copyright fees
- Creating new curriculum content in new priority areas either by collaborative content creation funded by the Federal, State and Territory governments
- Co-creation of online resources with partner organisations
- Negotiating education friendly copyright arrangements which allow the use, sharing, materials without incurring additional aggregated end use licence fees. (TLF model)





# *DER and OER*

- It is likely that the creation of OER will require financial investment from the DEEWR and the State and Territory education departments
- The education sector already invests millions of dollars into the creation of digital learning resources (The Le@rning Federation)
- It already works with e-learning developers to produce educational resources.
- There are opportunities for collaboration and partnership with Australian content providers and publishers in this brave new world.



# *DER and OER*

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OER will facilitate the DER by allowing for:

- Increased use of Web 2.0 and Web 3.0 applications.
- Content to be shared and remixed by teachers and students.
- Content to be viewed by the community.



# *The Way Forward for OER in Australia*

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1. Encourage the use of OER through Smartcopying.
  - The National Copyright Unit and Creative Commons Australia have developed a user manual for the education sector.  
<http://smartcopying.edu.au/scw/go/pid/956>
2. Develop projects to assess the benefits of OER and to tackle the social barriers to sharing material.



# *The Way forward for OER in Australia*

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3. Create practical tools for teachers and students on how to find OER.  
<http://smartcopying.edu.au/scw/go/pid/936>
4. Create practical tool for teachers and students on how to openly licence their material.
5. Education travelling road show to teachers and students about OER.

# *The Way forward for OER in Australia*

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6. Australian Departments of Education, non government school sector and Universities sign the Cape Town Declaration.
7. Australian Departments of Education, Universities and the VET sector need to endorse open content licensing of resources that are tax funded and created by teachers.

# Need more information? See the Smartcopying Website

[www.smartcopying.edu.au](http://www.smartcopying.edu.au)

**Smartcopying**  
The Official Guide to Copyright Issues for Australian Schools and TAFE

Search for  All

[home](#) [national copyright guidelines](#) [faqs](#) [information sheets](#) [smart copying initiatives](#) [resources](#) [news](#) [sitemap](#)

### NATIONAL COPYRIGHT GUIDELINES

A guide to copyright issues affecting schools and TAFE

- What can I copy/communicate?
- Education Licences
- How to clear rights
- Hot Topics

[More...](#)

### FAQS

The most commonly asked questions about copyright in schools and TAFE

- Print Works
- Artistic Works and Photographs
- Musical Works
- Format Shifting

[More...](#)

### INFORMATION SHEETS

A series of information sheets providing useful facts and scenarios on copyright for schools and TAFE

- Schools
- TAFE

[More...](#)

### SMART COPYING INITIATIVES

Smart ways of managing copyright costs and dealing with copyright material

- Creative Commons
- Open Education/Free for Education
- Labelling School Material
- Labelling TAFE Material

[More...](#)

### RESOURCES

Survey training material and other educational resources on copyright

- Copyright Teaching Resources
- Audio-Visual Resources on Web 2.0 Tools such as Podcasting, Blogs, Wikis and more...
- Copyright Notices for Schools and TAFE
- Schools Survey Training Material
- TAFE Survey Training Material

[More...](#)

### NEWS

New material and information on copyright

- New Information Sheet 'Using YouTube'
- New NSW Department of Education and Training Creative Commons Teaching Resources
- 'All Right to Copy?': An interactive teaching and learning resource on copyright
- 'In Tune': A documentary on music piracy

[More...](#)

