



OSV & Education

▶ **FOSS catalogue**

▶ **The Matrix**

▶ **LiveLAMP**

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Key Points

- Who am I? & What is CC?
- Open Source Victoria
- The FOSS Catalogue
- The Curriculum Matrix
- What is LiveLAMP?
- The Big Picture
- An Open Discussion



Donna & cc.com.au

creative

contingencies

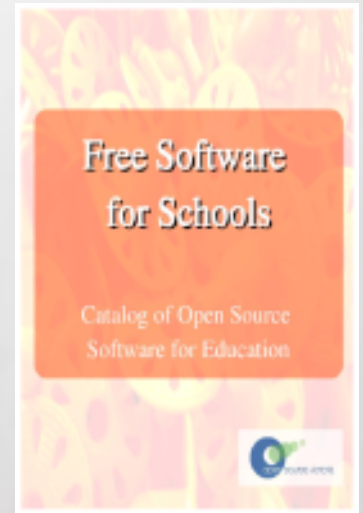
- **Donna Benjamin**
 - BA (hon) Theatre & Drama
 - Grad Dip. Comp. Studies
 - **Creative Contingencies**
 - Web Solutions
 - Facilitation
 - Research
 - Plan CC
- <http://www.cc.com.au/>

Open Source Victoria



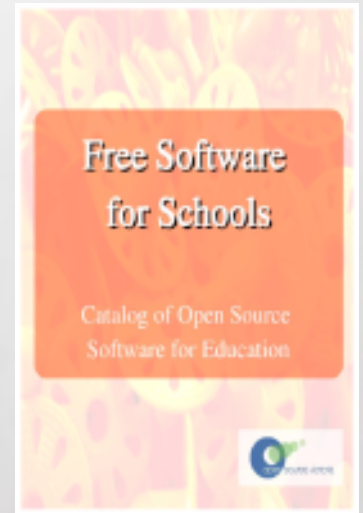
- Industry Cluster of over 80 Victorian Open Source Firms
- Founded in 2002 by Con Zymaris and Jens Porup with grant funding from Multi-Media Victoria's Next Wave Program
- <http://www.osv.org.au/>

FOSS catalogue



- Catalogue of information on Free and Open Source Software for Education
- An agreed outcome of funding from Multi-Media Victoria
- Contents sourced from application primary sources
- <http://www.osv.org.au/index.cgi?tid=155>

FOSS catalogue



- **Inclusion Criteria**
 - Educational
 - Multi-Platform
 - Open Source
- **Intended for**
 - Educators
 - Educational Organisations
 - Parents

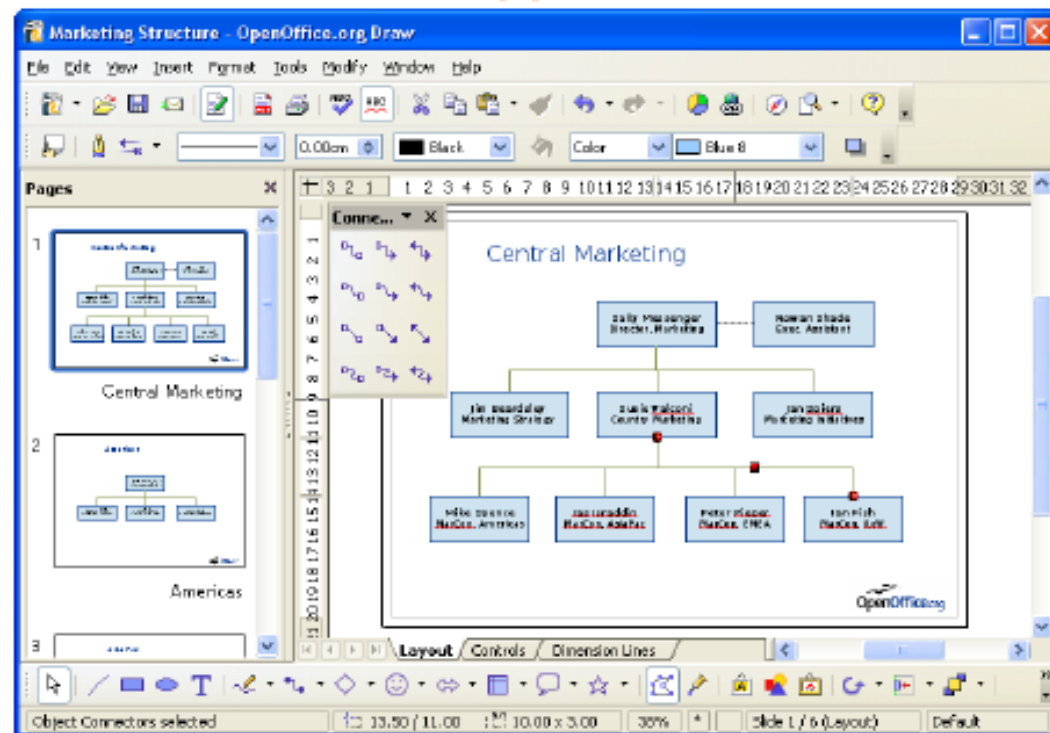


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Here's an example:

Title of Application is shown here



Quick and simple overview of the application is shown here...

Which platforms the Application Supports

Windows

Mac OS

Linux

Unix

<http://www.URLofApplication/>

A Note on the Software

Open Source Victoria makes this catalog available as an informational resource. We don't specifically endorse the quality or efficacy of the software for your needs or requirements.





FOSS catalogue

- Positive Feedback from Jan De Craemer from the Flemish Department for Education in Belgium
- They intend to make it available on CD to 5,000 schools.
- <http://www.ond.vlaanderen.be/ict/english/>



Curriculum Matrix

- Using the FOSS Catalog as a foundation
- Identify which Open Source applications can be used to address the learning requirements of every domain in VELs.



What is VELS?

Victorian Essential Learning Standards

- Describes learning standards for students from Prep-Yr 10
- Whole school curriculum planning approach
- ICT is an interdisciplinary study with 3 dimensions
 - ICT for visualising thinking
 - ICT for creating
 - ICT for communicating

VELS

VICTORIAN ESSENTIAL LEARNING STANDARDS A WHOLE SCHOOL CURRICULUM PLANNING FRAMEWORK

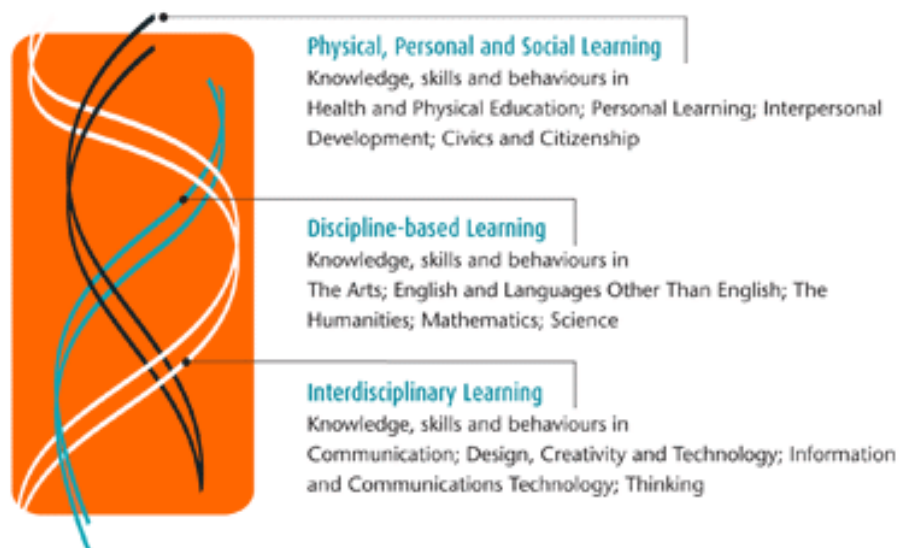
Three interwoven purposes

To equip students with capacities to:

- Manage themselves and their relations with others
- Understand the world and
- Act effectively in that world

to prepare them for success in education, work and life.

This is achieved through the three core, interrelated strands of



across the stages of learning

Years Prep to 4 Laying the foundations	Years 5 to 8 Building breadth and depth	Years 9 to 10 Developing pathways
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underpinned by educational purposes, principles and values
to form

Victorian Essential Learning Standards a framework for whole school curriculum planning

Schools plan their teaching and learning programs, using the three strands, to enable their students to achieve the essential statewide learning standards.



VELS

- **Discipline-based**
 - **The Arts**
 - **English**
 - **Humanities**
 - **Economics**
 - **Geography**
 - **History**
 - **Languages Other Than English (LOTE)**
 - **Mathematics**
 - **Science**
- **Physical, Personal and Social**
 - **Interpersonal Development**
 - **Personal Learning**
 - **Civics and Citizenship**
- **Interdisciplinary**
 - **Communication**
 - **Design, Creativity and Technology**
 - **Information and Communications Technology (ICT)**
 - **Thinking**

LiveLAMP



- Knoppix based CD to set up a Linux Apache MySQL PHP development server for student programmers.
- Developed for teachers to setup without the need for technician support or approval
- <http://www.livelamp.org/>

LiveLAMP



- Can be installed on any spare PC with a hard drive and network connection
- Creates 1000 student accounts with passwords generated from a random list of 3 letter words
- Students can FTP to webspace, & access MySQL databases.

LiveLAMP



- Teacher can view student user passwords via a web browser
- Also installs a CMS and a range of web based documentation.
- Support available via mailing lists and installation instructions are on the website

LiveLAMP



- Have had 2238 file downloads from 714 distinct hosts.
- Will be presented at SCALE.
- Positive Feedback from Peter Ruwoldt of South Australia who is running a PHP programming course, and will use LiveLAMP as the development server.
- http://waraku.blogspot.com/2005_12_01_waraku_archive.html



The Big Picture

- FOSS is the future, we all know that.
- Identify and overcome the barriers teachers experience when they try to experiment or implement FOSS.
- Enthusiasm and Good Free software just isn't enough.

The Big Picture

- Teachers need information, a context for planning and examples of good practice.
- Roland Gesthuizen told me about **The Pencil Metaphor** by Linda McKeown



<http://www.teachers.ash.org.au/lindy/pencil/pencil.htm>

The Pencil Metaphor

- A metaphor for the positions people take in relation to the uptake of ICT

– Leads



– Sharps



– Wood



– Dead Wood



– Erasers



– Hangers On





The Pencil Metaphor

- So what types should we be targetting?
 - The Leads?
 - Sharps?
 - The Would Dos?
 - Dead Wood.
 - Erasers.
 - Hangers On.
- Do you know these types?



What do we do?

- Support the "would do" crowd to become "will do" and then "can do" and "did do".
- Don't waste energy. Our collective energy is powerful indeed, but *finite*. We need to target it to do the most good.
- Share knowledge on what strategies work.

Thank You!



Info

- **FOSS catalogue:** Delivers information to the education sector on FOSS that's out there and ready.

Context

- **The Matrix:** Develop a framework that can be used for planning and curriculum development.

Practice

- **LiveLAMP:** Practical application to help overcome barriers to FOSS adoption.



Open Chat

- So what's going on in your local area?
- What barriers do we face in the adoption of FOSS in the education sector?
- What FOSS education initiatives should we collectively champion?
- Your questions and ideas?