

Supporting the Revolution

NSW Secondary Deputy Principals Association
Professional Learning Day – 12 March 2010

V.104 20.02.2006



Beatrice Iacono – Senior Learning Design Officer, Languages

Damian Wanstall – Senior Learning Design Officer, Mathematics

Digital Education Revolution ►► NSW

Most computer-related projects only promote lower-order thinking when we should be taking advantage of the power of technology to promote problem solving, reasoning and critical thinking.

M. D. Roblyer, "Integrating Educational Technology into Teaching"

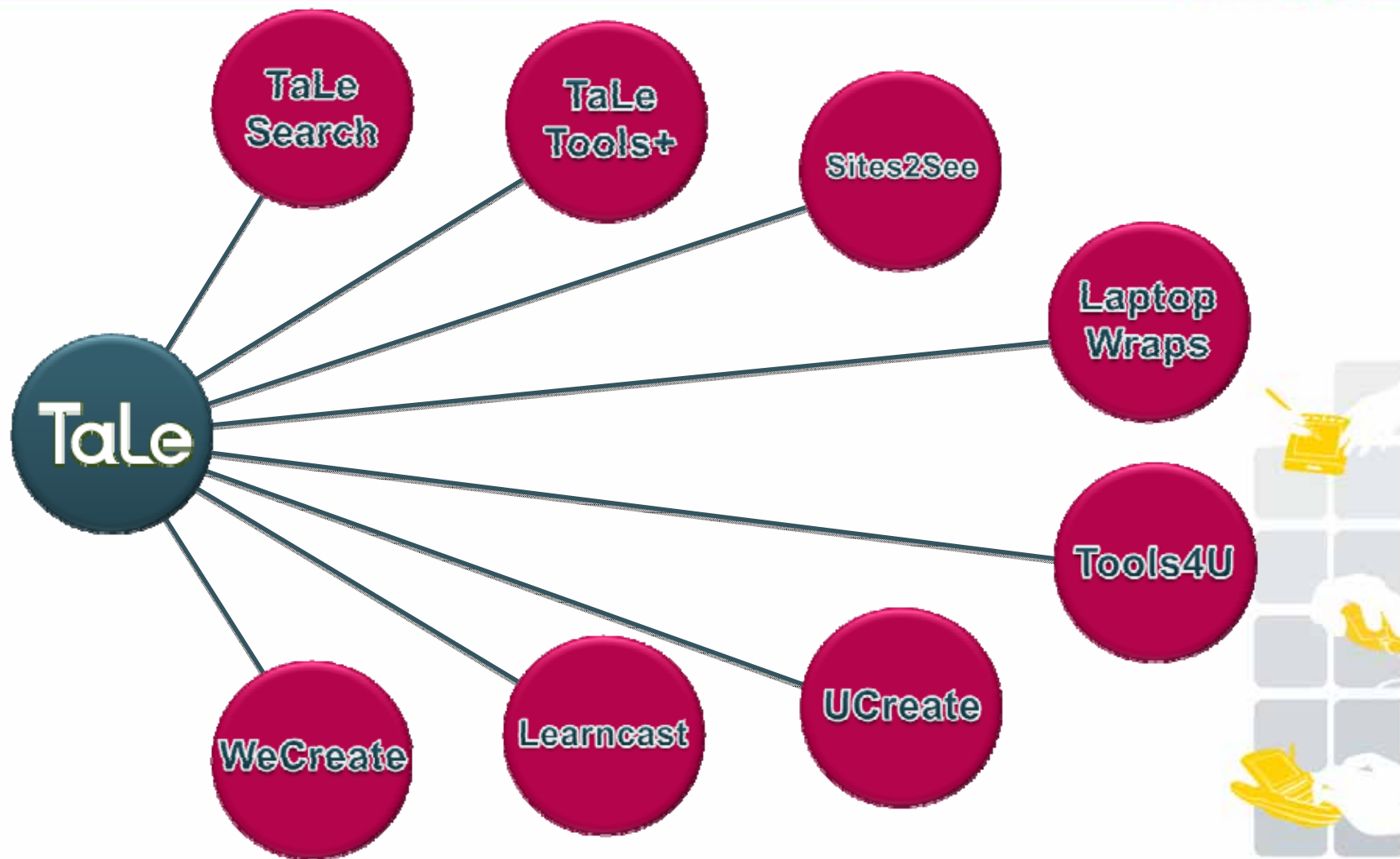


The focus will never be on the technology. Rather it's the pedagogy that counts. It's worth keeping in mind that laptops are only a tool. They're at our disposal to make learning easier, and more enjoyable for children.

Holmes, 2008



Our Journey...





TaLe
Teaching and Learning exchange

sitemap | jargon buster | help | contact us | resize text A- A+

TaLe Home Primary Secondary TAFE Parents & Community Welcome Damian Wanstall My saved items Log out

TaLe - the NSW gateway to Primary, Secondary and TAFE teaching and learning resources.

Parents & community

TAFE Primary Secondary

Welcome to the **TaLe pilot**. This new version of TaLe provides better ways to **search, save** and **share** resources. Find out more about the the TaLe Pilot [here](#).

My resources Lists Searches

You do not currently have any saved resources.
You can save resources for later reference from search results and resource access pages.

Contact TaLe

You will find information on how to provide feedback about TaLe services or to report an issue on the **Contact us** page





Tale Secondary
 Teaching and Learning exchange

sitemap | jargon buster | help | contact us | resize text **A-** **A+**
Tale forums | Tools+ | News | Events

[Tale Home](#) |
 [Primary](#) |
 [Secondary](#) |
 [TAFE](#) |
 [Parents & Community](#)
Welcome KEVIN O'GORMAN

[My saved items](#) |
 [Log out](#)

You're in: [Tale home](#) > [Secondary](#)

Find **Secondary** teaching and learning resources

 in Secondary Search ?

Learning/teaching areas: All

Stages/qualifications: All


[More options](#)

In focus

Cross Curriculum
Mathematics
PDHPE
Science
Languages
HSIE
TAS
Creative arts
English

View resources saved by other users:

aboriginal algebra algebraic-techniques ancient-history
antarctic cogs creative-arts english hsie
 indigenous-australians mathematics modern-history
 pdhpe science-&-technology south-polar-region



Laptop wrap: Searching the skies above Meekatharra

Australia and the Square Kilometre Array .

[View resource](#)

[View more Science Laptop Wrap resources](#)

DER-NSW Resources

What's new | **What's hot**

- Numeracy wrap resources
- French Stage 6 beginners modules
- Communicating ideas: oblique drawing (Activstudio flipchart)
- Assessment approaches with laptops
- Renovate, Calculate!
- ABC - Ace Day Jobs
- ABC - Ask an expert



Tale Secondary

Teaching and Learning exchange

[sitemap](#) [jargon buster](#) [help](#) [contact us](#) [resize text](#) **A-** **A+**

[Tale forums](#) [Tools+](#) [News](#) [Events](#)

[Tale Home](#) [Primary](#) **[Secondary](#)** [TAFE](#) [Parents & Community](#)

Welcome Damian Wanstall

My saved items

[Log out](#)

Digital Education Revolution - NSW Resources

[Professional resources](#) | [UCreate](#) | [Tools4U](#)

Teaching and learning resources for the Digital Education Revolution - NSW (DER-NSW) program.

Centre for Learning Innovation



Laptop wraps are a series of one page guides on a range of topics suitable for laptop use.

[Creative arts](#) [English](#) [HSIE](#) [Languages](#)
[Mathematics](#) [PDHPE](#) [Science](#) [TAS](#)



UCreate are a series of cross curriculum one page teacher guides to support teachers using technology in the classroom.

[Find UCreate resources](#)



Tools4U provide support for the suite of Adobe, Microsoft, and other educational software provided on the Lenovo laptops.

[Find Tools4U resources](#)

Curriculum K12



DER-NSW Support pages for each KLA.

[Creative Arts](#) [English](#) [HSIE](#) [Languages](#) [Mathematics](#)
[PDHPE](#) [Science](#) [Technology](#) [School libraries](#)

Other laptop friendly resources

To find laptop friendly resources on Tale use these search links. [All public resources](#)

Tools+ Schools

Software tools

Interactive classrooms

Social media tools

DER-NSW Resources

Meet the **Lenovo IdeaPad S10e**



UPDATED

DET support sites:

- DER - NSW Program
- ITD online support
- ITD equipment and software
- Internet filtering requests
- ICT policies and procedures




Connected Learning Advisory Service

Centre for Learning Innovation
Fostering and promoting innovation
in teaching and learning

CLAS Schools

Professional learning for ICT in education




Home | Pathways | Focus On

Home

- ▶ Getting started
- ▶ Benefits
- ▶ For Principals
- ▶ Relationship with the NSW Institute of Teachers
- ▶ Terminology

- ▶ Professional learning centre
- ▶ Focus on
- ▶ School stories
- ▶ How to guides



The Connected Learning Advisory Service (CLAS)

Welcome to the Connected Learning Advisory Service (CLAS)

The Connected Learning Advisory Service helps teachers make the most of information and communication technologies (ICT) in their classrooms.

Information and communication technologies are an integral part of the modern world. Using ICT across the curriculum not only motivates students but also gives them opportunities to develop the knowledge and skills necessary for life in the 21st century.

CLAS has two main parts. The *Using ICT Framework* and online self-assessment tool (*MyMap*) help teachers evaluate how they use ICT for teaching and learning. Teachers can create their own log of evidence of ICT capability and identify aspects of their practice for further development.

The learning pathways provide links to examples of what other teachers are doing, online resources and professional learning activities to help teachers explore new strategies for use with their students.

MyMap self-assessment tool

Access the [MyMap tool](#)

Conditions of use of the MyMap self-assessment tool

Using ICT skills Framework

The Using ICT skills Framework describes the knowledge, skills, understandings and capacities teachers need to ensure the successful integration of ICT into their teaching practice.

Download a copy of the [Using ICT skills Framework](#) (pdf – 206kB)

CLAS feedback survey



Connected Learning Advisory Service

[HELP ?](#) [CLOSE X](#)

MyMap
Welcome | Self assessment | Learning plan | Evidence | Reports
◀ Previous Page | Next Page ▶

Self assessment Integrating ICT
Completed domains: 0 of 8

Domain Menu
◀ Previous Domain
Next Domain ▶
Save

Can you do this? How often do you do this?

I identify opportunities for the use of ICT and build learning activities accordingly Show me	<input checked="" type="radio"/> Regularly <input type="radio"/> Sometimes <input type="radio"/> Never	Evidence I have incorporated learning objects found on TaLe in my Maths lessons.
I experiment and innovate with new ICT and teaching/learning methodologies to meet individual learning needs Show me	<input type="radio"/> Regularly <input checked="" type="radio"/> Sometimes <input type="radio"/> Never	← This task has been added to your learning plan

Connected Learning Advisory Service

MyMap [Welcome](#) | [Self assessment](#) | [Learning plan](#) | [Evidence](#) | [Reports](#) HELP ? CLOSE X

← Previous Page | Next Page →

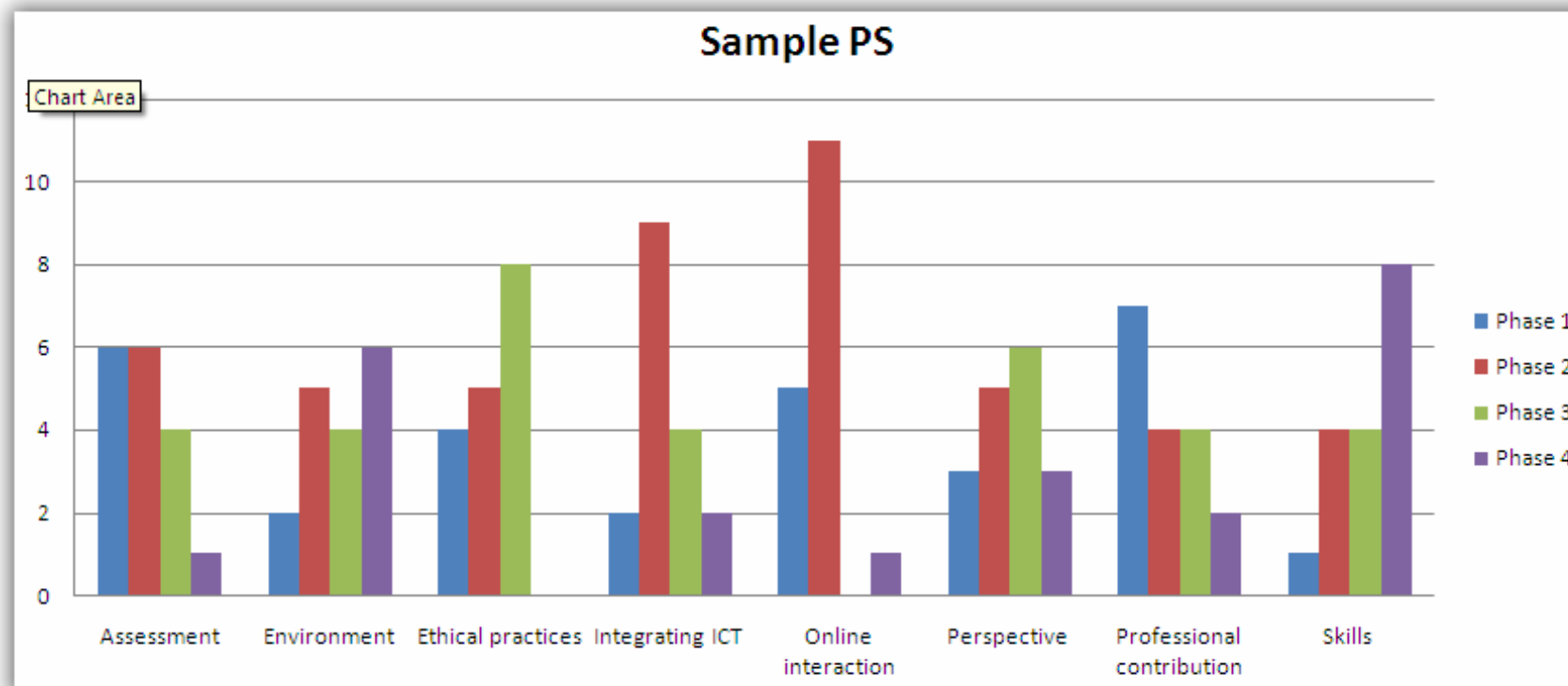
Summary Print report Close report

Key

- not attempted
- never
- sometimes
- regularly

Domain	Completed aspects
Skills	<input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>
Integrating ICT	<input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>
Environment	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>
Online interaction	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
Assessment	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>
Perspective	<input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>

Connected Learning Advisory Service



Professional Learning

Digital Education Revolution NSW | Curriculum K-12 | Centre for Learning Innovation

Getting started with laptops

laptop - get on board

Digital Education Revolution NSW

Welcome and Introduction to The Digital Education Revolution NSW Teachers' Forum which focussed on exploring K-12 specific strategies for using laptops for teaching and learning.

Hon. Verity Firth MP - Minister for Education

Opening address

Let's look at laptops

Teaching a lesson using laptops

Why laptops make a difference

Technical Requirements

Centre for Learning Innovation

ICT for Teaching and Learning

Learning in your space at your pace

Feedback

Digital Education Revolution NSW | Curriculum K-12 | Centre for Learning Innovation

Leading my faculty

teachers

introduction

pedagogy

students



Professional Learning



Laptop Wraps

[View LAPTOP WRAPS here](#)

Spanish



Write a review



Brian Eno



Puzzling probability



Challenging media Images

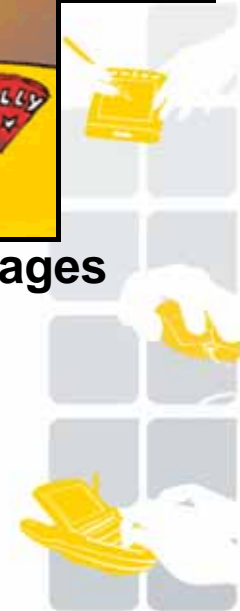


Charles Darwin

The stolen generations



3D modelling



Laptop Wraps

Creating avatars Laptop wraps

Why do people use avatars? Avatars create a visual representation that helps people to convey information about themselves in an online community.







Jenny and her avatar, Jules.

Explore

Explore the CLI product Worlds to find out about the use of avatars in Second life in education. Select 'Worlds beyond', Text 3.

Your tasks

-  Match the avatar with an appropriate situation. What kind of avatar do you need for each situation and audience?
-  Create your own avatar.
-  Avatar game. Can you guess the real identity of each avatar?
-  Compose a blog post. Choose the statement or question.

[Syllabus links](#) | [Feedback](#) | [Teaching notes \(.doc 113kB\)](#)



NEALS © State of NSW, Department of Education and Training, 2009

[Centre for Learning Innovation](#)



Tools4U

Digital Education Revolution ► NSW

[View TOOLS4U here](#)



Tools4U

Digital Education Revolution ► NSW



Adobe Acrobat Pro Extended

This application allows you to work with [PDF](#) documents, create portfolios of diverse resources, add comments and annotate PDFs, develop and track interactive forms.



Tips
for
teachers



Getting
started
tutorials

Use Acrobat Pro in the classroom

- 1 Present a [PDF portfolio](#) of diverse resource files.
- 2 Respond with [comments](#) in a PDF document by adding sticky notes and other annotations.
- 3 [Work with PDF files](#) including creating, modifying, adding rich media.
- 4 Work with [electronic forms](#) for surveys and simple tests.

[PLC Forum](#) | [Feedback](#)



NEALS ©Commonwealth of Australia 2009 Centre for Learning Innovation

Notebook
SketchUp
Excel
Dreamweaver
Fireworks



Windows 7



Captivate



OneNote



Photoshop



Presenter



Photoshop



Word



Audacity



GeoGebra



UCreate an audio podcast

Digital Education Revolution ►► NSW

[View UCREATE here](#)

What is a podcast?



Student access to video: [Podcasting in Plain English](#) courtesy of Common Craft.

Why make an audio podcast?

Make your voice heard! [Podcast](#) your work and share your learning with others.

How to create an audio podcast

- 1 [Simple steps](#)—Use Sound Recorder to create a podcast then upload it to a blog.
- 2 [Step up](#)—Record, edit and mix your audio in Audacity and podcast it via an RSS feed.
- 3 [Slick tricks](#)—Dress up your podcast and advertise it on a podcast directory.

Feedback

 video podcast

 diagrams

 digital portfolio

 a laptop wrap

Digital posters, Webpage, Slideshow, Mobile learning, Interactives, Presentations, Music, Codequest





UCreate

UCreate a laptop wrap
Digital Education Revolution

What is a laptop wrap?
It's a small website that 'wraps up' some existing content and includes engaging, technology-based activities.



Search Forums

- Administration
- 4 Turn editing on
- Settings
- Assign roles
- Styles
- Groups
- Groups
- Roles
- Roles
- Import
- Reset
- Recent
- Questions
- Files
- Unenrol me from CLW
- Profile

My courses

NSW

Why make a laptop wrap?
Improve your skills while you make a resource you can use to inspire students in any technology-rich classroom.

How to create a laptop wrap

- 1 Create a storyboard to clarify your ideas and design the content.
- 2 Create custom graphics for your laptop wrap.
- 3 Create a laptop wrap from a template.



Online course

Welcome


We hope that you find working through this course engaging and productive. By the time you've finished you should have:

- an engaging resource that enhances student learning
- skills and knowledge you can share that empower you to create more resources
- five hours' accreditation with NSW Institute of Teachers

Netbook computers have arrived in educational settings. By the end of 2009, the Digital Education Revolution NSW (DER-NSW) will have delivered 45000 of these small-format computers to into student hands, 18000 to teachers and more to be 'pooled' in schools. The saturation will increase.

A laptop wrap is a compact educational website with these characteristics:

- It is engaging and inclusive.
- It is designed to work on netbooks, although there is no reason it shouldn't be just as useful on a larger computer.
- It focuses on knowledge and/or skills that will help students achieve syllabus outcomes.








User generated content

W Enter title here
Laptop wrap

Insert introductory paragraph outlining the student-centered purpose of the Laptop wrap.

Placeholder graphic


Your tasks

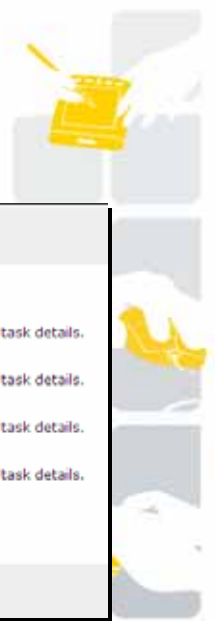
-  Insert description of task 1 and [link](#) to popup of task details.
-  Insert description of task 2 and [link](#) to popup of task details.
-  Insert description of task 3 and [link](#) to popup of task details.
-  Insert description of task 4 and [link](#) to popup of task details.

Explore

Insert links to existing resources for students to explore. Keep to a single paragraph with links written into a sentence.

[Syllabus links](#) | [Teacher notes](#)

 New logo



Sites2See resources

Centre for Learning Innovation **Sites2See** [Bookmark this page](#)

Index of Sites2See pages (Beta)

Primary	Secondary	TAFE
view list	view list	view list
English browse	English browse	Professional development browse
view list	view list	view list
Mathematics browse	Mathematics browse	Web tools browse
view list	view list	view list
HSIE browse	HSIE browse	All Sites2See browse
view list	view list	view list
Creative Arts browse	Languages browse	About Sites2See
view list	view list	
Science and Technology browse	Creative Arts browse	Find more teaching and learning resources on TaLe
view list	view list	Parents & Community Public access
PDHPE browse	Science browse	
view list	view list	
Cross KLA browse	TAS browse	
view list	view list	



Sites2See: Web 2.0 tools for the information skills process

Links to Web 2.0 tools.
[More details ...](#)



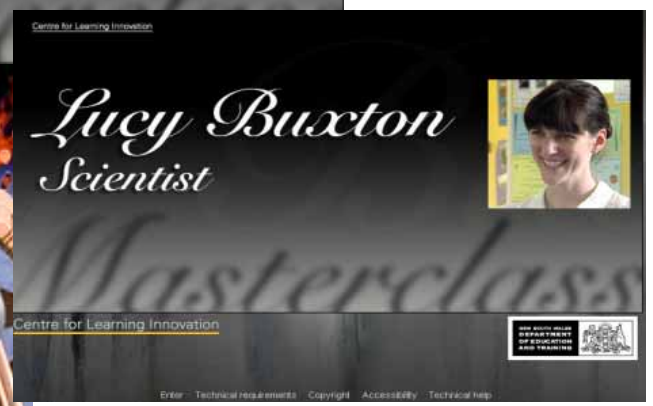
Science talk

Writers talk

Masterclasses



Video-based resources that can provide stimulus for learning tasks across KLA's



WeCreate 2010: Connected learning awards

Digital Art Awards (4 competitions)

Close: 24 March; 9 June, 15 Sept, 3 Nov

Digital Story Awards

Close: 19 May

Short Film Awards

Close: 23 June

Web Design Awards

Close: 28 July

Greeting Card Design Awards

Close 11 August

Learning Resource Awards

Close: 20 October

Broadcast news – 2 weeks of challenge only

* Term 1 – News (Wks 5-7) * Term 3 – Documentary (Wks 1-3)

* Term 2 – Sport (Wks 1-3) * Term 4 – Personal Interest (Wks 3-5)

National Treasures – Term 3 Wk 10 (22/09) – watch for website



CSU: ICT Education Scholarships

- ❑ Graduate Certificate of ICT Education at Charles Sturt University.
- ❑ Each scholarship is for a total of \$1520 (25% of the total course fees)

There are two more intakes for 2010 with the closing dates being:

- June 1 2010 for courses commencing on July 12 2010
- September 1 2010 for courses commencing on November 15 2010

Up to 6 CLI sponsored scholarships will be offered for each intake.

Interested?





Your journey...



The screenshot shows the TaLe website interface. At the top, there is a navigation bar with the TaLe logo and the tagline 'Teaching and Learning exchange'. To the right of the logo are links for 'sitemap', 'jargon buster', 'help', 'contact us', and 'resize text A- A+'. Below the navigation bar is a secondary menu with tabs for 'TaLe Home', 'Primary', 'Secondary', 'TAFE', and 'Parents & Community'. The 'Parents & Community' tab is currently selected. To the right of this menu, it says 'Welcome Damian Wanstall' and 'My saved items' with a 'Log out' link.

The main content area features a heading 'Parents & community' above a graphic of four interlocking puzzle pieces in blue, yellow, green, and purple. The words 'TAFE', 'Primary', and 'Secondary' are positioned around the puzzle pieces. Below this graphic is a text box that reads: 'Welcome to the **TaLe pilot**. This new version of TaLe provides better ways to **search, save** and **share** resources. Find out more about the the TaLe Pilot [here](#).'

On the right side of the main content area, there is a sidebar with a 'My resources' section containing 'Lists' and 'Searches' tabs. Below this is a 'Contact TaLe' section with a text box that says: 'You will find information on how to provide feedback about TaLe services or to report an issue on the **Contact us** page'. At the bottom of the sidebar, there are three decorative icons of a yellow book with wings, a yellow book with a white cloud, and a yellow book with a white cloud.



sitemap | jargon buster | help | contact us | resize text **A-** **A+**

Tale Secondary

Teaching and Learning exchange

Tale forums | Tools+ | News | Events

Tale Home | Primary | **Secondary** | TAFE | Parents & Community

Welcome KEVIN O'GORMAN | **My saved items** | Log out

You're in: [Tale home](#) > Secondary

Find Secondary teaching and learning resources

in Secondary **Search** ?

Learning/teaching areas: All

Stages/qualifications: All [More options](#)

In focus

[Cross Curriculum](#) | [Mathematics](#) | [PDHPE](#) | [Science](#) | [Languages](#) | [HSIE](#) | [TAS](#) | [Creative arts](#) | [English](#)

View resources saved by other users:

aboriginal algebra algebraic-techniques ancient-history
antarctic cogs creative-arts english hsie
 indigenous-australians mathematics modern-history
 pdhpe **science-&-technology** south-polar-region

Searching the skies above Meekatharra

Laptop wrap: Searching the skies above Meekatharra

Australia and the Square Kilometre Array .
[View resource](#)
[View more Science Laptop Wrap resources](#)

My resources | Lists | Searches

Class 7E assessment 28.01

[View/manage my lists \(1\)](#)

[Browse Resources](#)

[DER-NSW Resources](#)

What's new | **What's hot**

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- ABC - Ask an expert



Tale Secondary

Teaching and Learning exchange

[sitemap](#) | [jargon buster](#) | [help](#) | [contact us](#) | [resize text](#) **A-** **A+**

[Tale forums](#) | [Tools+](#) | [News](#) | [Events](#)

[Tale Home](#) | [Primary](#) | **Secondary** | [TAFE](#) | [Parents & Community](#)

Welcome Damian Wanstall

My saved items

[Log out](#)

Digital Education Revolution - NSW Resources

[Professional resources](#) | [UCreate](#) | [Tools4U](#)

Teaching and learning resources for the Digital Education Revolution - NSW (DER-NSW) program.

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Curriculum K12



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[PDHPE](#) | [Science](#) | [Technology](#) | [School libraries](#)

Other laptop friendly resources

To find laptop friendly resources on Tale use these search links. [All public resources](#)

Tools+ Schools

Software tools

Interactive classrooms

Social media tools

DER-NSW Resources

Meet the **Lenovo IdeaPad S10e**



UPDATED

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- Internet filtering requests
- ICT policies and procedures





TaLe Secondary
Teaching and Learning exchange

sitemap | jargon buster | help | contact us | resize text: A- A+

TaLe forums | Tools+ | News | Events

TaLe Home | Primary | **Secondary** | TAFE | Parents & Community

Welcome Damian Wanstall | **My saved items** | Log out

You're in: TaLe home > Secondary > Search Results

tools4u in Secondary **Search again** ?

Learning/teaching areas: All [More options](#)

Did you find what you were looking for?
 Yes No

Refine these results

By learning area

- Mathematics (9)

By teaching area

- Design (8)
- Fine Arts (3)
- Information Technology (6)
- Media (8)
- VET In Schools (8)

By stage or qualification

- Stage 3 (9)
- Stage 4 (9)
- Stage 5 (9)
- Stage 6 (9)
- 02 Certificate II (9)
- 03 Certificate III (9)
- 04 Certificate IV (3)
- 05 Diploma (3)

1-9 of 9 results [Save this search](#)

[Add to saved items](#) | [email](#) | [pdf](#) | [print](#) | Sort by: most relevant [most recent](#)

- Tools4U: Word 2007** 1
 This resource is a one page teacher guide for using Microsoft Word 2007 in the classroom. While most teachers are familiar with Word, this ...
[Website](#) | Stage 3, 4, 5, 6, Certificate II, III, IV, Diploma | 2009
 Tags: laptops [Add to my saved items](#)
- Tools4U: Adobe Captivate** 1
 This resource is a one page teacher guide linking to resources and activities for using Use Adobe Captivate to capture on-screen action, ...
[Website](#) | Stage 3, 4, 5, 6, Certificate II, III, IV, Diploma | 2009
 Tags: laptops [Add to my saved items](#)
- Tools4U: Adobe Premiere Elements 7** 0
 This resource is a one page teacher guide linking to resources and activities for using Adobe Premiere Elements 7 in the classroom. Laptop ...
[Website](#) | Stage 3, 4, 5, 6, Certificate II, III, IV | 2009 [Add to my saved items](#)

My resources | Lists | Searches

You do not currently have any saved lists.
 Create lists by saving one or more resources from search results.

[Resource Browser](#)

[DER-NSW Resources](#)



More?

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damian.wanstall@tafensw.edu.au

