



## Science Stage 5

To access these and other CLI resources, visit: [www.tale.edu.au](http://www.tale.edu.au) > secondary

### Laptop wraps for Science Stage 5

This collection of new laptop friendly resources from the Centre for Learning Innovation is designed to support the Digital Education Revolution NSW implementation. The mix of online and offline tasks is intended to promote student understanding and capability in key topic areas. Each wrap is self contained and consists of resources and instructions to complete the tasks. Search on TaLe by Laptop wrap Stage 5 Science.

New Laptop wraps from the Centre for Learning Innovation (CLI) provide online and offline tasks to support student investigation, collaboration and creation of content.



#### Using databases in Science

Investigate the fossils of NSW. Use databases as a source of information and then create a podcast, video, PowerPoint presentation or an email assignment to present the information.

TaLe search by title or number: [8834](#)



#### Modelling atoms

Explore different models of the atom and then present these models as a PDF, a PowerPoint or with digital photography.

TaLe search: [DERNSW](#) or [8842](#)



#### The work of a palaeontologist

Watch a real palaeontologist answer questions from students about his career and then create a brochure or One Note presentation.

TaLe search: [DERNSW](#) or [8844](#)



#### Charles Darwin

Celebrate the anniversary of Charles Darwin and learn about evolution, then present the evidence for evolution by creating a podcast or a PowerPoint presentation.

TaLe search: [DERNSW](#) or [8845](#)



#### Fossilisation

Find out about the steps that occur in the process of fossilisation. Use Flash or PowerPoint to create a slideshow showing the process of fossilisation.

TaLe search: [DERNSW](#) or [8847](#)



### Talking evolution

Learn about the evidence for evolution and the arguments against Intelligent Design from a world famous sceptic Michael Shermer. Then use OneNote or PowerPoint to summarise the information.

*TaLe search: DERNSW or [8848](#)*



### Under universal skies

Learn from Professor Bryan Gaensler about the electromagnetic radiation that cosmic objects emit. Manipulate a NASA animation and use OneNote to design a diagram and prepare an explanation.

*TaLe search: DERNSW or [10237](#)*



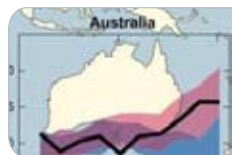
### East of Meekatharra

Will the mega science project, the Square Kilometre Array, be built in Australia? Prepare a scientifically persuasive OneNote presentation supporting our bid to build it east of Meekatharra.

*TaLe search: DERNSW or [10369](#)*

## Sites2See for Science Stage 5

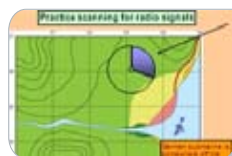
*Sites2See* draw on the expertise at the Centre for Learning Innovation (CLI) to give additional support in using selected resources or websites. The one-page guides provide links to quality online resources, with syllabus links and advice as to how the resources might be used. Search on TaLe by Sites2See Stage 5 and Science.



### What is climate change?

A page to address the question 'What is climate change?', from the definition, to the Intergovernmental Panel on Climate Change (IPCC) as the foremost authority, and selected links covering aspects of the question with games, graphics, activities, information sites, resource packs and video interviews.

*TaLe search by title or number: [7296](#)*



### Spreadsheets for Science

A page with example resources, exemplars and advice to help integrate spreadsheet use in teaching and learning for science. Includes suggestions for use, tutorials and information on research and benefits, plus links to a range of related resources.

*TaLe search by title or number: [7921](#)*



### Copyright for students

A page with links and information on copyright and Creative Commons with a range of guides to help find Creative Commons images, video and music online.

*TaLe search by title or number: [8587](#)*

## Tools4U

*Tools4U* are software support tools, with tips for teachers, getting started tutorials and classroom tasks for a range of Microsoft, Adobe and other software being rolled out across DET NSW in 2009 as part of the national Digital Education Revolution initiative.



Need help using the new DET software suite? The Tools4U resources will provide you with tips, tricks and tutorials to get you started.



An Australian Government Initiative

### Tools4U–Adobe Acrobat Pro

*TaLe search by title or number:* [9222](#)

### Tools4U–Adobe Captivate

*TaLe search by title or number:* [9223](#)

### Tools4U– Adobe Dreamweaver

*TaLe search by title or number:* [10378](#)

### Tools4U– Adobe Fireworks

*TaLe search by title or number:* [10377](#)

### Tools4U–Adobe Photoshop Elements

*TaLe search by title or number:* [9228](#)

### Tools4U– Adobe Premier Elements

*TaLe search by title or number:* [9227](#)

### Tools4U–Microsoft Word 2007

*TaLe search by title or number:* [10089](#)

### Tools4U–Windows 7

*TaLe search by title or number:* [10304](#)

### Tools4U–Microsoft OneNote

*TaLe search by title or number:* [9225](#)

### Tools4U–GeoGebra

*TaLe search by title or number:* [9221](#)

### Tools4U–Audacity

*TaLe search by title or number:* [9226](#)

### Tools4U–Adobe Presenter

*TaLe search by title or number:* [9224](#)

## UCreate

*UCreate* guides help teachers and students to creatively use and integrate a range of software for collaboration, networking and sharing of curriculum based content for learning.



### UCreate an audio podcast

*TaLe search by title or number:* [10395](#)

### UCreate a web page

*TaLe search by title or number:* [10331](#)

### UCreate diagrams

*TaLe search by title or number:* [10329](#)

### UCreate a digital portfolio

*TaLe search by title or number:* [10328](#)

### UCreate a video podcast

*TaLe search by title or number:* [10327](#)

## The Teaching and Learning exchange (TaLe)

Search on TaLe for access to 919 Science Stage 5 resources including 243 resources from The Le@rning Federation and 115 laptop friendly Science Stage 5 resources from CLI including 90 Intel Skool resources. You can also save your searches to develop resource lists to share with students.



TaLe has changed the design of its pages, search and the information to better support the Digital Education Revolution NSW (DER-NSW), with:

- a collation of online support for new tools and software under the Tools+ banner
- search improvements to help users find 'laptop friendly' resources
- interface redesign to accommodate the screen size of netbooks.

### Tools+

Tools+ on TaLe provides access to tools and resources that support software applications provided under programs such as Connected Classrooms Program, Technology 4 Learning and DER-NSW. Use Tools+ to find approved and up-to-date information and resources to help with interactive classrooms, software tools and social media.

### Search improvements and design changes

TaLe search results pages now enable teachers with netbooks to view more search records, and changes have been made to the TaLe header and other design elements to improve usability on netbooks. To make things even easier for teachers, a visual shortcut to the DER-NSW support pages has been added to the right hand column of the Secondary teachers home page.

### TaLe DER-NSW

TaLe, Secondary now has a link to a dedicated DER-NSW site. Here you will find a 'one-stop shop' where you can browse through all of the DER-NSW resources available through TaLe – [www.tale.edu.au/tale/live/DER](http://www.tale.edu.au/tale/live/DER).

## CLAS for schools

CLAS for schools is a self-evaluation tool that helps teachers appraise their skills and knowledge in using ICT for teaching and learning.



CLAS gives teachers links to practical advice, tips, set-up guides, software and online tools, and includes links to advice on curriculum benefits, plus a range of collaborative resources and learning programs using video conferencing and webcasts.

For more details, visit: [www.cli.nsw.edu.au/cli/e-learning/clas.shtm](http://www.cli.nsw.edu.au/cli/e-learning/clas.shtm)

### Enquiries and Sales

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