

*Le@rning
in an Online World*

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Curtin

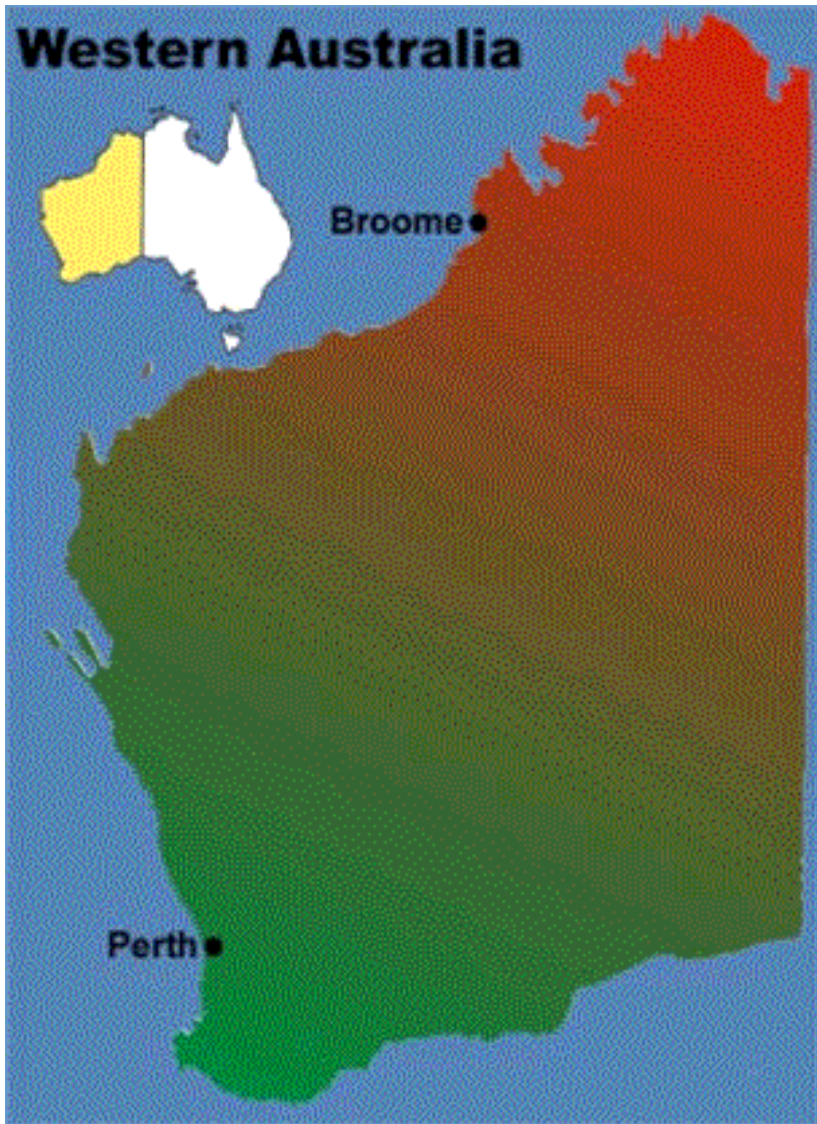
UNIVERSITY OF TECHNOLOGY

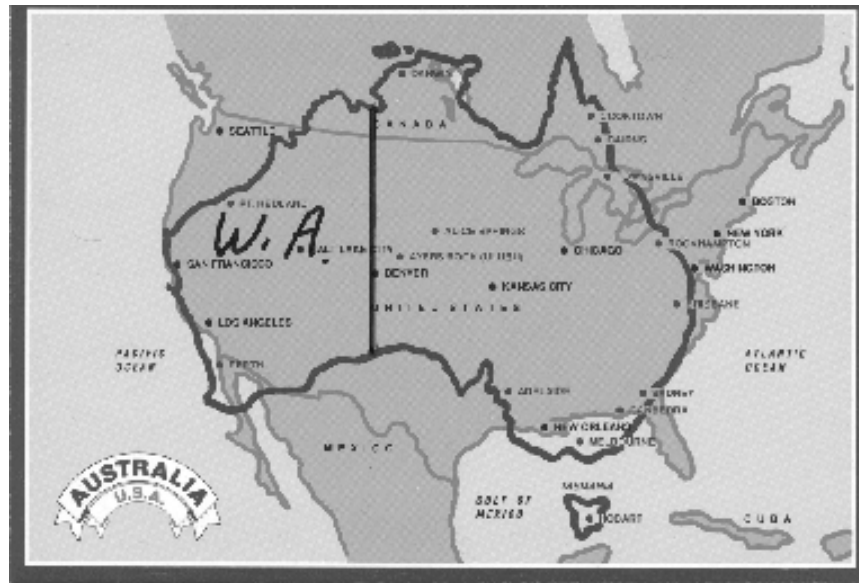
Perth, Western Australia

OVERVIEW

- *Le@rning in an OnlineWorld*
- *National Directions for Australia*
- *State Directions for Western Australia*
- *Case Study- Sevenoaks Senior College*
- *Case Study- Curtin University*
- *Online examples*
- *Conclusion / Discussion*







National level

State level

File Edit View Go Favorites Tools Window Help
 Mon 3 36 28 Internet Explorer
 Address: http://facos.edna.edu.au/content/index.asp

The Le@rning FEDERATION

SCHOOLS ONLINE CURRICULUM CONTENT INITIATIVE

SUPPLIER HOME **WHAT'S NEW?**

In 2001-2006 all States, Territories and the Commonwealth of Australia are collaborating in this initiative-The Le@rning Federation-to generate, over time, online curriculum content for Australian schools. This commitment is built on scoping work completed in 2000-2001.

Content and the quality assurance, market and digital rights frameworks to support that content, will be rolled out from 2001-2006.

This website outlines the progress of the Initiative, provides access to key documents and reports as well as forums and services through which stakeholders and the public can be kept informed of the initiative.

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 Thu 3:00:51 Internet Explorer
 Address: http://www.asprtrial.e2c.wa.edu.au/about_a2c/about_a2c.html

ASP INFRASTRUCTURE TRIAL - FREMANTLE

Department of Education

ABOUT e2c ASP TRIAL

e2c is the new vision for the Department of Education aimed at delivering a new learning model for all students in Western Australia's public school system. The vision known as "Education to Community" (e2c) sets the strategic direction for DOE in Information and Communication Technologies (ICTs) in the K-12 government education community over the next five years.

Details of all of the strategic initiatives that form e2c are provided here in Fact Sheets that can be copied for your information.

[download acrobat reader](#)

PDF DOCUMENTS

- Education to Community (e2c)
- Tranche 1 of e2c
- e2c ASP Infrastructure Trial Project
- Notebooks for Teachers
- Standard Operating Environment

National Level

- National Office for the Information Economy (1999) [*The Strategic Framework for the Information Economy: Identifying Priorities for Action in Australia*](#), through strategic priority directions for
 - People
 - Infrastructure
 - Online content, applications and services
 - Policy and organisational framework
- The [*Schools Online Curriculum Content Initiative \(SOCCI\)*](#) has been set up to deliver the Commonwealth Government's *Backing Australia's Ability: Innovation Action Plan (2001)*. The SOCCI initiative focuses on:
 - the development of a body of Australian digital curriculum content;
 - the provision of a framework to encourage further contributions to the pool of online material;
 - the sharing of online resources between education systems.

State Level

- Through the vision of the Department of Education's [e2c](#) (*Education to Community*) initiative in Western Australia they have planned to deliver:
 - *A world class Education System, bringing the Western Australian Education Community together, online.*
- This vision is designed to facilitate the move of the education community into the new information and knowledge age, in line with the Western Australian Government vision for Government School Education. The strategic outcomes of **e2c** support four major themes:
 - eLearning
 - eBusiness
 - Enabling Infrastructure
 - Access to Information

Case Study One

Sevenoaks Senior College





Sevenoaks Senior College

- Flexible program delivery in a purpose built environment
- Principles and organisational arrangements enhanced through Information and Communications Technologies (ICT)
- Group organisation, key staff and timetabling of Learning Resources with Structured Workplace Learning
- Community links with business, TAFE, Curtin University

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Sevenoaks

Address: http://www.sevenoaks.wa.edu.au/macie_index.html

Community Info

- 🔗 About Sevenoaks
- 🔗 Programs
- 🔗 Career Advice
- 🔗 Staff
- 🔗 Get in Contact

College Info

- 🔗 Virtual Cafe
- 🔗 My Program
- 🔗 College Admin
- 🔗 Virtual Library

Sevenoaks presents a fresh new approach to senior schooling in Western Australia.

Sevenoaks caters for Year 11 and 12 students from across the Perth metropolitan area and is the local school for students from the Cannington and Maddington areas.

The College provides for all students, including TEE, Whole School Assessed subjects and Fast Track programs. Wherever possible we integrate VET (Vocational Education & Training) and SWL (Structured Workplace Learning) into all students' programs.

Sevenoaks Senior College is located at 275 Sevenoaks Street in the Cannington City Centre, right near the Cannington rail and bus stations.


Opens the previous page.

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Decision at Tincurren - Nuclear Technology

Address: http://www.sevenoaks.wa.edu.au/

DECISION AT TINCURREN



TO HAVE or NOT TO HAVE ?

Nuclear Waste in our Backyard

Your Decision **Teaching Outcomes** **Comments**

Internet Explorer

Case Study Two

Faculty of Education
Curtin University of Technology

Curtin

UNIVERSITY OF TECHNOLOGY



The Learning Community

UNIVERSITY

- Lecturer expertise



PEERS

- variety/degrees of knowledge

SCHOOLS

- Reciprocity schools & university

TECHNOLGY

- email
- WWW- resources, lists, chat grps
- WEBCT etc
- Databases
- Network/organisations

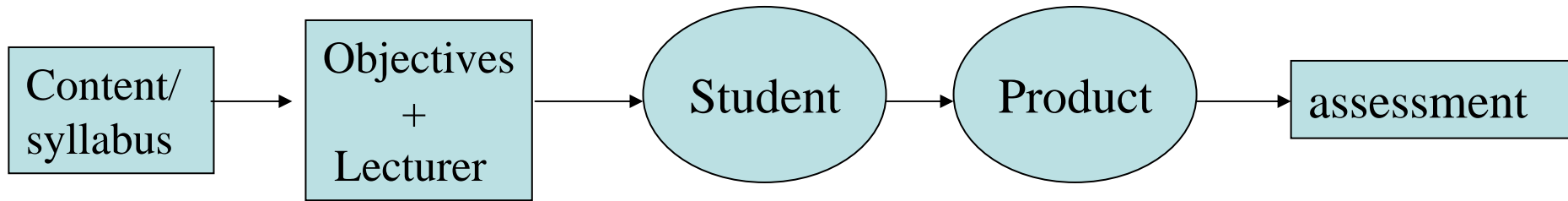
FAMILIES

- support and encouragement

LIBRARIES

- information
- electronic services
- databases

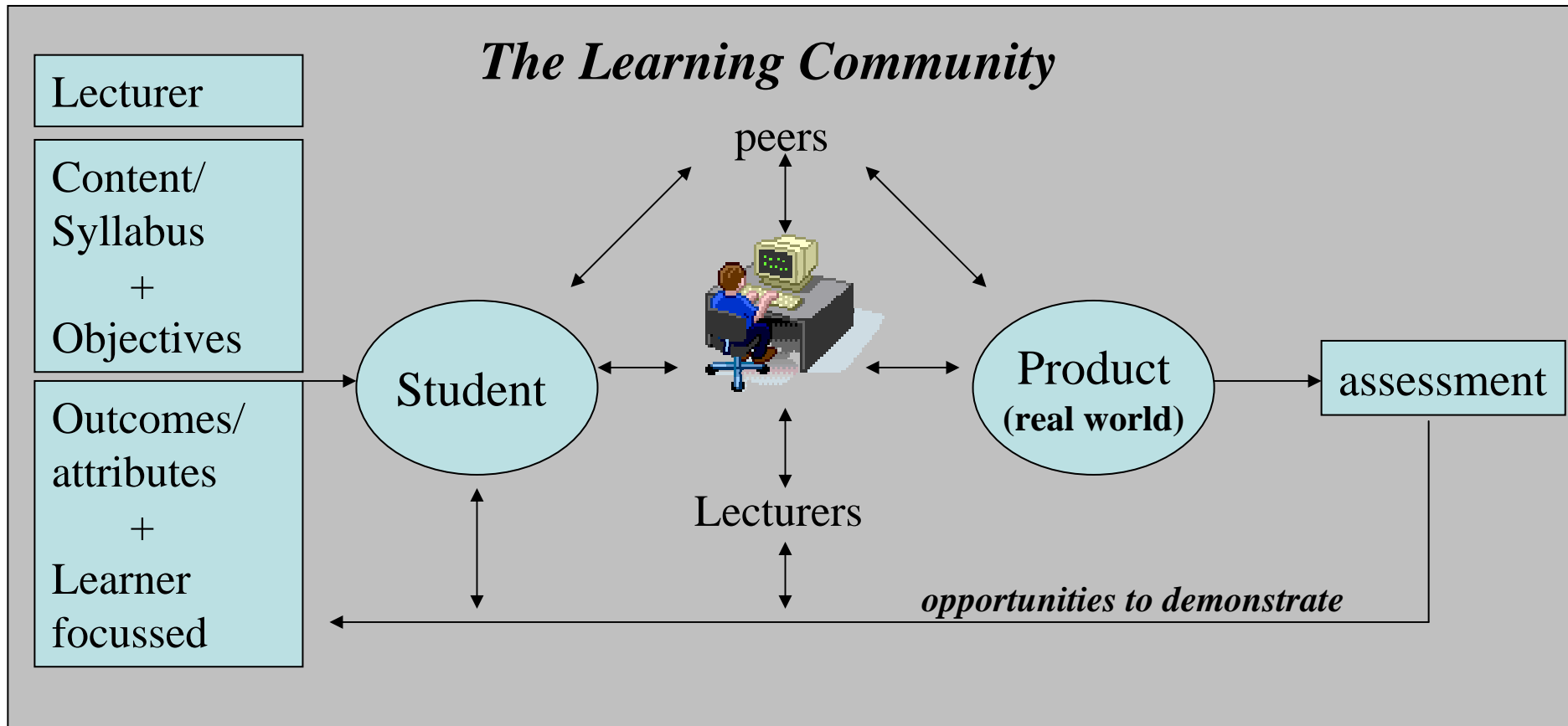
*Does the
traditional learning approach
encompass a learning community?*



The Mediated Learning Approach

MLA

Technology *drives* the model, assessment *drives* the learning



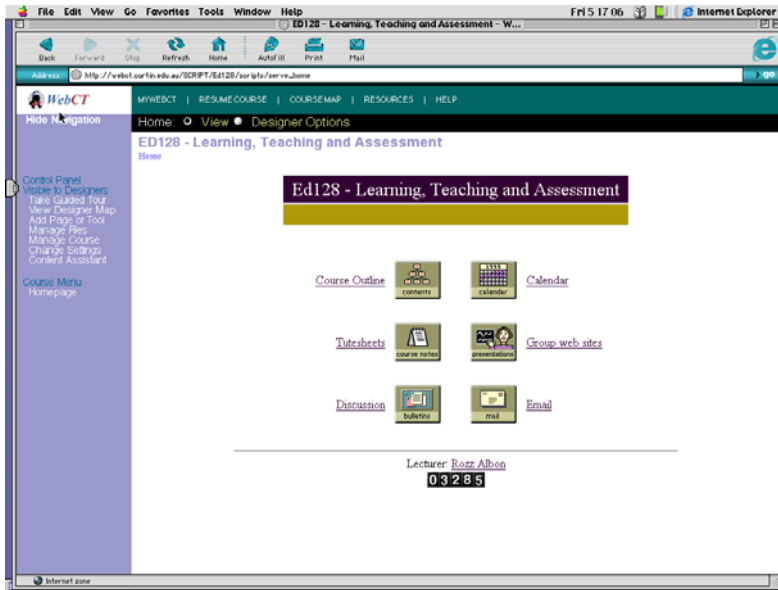
Technology drives the learning

- Technology is the *vehicle* for
 - Communication
 - Collaboration
 - Framework for MLA
 - Authentic tasks, projects or investigations
 - Opportunity for new and self-sustaining communities of learners, large and small, formal and informal
 - Transcends four walls and traditional timeframes
- Extend the *old* and *offers* new possibilities

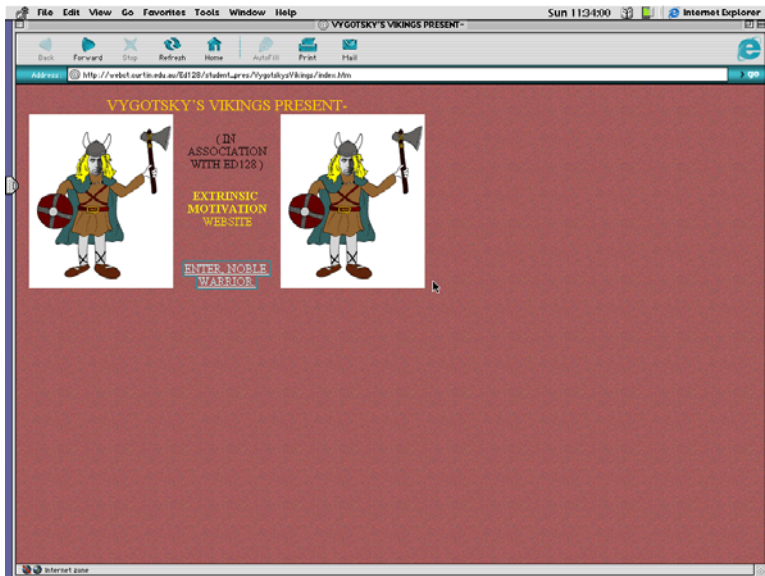
Assessment drives *the learning*

- Assessment is integral to learning
- Developing competency in applying knowledge
- Open-ended, negotiable, educative, explicit, informative and performance-based
- Producing real world product in groups
- Processes include
 - *peer-reviewed forms of presentations,*
 - *reflections,*
 - *student quiz construction,*
 - *interviewing, interpreting and*
 - *applying research findings*
- Seamless and ongoing

EXAMPLES



- Journal of andragogy
- Chapter summary
- Quiz
- Teacher interview
- Video
- Journal articles
- Internet articles/sites
- Links to other topics
- Website – [VIKINGS](#)
- Feedback on websites



Examples of Australian Online Curriculum Content

•
Junior Primary Module: The Butterfly Life Cycle -

- <http://www.stradsch.sa.edu.au/miers>

Elementary/Primary Module: Aboriginal Studies -

<http://www.teachers.ash.org.au/wattle/abstuds/index.htm>

Senior School Module: Nuclear Technology - Decision at Tincurren -

<http://sevenoaks.wa.edu.au/nuke>

Discover Tasmania Online -

- <http://www.discover.tased.edu.au/netlearn/course1st.htm>

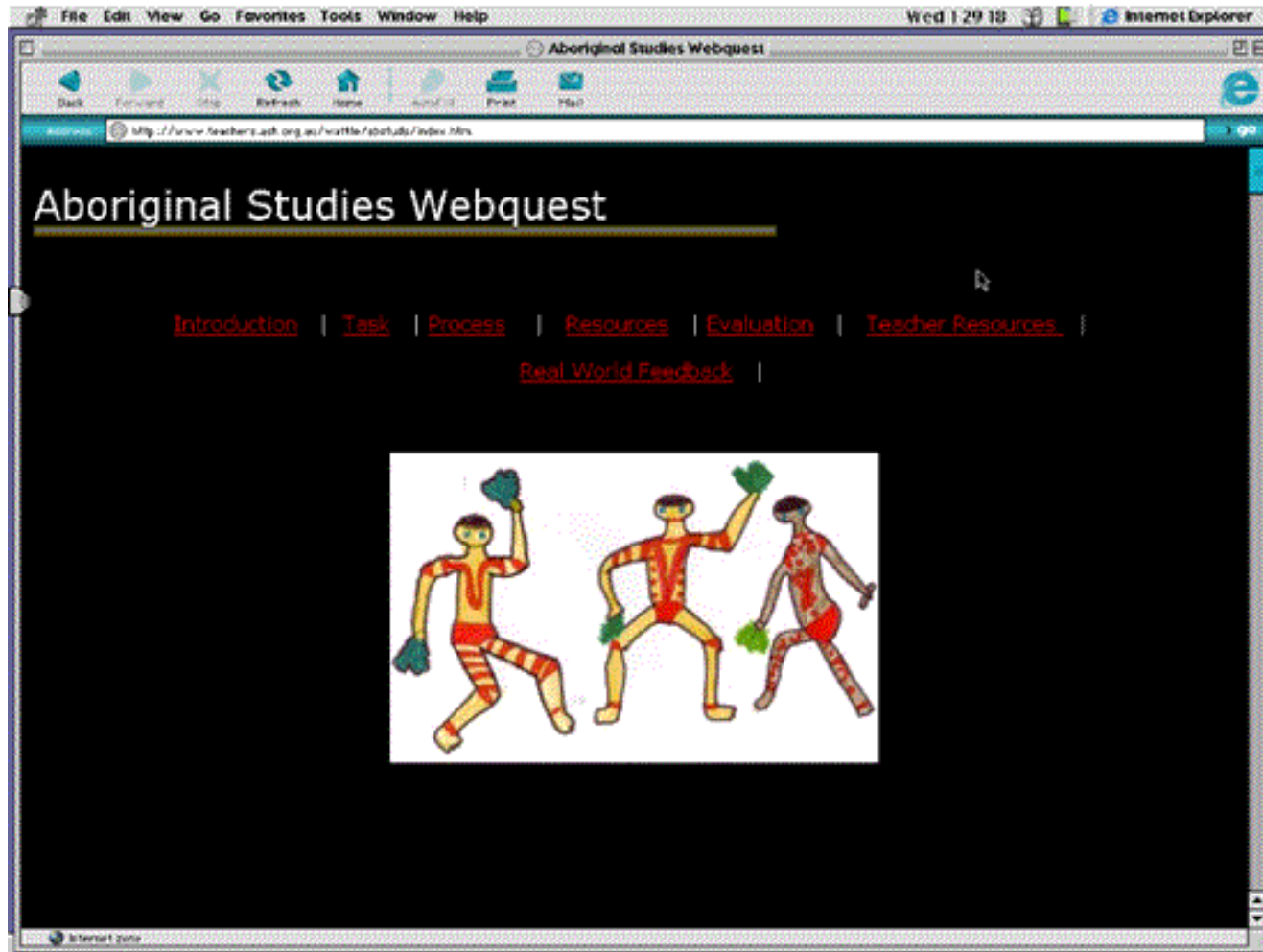
Students with disabilities: Truvision –

<http://www.elearn.wa.edu.au>

- Junior Primary Module: The Butterfly Life Cycle -
- <http://www.stradsch.sa.edu.au/miers>



Elementary/Primary Module: Aboriginal Studies -
<http://www.teachers.ash.org.au/wattle/abstuds/index.htm>



The screenshot shows an Internet Explorer browser window titled "Aboriginal Studies Webquest". The address bar displays the URL "http://www.teachers.ash.org.au/wattle/abstuds/index.htm". The page content includes a main heading "Aboriginal Studies Webquest" and a navigation menu with the following links: [Introduction](#), [Task](#), [Process](#), [Resources](#), [Evaluation](#), [Teacher Resources](#), and [Real World Feedback](#). Below the navigation menu is an illustration of three stylized Aboriginal figures in traditional body paint, depicted in a dynamic, dancing pose. The browser's status bar at the bottom indicates "Internet Explorer" and "Wed 1 29 18".

Senior School Module: Nuclear Technology - Decision at Tincurren - <http://sevenoaks.wa.edu.au/nuke>

The screenshot shows an Internet Explorer browser window with the following elements:

- Browser title bar: "Decision at Tincurren - Nuclear Technology"
- Address bar: "http://sevenoaks.wa.edu.au/nuke/"
- Navigation buttons: Back, Forward, Stop, Refresh, Home, AutoFill, Print, Mail
- Main content area:
 - Header: **DECISION AT TINCURREN**
 - Image: A grayscale photograph of a street scene with a large building on the left and a power line on the right. A red radiation symbol is overlaid on the left side of the image.
 - Text: **TO HAVE or NOT TO HAVE ?**
 - Text: **Nuclear Waste in our Backyard**
 - Three red ovals at the bottom, each with text below it:
 - Left oval: *Your Decision*
 - Middle oval: *Teaching Outcomes*
 - Right oval: *Copyright*
- Status bar: "Internet 2004"

- Discover Tasmania Online -
- <http://www.discover.tased.edu.au/netlearn/coursest.htm>

The screenshot shows a web browser window titled "Online Module Listing" in Internet Explorer. The address bar shows the URL: <http://www.discover.tased.edu.au/netlearn/coursest.htm>. The page features a green header with the "Discover" logo and the text "Online Modules". A navigation menu on the left includes "Search", "Contacts", "Contribute", "Forum", and "Site Map". Below the header, there is a section titled "Quick find directory" with a link to "Module Enrolment and Delivery Information". The main content area contains a paragraph explaining that the modules are quality assured and available for professional development. It lists several categories of modules: "Open-IT Modules", "Templates", "Professional Development Modules", "Teacher Developed Modules", and "e-Learning Exchange". Under "Templates", it lists "Online Classroom" and "Template for Online Classroom in the Discover Online School". Under "Professional Development Modules", it lists "Introduction To Online Learning", "Design an Online Module", and "Online Assessment". Under "Teacher Developed Modules", it lists "Introduction To Online Learning", "Design an Online Module", and "Online Assessment".

Students with disabilities: TruVision –
<http://www.elearn.wa.edu.au>



Educ@tional soundness

- the most appropriate measure of pedagogical quality of online curriculum content, reflects established principles of what constitutes good practice in the planning, design, development, evaluation and use.
- Does the online content:
 - -Involve learners as active participants
 - -Scaffold learning
 - -Ensure learning is manageable for learners
 - -Ensure learning activities have integrity, reliability and rigour
 - -Cater for different learning styles and special needs of learners
 - -Connect with the world outside the classroom

» (*SOCCI Phase Two Plan 2001-2006*, p. 16-18)

Quality on the Line: Benchmarking Study

What does constitute good online learning?

There are many factors that can influence the learning experience:

- ***Infrastructure.***
- ***Quality of content and assessment.***
- ***Quality of learner support systems.***
- ***Assumptions made by learners and facilitators about the learning experience itself.***
- ***Educational design.***
- ***Peer support networks for learners and facilitators.***
- Careful design of quality online learning materials along with learner support and learner activity will encourage deep and more meaningful learning online.

Discussion Questions?

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Paper is online @ <http://www.schools.ash.org.au/strinidad/hongkong.html>