connections

In this issue...

Bollards to you too: ASLA XVI conference report

This report is based on observations by Nigel Paull, Wendy Smith and Keith Gove.

'To say that Geelong is a long way from Tamworth is, of course, stating the obvious. It takes a rather large incentive to get me to travel such a distance, particularly in the school holidays.' So said Wendy Smith. Many other participants who made the pilgrimage to the 16th Australian School Library Association (ASLA) conference, held recently in Geelong at the historic Deakin University Woolstore's campus, were of the same mind. For Wendy the incentive was the invitation to present a paper. Over 500 Teacher Librarians from all Australian states and territories, New Zealand, Singapore, Canada and the USA found other good reasons to make the pilgrimage.

With almost a hundred presentations and workshops to choose from, participants had a diverse selection of sessions to attend. Comment from colleagues showed they enjoyed the coverage of topics and they found them to be informative, reflective, creative, challenging and convincing.

Several themes of the Conference were relevant to issues facing SCIS. While some Teacher Librarians may be concerned about their future in the digital age, several sessions stressed the increasing, rather than decreasing, role of Teacher Librarians. Such roles were described as information managers or mediators, navigators, even 'cybrarian' (thanks to Pam Berger, keynote speaker from the USA). Whether individuals take up the

challenges inherent in such new roles is in their own hands. One speaker, Mal Lee, offered Teacher Librarians a strategy for preventing their decline into 'endangered species' status. Other speakers echoed the unique position Teacher Librarians have as the initiators of change within their schools.

Pam Berger introduced us to Socrates, a student of the year 2010, who is equipped with a full range of digital equipment and communicates with his learning community across the world. Pam emphasised the need for Teacher Librarians to support the teachers of these students in collaborative and collegiate learning groups by developing the skills of analysis and evaluation of the vast and chaotic mass of information available on the World Wide Web.

Several sessions raised the question of whether or not to catalogue Internet sites. On the one hand, cataloguing provides control over the digital resources, as with physical resources, allowing sophisticated search strategies. But, on the other hand, such structure may reduce students' learning opportunities gained by exploring the Internet. The SCIS service is currently still deliberating whether to catalogue Internet sites or not.

The SCIS Oration by Professor Denise Bradley introduced a moral dimension. Rather than the approach of other keynote speakers, who asked 'Here is the technology, what can we do with it?', Denise asked us to consider the questions 'What sort of society

Welcome to 1999

Welcome to the first edition of Connections for this last year of the millennium. What will the next one bring? I am not silly enough to try to predict. But I find an interesting litmus test for social and political issues is to ask: What will people in 2099 think of our era? By what good deeds would we wish to be judged? I fear that some recent developments in Australian society will not be regarded very highly.

For SCIS, though, it is already the beginning of a new age. Last year was a transition year. We introduced the two new SCIS products, SCISWeb and SCISCD, while maintaining customer access to most of the existing products. In 1999 we will be offering only SCISWeb and SCISCD, enabling us to further simplify the operating environment of the service and create greater reliability and cost effectiveness. This 'new' SCIS service is now well and truly bedded down. The new products have proven to be reliable and easy to use. We have upgraded the Voyager software (on which SCIS is based) to the latest version, joining over 350 Voyager customers worldwide, including organisations such as Auckland and Monash Universities, the US Library of Congress, the National Library of New Zealand, and the National Geographic Society. This well-supported infrastructure will enable SCIS to continue to provide customers with 'world best' services.

In 1999 we will be building on our solid base to provide further services to nearly 7,000 SCIS subscriber school communities – almost 70% of all Australian schools!

This year we will be focusing on the SCIS Subject Headings. We will undertake a major review of the Subject Headings List, looking at content and applicability for use within online metadata standards, such as EdNA. This will lead to an updated edition of the Subject Headings publication, as well as electronic versions. Metadata is a growing area of interest both nationally and internationally, but it is often accompanied by much hype and jargon for what are essentially simple ideas. We will publish articles in *Connections* throughout 1999 dealing with these issues.

We will also be examining ways of enriching both the scope and depth of SCIS records. A national project is underway to examine the costs and benefits of creating SCIS cataloguing records for selected Internet sites. We will also explore the costs and benefits of including additional details (such as reviews or tables of contents) to enrich the SCIS data for bibliographic search purposes. The results of this work will be reported in *Connections*.

We are very keen to hear your thoughts about these possible developments of SCIS.

Our team

For 1999 we have several changes to the SCIS team at Curriculum Corporation. Ellen Paxton, the National Cataloguing Coordinator, left us during 1998. We are pleased to welcome Cherryl Schauder to take her place, bringing with her a wealth of cataloguing, indexing and metadata experience and knowledge. Tricia Nathan continues in marketing and customer support. Jan Matthews provides technical support, product development and liaison with library automation suppliers. Maxine Campbell undertakes SCIS database maintenance and coordinates production processes. Keith Gove continues to manage the SCIS Unit within Curriculum Corporation.

The management of information is a crucial task for any organisation. It is particularly important for those involved in education. This task is made more demanding by the recent explosion of information resources and sources. Our aim is to support schools in this work. As well as our core SCISWeb, SCISCD and Subject Headings products we sponsored the SCIS Oration at the ASLA XVI Conference (see reports on page 1 and below). We are pleased to offer several new products (barcode scanners and modems: see details on page 3) to assist Teacher Librarians.

We hope that we can help make your transition to the forthcoming millennium as painless as possible.

Keith Gove
Manager, Information Services
Curriculum Corporation

ASLA XVI Conference

All SCIS staff attended ASLA's 'Bytes, Books and Bollards by the Bay: Information management for the third millennium' Conference, held in Geelong in January 1999. It was an excellent opportunity for us to represent Curriculum Corporation and also be involved in the various sessions as part of our ongoing individual professional development in the field of librarianship.

Our expectations were certainly met as it proved to be an enlightening conference with keynote addresses and a wide range of exciting and thought-provoking workshops. The highlight for the SCIS team was the excellent opportunity to meet face-to-face with people who we usually only speak to on the telephone. The feedback received will be invaluable in assisting us to continue to deliver an outstanding service for all Teacher Librarians across Australia.

SCIS provided sponsorship for a keynote speaker, Professor Denise Bradley, the Vice Chancellor and President from the University of South Australia. She delivered the SCIS oration on the topic 'Working partnerships: Schooling, libraries and the information age'.

We highly recommend attending the ASLA conference as an excellent opportunity for professional development for Teacher Librarians. We hope to see many more attending the next ASLA conference, to be held in Queensland in 2001.

▤ CC News

SCIS products available

Curriculum Corporation has the following products available for use in libraries. To order please send a cheque with an official school purchase order form.

Banksia Wave Modem
Curriculum Corporation, in cooperation with All Barcodes Australia, is able to offer customers the purchase of a Banksia Wave Modem (56,600 Kbps), an external modem, which is available for use with IBM compatible and Macintosh computers.

Cost: $350.00

Barcode Scanner
Curriculum Corporation, in cooperation with All Barcodes Australia, is able to offer customers the purchase of a Cipher Lab fixed scanner (includes a three-year warranty). The scanner can be used in conjunction with SCIS subscription products and enables ISBNs to be scanned rather than entered manually.

Cost: $310.00

Portable Barcode Scanner
Curriculum Corporation, in cooperation with All Barcodes Australia, is able to offer customers the purchase of a Cipher Lab portable barcode scanner (includes a one-year warranty). The scanner can be used in conjunction with SCIS subscription products and enables ISBNs to be scanned rather than entered manually. It is especially useful for schools who wish to add resources to the library software system that are

not housed in the main library collection, such as reading materials, teacher reference and subject collections. There is no need to move materials to the library to be added to the system. This portable unit is great for use during a stocktake of the collection.

Cost: $599.00

Learning for the Future: Developing information services in Australian schools
This primary and secondary professional resource was compiled by Australian School Library Association and Australian Library and Information Association. The book sets the context for the development of library and information services in Australian schools. It presents benchmarks against which schools can evaluate current provisions for developing information literacy. It identifies the Teacher Librarian and the services of the school library resource centres as key factors in the attainment of the goals of education, the delivery of nationally agreed student learning outcomes and the development of key competencies.

Cost: $19.95 plus $6.00 postage

Forthcoming SCIS products available in 1999

SCIS Subject Headings, 4th edition
The SCIS Subject Headings book is currently being reviewed. Later in 1999 an updated edition of the print publication will be

available. It will include new subject headings and amendments to existing headings. It is an essential tool for all Teacher Librarians to ensure consistent and accurate subject headings in their library catalogues.

Cost: to be announced.
Check the catalogue on the SCIS Website:
http://www.curriculum.edu.au/scis/catalog/webupdat.htm

SCIS Subject Headings (electronic lookup version)
This is an electronic version of the book that enables searching of subject headings.

Cost: to be announced.
Check the catalogue on the SCIS Website:
http://www.curriculum.edu.au/scis/catalog/webupdat.htm

1999 SCIS Subject Headings Authority File On Disk
This is a new edition of the complete listing of approximately 150,000 SCIS subject headings with cross references. It consists of a floppy disk, which is designed for use in the cataloguing module of your library automation system. Make sure to check compatibility with your library software supplier before ordering the product. This is the latest version of the existing Subject Headings On Disk.

Cost: to be announced.
Check the catalogue on the SCIS Website:
http://www.curriculum.edu.au/scis/catalog/webupdat.htm

CC News (Cont.)

Subscription reminder

Almost 7,000 schools have already subscribed to SCISWeb or SCISCD for 1999. SCIS subscription reminder notices have been sent to all schools with no current subscription for this year. If you require a SCIS subscription order form please contact SCIS.

If you are unsure about which product to select, contact SCIS Customer Support to arrange a preview of SCISWeb. Alternatively, discuss the benefits of using SCIS products with other Teacher Librarians and possibly arrange to preview their copy.

Important copyright issues

A school's curriculum policy documents should ensure that students and staff are aware of copyright issues. Ian McDonald, Legal Officer of the Australian Copyright Council made the following points in a presentation at the ASLA Conference on 21st February, 1998.

'Building ethical communities is the role of Teacher Librarians and schools ... Schools do

not expect to get free paper (ie physical property) hence schools should not expect to get intellectual property free ... Teacher Librarians must manage the risks by checking licence agreements and ensuring that it is under control whilst using the product ...

The three principles of copyright are:
- Matter created by the brain may be aired.
- Those who create such matter should be rewarded.
- Thou shalt not steal.'

Any Curriculum Corporation products purchased for use in a school are subject to copyright laws. This includes SCIS products such as *SCIS Subject Headings* and SCIS bibliographic data obtained indirectly from a third party such as a library system vendor, agent or book supplier. As the legal liability for use of this data lies with schools, schools must ensure that when the data is supplied it is done so as part of a *current* licensing arrangement the school has with Curriculum Corporation. Similarly the unlicensed copying or downloading of SCIS records from a web-

enabled school library catalogue is also a breach of copyright. Schools with web-enabled library catalogues may wish to forewarn of a potential breach of copyright thereby protecting their own intellectual property as well.

SCISWeb customers must read the Copyright Licence Agreement document, which is to be found at: http://www.curriculum.edu.au/scis/scisprod/weblicen.htm

SCISCD customers must read the Copyright Licence Agreement document, which is included in the manual that is dispatched with first issue of SCISCD for 1999.

On the Curriculum Corporation Website, customers should note that there is copyright on the information available in the other nine links on the SCIS page. However, we do allow free copying and distribution of this information as long as Curriculum Corporation is properly acknowledged.

Bollards to you too: ASLA XVI conference report (Cont.)

do we want?' and 'What future do we want to create?'. She suggested ways in which Teacher Librarians may assist their schools and surrounding communities to develop learning communities of moral and ethical citizens.

Two other keynote speakers, Richard Neville and Frances Awcock, both highlighted the ways in which libraries represent and are custodians of local and national culture. They touched on what this might mean for school libraries. Separate sessions by Keith Gove (Curriculum Corporation) and Ashley Freeman (Charles Sturt University) identified the centrality of subject headings in providing a structure for searching, and, in a sense, a codification of Australian knowledge and culture. Suggestions were made for

modifications to the SCIS Subject Headings.

In some ways the image of the future painted by some of the speakers was daunting. How can Teacher Librarians apply their valuable traditional skills and knowledge to the new digital networked world? Several speakers stressed the need to focus on key tasks, such as information literacy programs and other curriculum-related work, and to outsource non-key tasks such as cataloguing. There is a neat parallel between the lifelong learning skills needed by Teacher Librarians for their own professional development, and the skills they should be assisting their school to impart to its students.

The promise of the Conference program was met in many ways. The range and quality of

presenters offered was sufficient to interest and enthuse all participants. The trade fair was varied and topical. The venue was functional, yet architecturally appealing.
And the interaction among participants was, of course, stimulating and vital. In addition to the knowledge and skills gained, we also enjoyed the social functions, catching up with colleagues, broadening those ever-important networks, and walks by the bollards on the bay that were such a central symbol of the conference. Congratulations to the organisers for a successful conference.

Nigel Paull, Editor

Wendy Smith, Teacher Librarian at Tamworth Primary School

Keith Gove, Curriculum Corporation

Internetting Corner

These sites can be easily accessed on the Internet via the hypertext links found on Curriculum Corporation's *Connections* site for Issue No. 28.
http://www.curriculum.edu.au/scis/connect/connect.htm

A Walk Through Time
http://physics.nist.gov/GenInt/Time/time.html
Developed by the US National Institute of Standards and Technology, this website highlights the evolution of time measurement from the first calendars based on the moon and stars, through to mechanical clocks and the latest atomic clocks.

AfriCam
http://www.africam.com/
Bookmark this site for students who like to browse. It sends updated pictures every 30 seconds from several game reserves in South Africa. Users can view a variety of wildlife at watering holes, talk to rangers, and read news or stories.

AUSFACTS
http://www.auslig.gov.au/facts/facts.htm
A variety of useful geographic facts and figures about Australia are available from this Commonwealth government website. It contains various maps, statistics, and information regarding land tenure and landforms.

Education Journal Annotations
http://www.soemadison.wisc.edu/IMC/journals/anno_AB.html
If you are looking for educational journals, this site, which is updated regularly, has an extensive annotated list of current educational journals for K–12 teachers. Internet links are provided for those journals with a web presence.

Environmental Monitoring of Australia from Space
http://www.erin.gov.au/land/monitoring.html
Emanating from the Commonwealth Department of Environment and Heritage, this website includes satellite data images and maps of Australia's vegetation cover, analysis of the ravages of flood, fire and drought, and comparative image archive data of seasons.

Eureka Stockade
http://www.ballarat.com.au/eurstock.htm
This site is useful for teachers planning an excursion to Ballarat with a focus on the Eureka rebellion. The website contains background information about the uprising, along with information about Ballarat, the Eureka Trail and the new Eureka Centre.

Great Plant Escape
http://www.urbanext.uiuc.edu/gpe/index.html
Detective LaPlant has several mysteries to solve in the plant world and he needs the assistance of primary students to do this. This is an engaging plant science-based site, which incorporates several other subjects.

Info Zone Research Skills Area
http://www.mbnet.mb.ca/~mstimson/
Information skills applicable to most areas of research are highlighted and then reinforced for students on this website. The site also contains scores of subject links that students and teachers can investigate for content worth.

Kids Web Japan
http://www.jinjapan.org/kidsweb/
Most aspects of Japanese culture, geography and daily life are explored on this comprehensive site, which will intrigue students in primary and lower secondary schools. Students will be particularly interested in the recipes, games and Language Lab.

Mitchell Library Bookmarks
http://www.slnsw.gov.au/plb/ml/mlhome.htm
The State Library of NSW has a veritable treasure trove of links to topics including flags, Federation, electronic journals, genealogy, calendars and various awards.

Tech Museum – The Satellite Site
http://www.thetech.org/exhibits_events/online/satellite/
This amazing site explains what satellites are, what they do and how they communicate, complemented by animated sequences. An interactive program allows users to build three different types of satellites.

Telstra Corporation: Education Development Unit
http://www.telstra.com.au/prod-ser/educdocs/
Telstra offers information about its free educational resources about telecommunications for both primary and secondary teachers and students. Corporate information sheets are available for secondary students.

Young Scientists of Australia
http://www.ysa.org.au/
Aimed at promoting science to both secondary and university students, this site contains links to other science-related organisations and information on Young Scientists of Australia activities.

Wazza's School Technology
http://www.ozemail.com.au/~wazmac/tech.html
Although dealing specifically with technology issues in NSW state schools, most of the information available on this site deserves a wider audience. Topics of particular relevance to Teacher Librarians include: 'School computer networks'; 'Setting up a school intranet'; 'School technology planning'; and 'Sharing your Internet connection over several machines'.

Whereis
http://www.whereis.com.au/search.asp
Whereis, the forerunner of an interactive atlas of Australia, is an online street directory (jointly owned by Universal Press and Telstra) which currently features Melbourne, Adelaide, Sydney, Geelong, Perth, Brisbane, the Gold Coast and the Sunshine Coast.

Nigel Paull, Editor
paull@turboweb.net.au

Reviews

◆ Book ● CD ◆ Video ▤ Report

Title: *Understanding Australia: The land and its people*

Level: **Upper primary**
Publisher: Department of Education Victoria
RRP: $85.00
ISBN: 1 87597 205 6
SCIS Order Number: 919614
System requirements: Windows and Macintosh compatible. 486DX/33MHz IBM compatible PC, Windows 3.1 or 95, 8MB RAM, 256-colour monitor, CD ROM drive. Colour Macintosh, 8 MB RAM, 256-colour monitor, CD ROM drive.

Review: Produced by the Department of Education Victoria, this CD ROM provides information about Australian history, geography, culture, economics, and political and legal systems. The ten topics addressed include Gondwana, ancient times, sailing ships, transportation, gold and minerals, settlers, wars, near neighbours and reconciliation. The program is easy to navigate and on-screen instructions are clear. Narrators' voices are clear and well modulated and the graphics are of a high standard. A useful resource for topics on Australia, this CD ROM provides up-to-date information, while developing students' online search skills.

Reviewed by Gwenyth Carver, Education Department of WA
First published in *Primary Focus Non Fiction* 1998, p 101.

This product is available from:
Curriculum Corporation
Tel: (03) 9207 9600
Fax: (03) 9639 1616
Email: sales@curriculum.edu.au

Title: *Moving School: A guide for families, employers and schools*

Level: **Primary and secondary**
Publisher: Curriculum Corporation
RRP: $16.95
ISBN: 1 86366 401 7
SCIS order number: 931412

Review: *Moving School* is an invaluable and practical resource for everyone involved in the transfer of students between schools in Australia: students, their families, schools and employers. It is organised in easily-identified sections offering advice and information:

- on the issues associated with moving schools and the impact of the process on students and their families;
- about the most common difficulties for students moving interstate – school entry, transition points, differences in senior years, appropriate year-level placement, handwriting, and catering for children with special needs;
- for families on choosing a school, timing the move, providing the right information to the new school, who to talk to and who to ask for;
- for employers on how to assist employees and to understand and consider their families needs; and
- for schools on ways to assist parents and students in the transition and on sharing information.

Moving School contains useful checklists for each group, tables and charts which show the variations in the structure of schooling and the different terms used in the various systems. It also provides the latest contact points for the State and Territory government education authorities, and a list of teenage fiction and picture books about moving, suitable for all ages.

Moving School was funded by the Commonwealth Department of Employment, Education, Training and Youth Affairs (DEETYA).

Review reprinted with permission from Sue Kroemer, NT Department of Education.

This product is available from:
Curriculum Corporation
Tel: (03) 9207 9600
Fax: (03) 9639 1616
Email: sales@curriculum.edu.au

▤ Ireton, T, 'Digital cameras – school buyers' in *School PC Australia*, November 1998, pp 30–33.

If you are contemplating purchasing a digital camera for school use in the near future, you should read this article. The article succinctly explains what features to look for when comparing cameras. It has a handy section dealing with the jargon and acronyms that are used in digital imaging. The models tested are all between $400 and $1000 and are both PC and Mac compatible. The author lists the pros and cons of each of the five models tested and gives individual overall value ratings. Links to the websites for the manufacturers or distributors for each model are included.

▤ Jones, J, 'Isolated no longer: Internet solutions at Moree Technology High School' in *Scan*, 17(4), November 1998, pp 33–35.

Jill Jones, Teacher Librarian at Moree Technology High School, outlines how computer technology, and in particular the Internet, has diminished the isolation of this school 800 kilometres north west of Sydney. By embracing the Internet and email, and integrating them into the curriculum, teaching and learning have been enhanced. She outlines the implications in successfully using and promoting the Internet for the Teacher Librarian, types of projects undertaken that integrate the Internet into their structure, and the continuum of skills that are necessary for both staff and students to successfully use the Internet.

▤ Wigan, P, 'Curriculum change and electronic information: Impact on the role of the Teacher Librarian in Victorian secondary schools' in *Access*, 12 (4), November 1998, pp 28–30.

A welcome addition to *Access* is 'The research window'. In this issue the timely and significant research undertaken by Pauline Wigan into the changing role of the Teacher Librarian is featured. Wigan sought to specifically investigate the changing Teacher Librarian's role, brought about by the introduction of the Victorian Certificate of Education and Curriculum Standards Frameworks and the growth in importance of electronic resources in Victorian secondary schools. Her research centred on the degree to which Teacher Librarians have assimilated and accepted these changes. Among the results, she found that Teacher Librarians were slowly embracing the roles being advocated in current professional literature. She concludes that one of the implications of this is that they must become more proactive in meeting the challenges offered by information technology.

Nigel Paull, Editor

What's New?

Schools Catalogue Information Service Standards for Cataloguing and Data Entry

Curriculum Corporation has published a new edition of this book, which is used by the cataloguers in the SCIS Cataloguing agencies around Australia to ensure consistency when adding bibliographic records to the SCIS database. Accurate cataloguing of the resources not only provides an orderly structure for the collection but also enables users to locate the materials they need. These standards are based on international cataloguing and classification standards and have been applied in appropriate ways to meet the needs of Australian students. Consistency of standards is essential for the maintenance of any cataloguing service and these standards are decided after consideration by the cataloguing agencies. The standards are kept under review and are revised as the information itself and the needs of schools change.

(Publication not yet available for purchase.)

Computers, Research and Students: A Survival Kit for Teachers and Parents

This is a professional development package written by Karen Visser and Jill Johnson and published by Australian School Library Association, ACT, which assists Teacher Librarians in presenting workshops to teachers and parents. This 'train the trainer' kit focuses on strategies for carrying out research projects in an electronic information environment, in such a way that student projects exemplify not 'cut and paste' or plagiarism, but authentic and meaningful learning experiences. This product was awarded the International Association of School Librarianship SIRS Commendation Award for 1998.

Cost: $30.00 plus $5.00 postage and handling
Available from: Australian School Library Association Australian Capital Territory
PO Box 25
Griffith ACT 2603
For further details please email
asla_act@hotmail.com

Research Service for Children's Literature

The Children's Literature Collection at the State Library of Victoria offers a free research service for all inquiries about historic and contemporary children's books. Using the full resources of the State Library of Victoria they are able to consult indexes on electronic and traditional book format to pursue inquiries in any genre of children's literature. The service is free. If copies of articles are requested in association with a research inquiry, then photocopying charges apply. Exhibitions are regularly mounted using the items from the collection. They are available in full text on the Internet at: http://www.slv.vic.gov.au/slv/children/

If you would like to be included on the mailing list for notification of forthcoming events, call 03 9669 9719, or email julietoc@newvenus.slv.vic.gov.au.

Online Reference Database

Electric Library Australasia is a specially targeted education edition of the US *Electric Library*. Promoted as a complete online reference database, the user simply logs onto the *Electric Library Australasia* site then has access to a vast amount of data. The data available is gathered from newspapers and newswires, journals and magazines, books, TV, radio and government transcripts and maps and pictures. Over 4.6 million *full* text articles are currently available, with data archived for up to 12 years.

Students can stay within this vetted, proprietary database if the school administrator desires. Searching is quite simple, using either natural language or Boolean searching, and is at an appropriate level for most students. The site provides extensive guides for effective searching and selecting appropriate source types.

Daily satellite and electronic links to the USA maintain currency of material. Because the source material has only a small amount of Australian content, the results of searches regarding Australian topics, such as state politicians, or bushrangers, yields correspondingly few results. Apparently, steps are in motion to add local newspapers and news services, magazines and books early this year. Log on to *Electric Library Australasia* and assess the database for yourself, using the free 30-day trial being offered.

Cost: Primary schools from $349
Secondary schools from $750
Available from:
Infosentials
405 Riversdale Rd
Camberwell Vic 3124
Tel: 1800 039098
http://www.elibrary.com.au

Nigel Paull, Editor

ASLA XVI Conference Papers

ASLA XVI Conference Papers are available from:

ASLA Secretariat
C/- SLAV
Statewide Resource Centre
217 Church St
Richmond Vic 3121
Tel: 03 9428 4173
Fax: 03 9427 8270
Email: slav@netspace.net.au

Cost: $75

![logo] Cataloguing News

New, Amended, Replaced Subject Headings 1999

Below is a list of new and amended subject headings created at recent meetings of the national SCIS Cataloguing Agencies.

Existing headings which have been altered as a result of decisions made by the Agencies are identified by **.

ADULT EDUCATION ** (Addition)
See also LIFELONG LEARNING
XX   LIFELONG LEARNING

AGRICULTURAL ECOLOGY** (Addition)
See also SUSTAINABLE AGRICULTURE
XX   SUSTAINABLE AGRICULTURE

AGRICULTURE** (Addition)
See also SUSTAINABLE AGRICULTURE

AGRICULTURE - ENVIRONMENTAL ASPECTS ** (Addition)
See also SUSTAINABLE AGRICULTURE
XX   SUSTAINABLE AGRICULTURE

Agriculture, Sustainable
See **SUSTAINABLE AGRICULTURE**

Bribery
See **CORRUPTION**

Business corruption
See **CORRUPTION**

CONSPIRACIES ** (Addition)
XX   CORRUPTION

CONTINUING EDUCATION** (Addition)
See also LIFELONG LEARNING
XX   LIFELONG LEARNING

Corrupt practices
See **CORRUPTION**

CORRUPTION
Use for work on corrupt practices by organisations or individuals, especially involving bribery or the granting of favours.
See also CONSPIRACIES
x   Bribery; Business corruption; Corrupt practices; Corruption in politics; Graft in politics; Political corruption; Politics, Corruption in
XX   CRIME; ETHICS

CORRUPTION IN POLITICS ** (Replacement)
[Replace heading and references]
Corruption in politics
See **CORRUPTION**

CRIME** (Addition)
See also CORRUPTION

EDUCATION** (Addition)
See also LIFELONG LEARNING

ETHICS** (Addition)
See also CORRUPTION

Graft in politics** (Replacement)
[Replace See CORRUPTION IN POLITICS]
See **CORRUPTION**

LAND USE ** (Addition)
See also SUSTAINABLE AGRICULTURE
XX   SUSTAINABLE AGRICULTURE

Learning, Lifelong
See **LIFELONG LEARNING**

Lifelong learners
See **LIFELONG LEARNING**

LIFELONG LEARNING
See also ADULT EDUCATION; CONTINUING EDUCATION
x   Learning, Lifelong; Lifelong learners
XX   ADULT EDUCATION; CONTINUING EDUCATION; EDUCATION

LOBBYING** (Deletion)
[Delete See also CORRUPTION IN POLITICS]
See **CORRUPTION**

Political corruption** (Replacement)
[Replace See CORRUPTION IN POLITICS]
See **CORRUPTION**

POLITICAL CRIMES** (Deletion)
[Delete See also CORRUPTION IN POLITICS]

POLITICAL ETHICS** (Deletion/Addition)
[Delete See also CORRUPTION IN POLITICS]
x   Political scandals

Political scandals** (Replacement)
[Replace See CORRUPTION IN POLITICS]
See **POLITICAL ETHICS**

Politics, Corruption in** (Replacement)
[Replace See CORRUPTION IN POLITICS]
See **CORRUPTION**

POLITICS, PRACTICAL** (Deletion)
[Delete See also CORRUPTION IN POLITICS]

SUSTAINABLE AGRICULTURE
See also AGRICULTURAL ECOLOGY; AGRICULTURE - ENVIRONMENTAL ASPECTS; LAND USE
x   Agriculture, Sustainable

XX   AGRICULTURAL ECOLOGY; AGRICULTURE - ENVIRONMENTAL ASPECTS; LAND USE; AGRICULTURE; SUSTAINABLE DEVELOPMENT

SUSTAINABLE DEVELOPMENT
Use for works on the management of the environment to protect, sustain and enhance the human and natural resources that will be needed in the future.
See also ENVIRONMENTAL POLICY; LAND USE; SUSTAINABLE AGRICULTURE
x   Development, Sustainable; Economic development, Sustainable; Sustainable economic development

XX   CONSERVATION OF NATURAL RESOURCES; ECONOMIC DEVELOPMENT; ENVIRONMENTAL POLICY