



THE UNIVERSITY OF  
MELBOURNE

MELBOURNE  
GRADUATE SCHOOL  
OF EDUCATION  
COURSEWARE  
2008/09



## **A Message from the Dean**

The Melbourne Graduate School of Education (MGSE) is on almost every measure the leading research school of education in Australia. The graduate school has a strong reputation for its materials and services in curriculum, teaching materials and assessment. All of these materials and services are built on a formidable reputation in research.

The materials and services featured in this catalogue show clearly how diverse the products and services are and how widely they are applied throughout the world. One reason for their wide acceptance can be attributed to the MGSE making them available at reasonable cost to educators. This is one way in which we can facilitate the process of dissemination and make the intellectual capital of the MGSE available to others.

**Professor Field Rickards**

Dean  
Melbourne Graduate School of Education

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For information on how to purchase please see the back cover.



# LASS

## Literacy Across the School Subjects

*Kristina Love, Graeme Baker and Marie Quinn*

*Literacy Across the School Subjects (LASS)* is a unique, video-based DVD designed to develop teachers' understandings of the important role that language and literacy play in learning. It focuses on literacy in the Middle Years of schooling (Years 5–9), a time that is often identified as a difficult transitional one for students.

Designed by language and literacy specialists, *LASS* demonstrates how spoken and written language can be used in effective teaching across the school subjects.

- Extensive video clips of exemplary teachers working with effective language and literacy practices across subjects as diverse as Mathematics, Visual Art, Health and Physical Education, Science and English as Second Language (ESL)
- Interviews with teachers about their planning around literacy, and with students reflecting on the literacy challenges in different subjects
- A range of interactive features, including animations, drag-and-drop tasks, glossaries and tutorials



## NEW

### Audience

Pre-service/postgraduate students, lecturers, practising teachers, literacy coordinators/consultants, policy advisors and curriculum developers

### Subject

Education–Literacy

### Edition

1.0

### Format

DVD

### ISBN

978-0-7340-2754-2

### Price

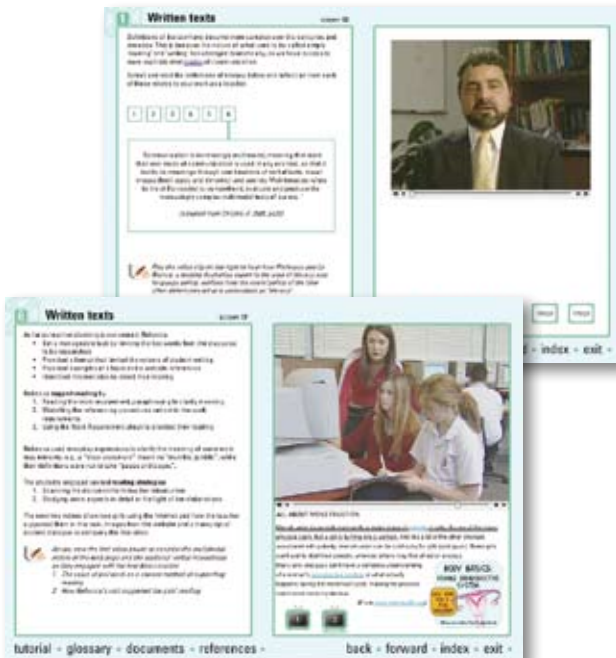
A\$60.00

### System Requirements

Minimum: Sound Card, DVD-ROM drive, QuickTime 7.2, Adobe Reader 8.1

Windows: Intel Pentium IV processor or equivalent, Win XP SP2 or later

Mac: Power Macintosh G4 or later, OS 10.3.9 or later





# Literacy Intervention Strategies

## Exceptional Learning and Gifted Education

John Munro

*Literacy Intervention Strategies (LIS)* equips primary and secondary teachers with the ability to identify, describe and analyse reading difficulties and to implement effective teaching, by identifying the causes of different types of reading difficulty and the implications of these for diagnosis and teaching.

Video sequences illustrate aspects of the reading diagnosis and a range of teaching procedures being implemented in regular classrooms.

*LIS* is currently being used in both pre-service and post graduate teaching in literacy learning disabilities at the University of Melbourne. It has also been used extensively in professional development and in-service training in schools and across education systems.



### Audience

Pre-service students, lecturers and practising teachers of students with literacy learning difficulties

### Subject

Education–Literacy

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-7340-2698-9

### Price

A\$79.95

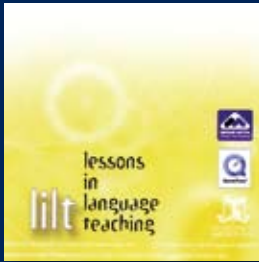
### System Requirements

Minimum: Flash Player 7

Windows: Intel Pentium III 300MHz or later, Win 98SE or later

Mac: Power Macintosh G3 300MHz or later, OS 9.1 or later





## Audience

Pre-service students, lecturers and practising teachers of a second or foreign language

## Subject

Education–Language

## Edition

1.0

## Format

CD-ROM

## ISBN

978-0-7340-2687-3

## Price

A\$49.95

## System Requirements

Minimum: 64MB RAM, 800 x 600 display with 256 colours, QuickTime 5.02 or later

Windows: Intel Pentium III 233MHz or later, Win 95 or later

Mac: Power Macintosh G3 233MHz or later, OS 8.6 or later

# LILT

## Lessons in Language Teaching

*Jane Orton*

*LILT* consists of 37 video clips of unrehearsed, regular classes of Italian and ESL, grouped into four sets. Two of the sets follow a whole class period from start to finish. The other two sets present specific techniques and processes used for managing some of the most common tasks in language teaching.

The material has been selected to be complementary, combining to present at least one way of tackling a range of interactions and tasks in two different kinds of language program: one a content-based, immersion approach, the other a structured communicative approach.

*LILT* presents teaching and learning as a social practice. The video clips and the questions and observations provided with each clip direct attention to the teacher in relation to (i) the language, (ii) the students, and (iii) the behavioural and learning standards of the school.



# Cultural Diversity

## Teaching and learning for cultural diversity in early childhood

Glenda MacNaughton, Jane Page and Merlyne Cruz

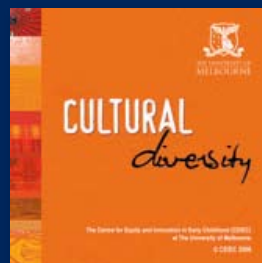
*Cultural Diversity* is a CD-ROM resource from the Centre for Equity and Innovation in Early Childhood (CEIEC) that uses virtual resource rooms, user scenarios and video clips to bring to life how cultural diversity can be understood and positively enacted in the early childhood curriculum.

This resource is designed to help users:

- identify best practice approaches to cultural diversity in the early childhood curriculum
- design and critically evaluate teaching and learning strategies and resources that promote cultural diversity in the curriculum for young children
- critically reflect upon the relationships between children's learning and specific approaches to teaching cultural diversity in the early childhood curriculum

Content includes:

- Case Studies – see how other early childhood educators approach their cultural diversity work with children and with parents
- Year Level Tasks – explore a Quicktime VR panorama of the Kookaburra Kindergarten
- Virtual Resource Room – create a virtual kindergarten room with art, music, drama and library themes
- Diversity Alerts – build knowledge of what children know and understand about cultural diversity at different ages and learn how to plan appropriate experiences for them
- Stereotype Busters game – test cultural diversity knowledge



## NEW

### Audience

Pre-service students, lecturers and practising teachers of cultural diversity

### Subject

Education–Early Childhood

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-7340-2763-4

### Price

A\$79.95

### System Requirements

Minimum: 128MB RAM, up to 110MB of hard disk space  
 Windows: Intel Pentium processor, Win NT/2000/XP  
 Mac: Power Macintosh G3/G4/G5 processor, OS 10.2.8/10.3/10.4



## Audience

Pre-service students, lecturers and practising teachers in early childhood

## Subject

Education—Early Childhood

## Edition

1.0

## Format

CD-ROM

## ISBN

978-0-7340-2679-8

## Price

A\$79.95

## System Requirements

Minimum: 24MB RAM, Sound Card, Quicktime 5.0  
Windows: Intel Pentium processor or equivalent, Win 95/98/NT or later  
Mac: Power PC, OS 8.1 or later

# Equity Adventures In Early Childhood

*Glenda MacNaughton, Sheralyn Campbell, Kylie Smith and Heather Lawrence*

This teaching & learning resource from the Centre for Equity and Innovation in Early Childhood (CEIEC) will:

- familiarise users with key approaches to equity issues in early childhood services
- enable users to explore what these approaches mean in theory and in practice in early childhood settings
- encourage users to critically reflect upon their roles as teachers in promoting equity in early childhood settings
- develop users' capacity to design and critically evaluate teaching and learning resources that promote equity in the curriculum for young children

The content includes Quicktime VR 'photos', research case studies, video clips of interviews and group discussions with early childhood teachers about their approaches to equity issues in the early childhood curriculum. This promotes the involvement of users in 'virtual' experiences of teaching and learning for equity in the early childhood settings.

There are over 100 hot links to useful background information on the topics covered in the CD-ROM and a downloadable full text file on anti-bias approaches to early childhood education.



# Innovative Teaching and Learning Resources

The University of Melbourne's Early Learning Centre introduces a suite of multimedia Teaching and Learning products for educators of children, Level K–2.

The products are an inspirational resource for teachers and illustrate a curriculum that enhances inter-cultural understanding and environmental awareness.

Each CD-ROM presents a unique teaching and learning environment demonstrating creative and expressive learning. Children are encouraged to observe, discuss, create and reflect on contemporary issues.

The comprehensive multimedia products include:

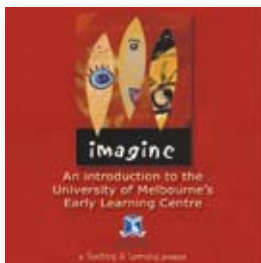
- theme-based Units of Work that provide foundations for planning
- a Teaching Guide
- structured Lesson Plans for Key Learning Areas with assessment guidelines

## Imagine

### An Introduction to The University of Melbourne's Early Learning Centre

*Imagine* introduces the philosophy and practices of the Early Learning Centre.

This teaching resource contains a collection of video recordings and photographs of actual teaching examples illustrating an exemplary curriculum that aims to realise the full learning potential of young children.



## NEW

### Audience

Pre-service students, lecturers, practising early childhood and primary K–2 teachers

### Subject

Education–Primary K–2

### Edition

1.0

### Format

CD-ROM

### ISBNs

Australia Our Ark: 978-0-7340-2750-4

Cross-Cultural: 978-0-7340-2752-8

Poetry & Music: 978-0-7340-2748-1

Woods & Forests: 978-0-7340-2751-1

Imagine: 978-0-7340-2749-8

### Price

A\$29.95 each

### System Requirements

Minimum: 1024 x 768 display, Adobe Reader, QuickTime

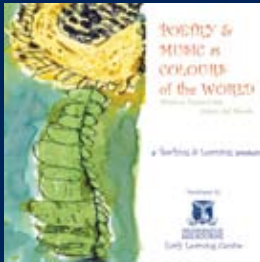
Windows: Win XP or later

Mac: OS 10 or later



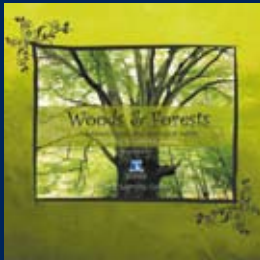
## Australia Our Ark

This project investigates a drought affected continent with a focus on the impact of drought on local environments. Teachers and students focus on various ecosystems, creating visions of possible realities through art and narratives.



## Poetry and Music as Colours of the World

Students are inspired to explore the sky, the sun, the water, the earth and sunflowers. This project aims to foster student awareness of, and sensitivity to the natural environment.



## Woods and Forests

### between magic and ecological reality

Students explore woods and forests from the viewpoint of ecological reality and magic. Artwork, nest making, dramatic interpretations and song provide an engaging journey with a LOTE focus on Italian.



## Cross-Cultural Connections

This project provides an insight into an anti-bias curriculum where a range of social justice issues are explored. By engaging in collaborative projects with children from different cultures, this program aims to develop learning experiences that reflect positive attitudes and perceptions about all people and the environments of the world we live in; and to instil in children personal qualities such as empathy, integrity, respect and tolerance.

# How the Murray River was made

Story told by: Irene Thomas

Editors: Jan Deans and Robert Brown

Illustrators: Irene Thomas and Robert Brown

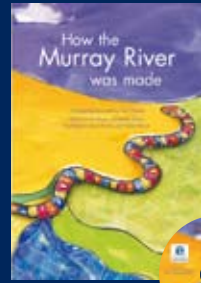
The original story remains the property of the Bangerang Aboriginal Community.

*How the Murray River was made* is an Australian Aboriginal story that offers a dreamtime explanation for the origins of one of Australia's great rivers. It is told by Irene Thomas, a Bangerang Elder living in Shepparton, Victoria.

The Big Book and accompanying multimedia CD-ROM are ideal for shared reading and will help enhance cross-cultural connections in our multicultural society.

The CD-ROM is structured to support daily literacy activities in conjunction with the Big Book and includes:

- an interactive Big Book, with the animated story read by the author
- 6 numeracy/literacy worksheets
- a Teaching Guide which provides 'Skill development' and application for each worksheet



## NEW

### Audience

Pre-service students, lecturers, practising early childhood and primary K–2 teachers

### Subject

Education–Primary K–2

### Edition

1.0

### Format

Big Book & CD-ROM

### ISBN

978-0-7340-2747-4

### Price

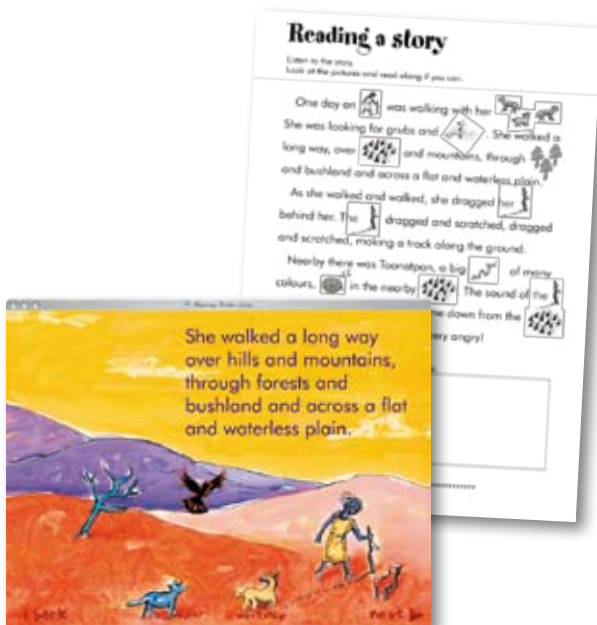
A\$32.95

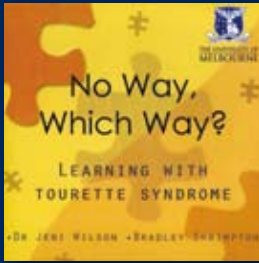
### System Requirements

Minimum: 1024 x 768 display, Adobe Reader, QuickTime

Windows: Win XP or later

Mac: OS 10 or later





## Audience

Pre-service students, lecturers, practising teachers, community health centres and families supporting children with Tourette Syndrome

## Subject

Education–Tourette Syndrome

## Edition

1.0

## Format

CD-ROM

## ISBN

978-0-7340-2692-7

## Price

A\$19.95

## System Requirements

Minimum: 64MB RAM, 800 x 600 display with 32-bit colour, QuickTime 5 or later

Windows: Intel Pentium III 600MHz, Win 2000 or later  
Mac: Power Macintosh G3 processor, OS 8.6 or later

# No Way, Which Way?

## Learning with Tourette Syndrome

*Jeni Wilson and Bradley Shrimpton*

There are no recipes for managing Tourette Syndrome. On this CD-ROM educators and parents will find information about what Tourette Syndrome (TS) is and the impact TS can have on learning.

*No Way, Which Way?* offers classroom and teaching strategies and considers a range of ways to improve communication and home-school relationships essential for managing and planning learning with TS.

The CD-ROM features video footage and real stories from those affected, providing a deeper understanding of the feelings and experiences of young people living and learning with TS.

For more information on Tourette Syndrome please visit the Tourette Syndrome Association of Victoria website at: [www.tsavic.org.au](http://www.tsavic.org.au)



# Coping for Success

## Skills for Everyday Living

*Erica Frydenberg*

The *Coping for Success* program is about learning to cope with life and the problems life may dish out. We all have situations we have to deal with and this program will help us deal with them better. Basically, it teaches the skills for successful everyday living.

The program is for all young people in the general age range 12–18. Everyone has problems – it's a part of life. However, this program is not only about teaching how to cope with problems, it's also about making the most of life – it's about success!

The program consists of ten modules. Each module focuses on a particular aspect of coping.

Each module consists of:

- text to read
- video clips of young people to view
- activities to complete
- a short quiz

The CD-ROM is stand alone but the self-paced format can be complemented by an instructor-led pencil and paper format.



### Audience

Students aged 12–18, professionals working with children and their parents

### Subject

Education; Psychology; Health

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-7340-2741-2

### Price

A\$25.00

### System Requirements

Minimum: 512MB RAM, QuickTime 6.5 or later, Adobe Flash Player 7

Windows: Intel Pentium III 400MHz, Win XP or later

Mac: PowerMac G3 400 MHz, OS 10.2.5 or later





# Tuning in to Kids

## Emotionally Intelligent Parenting

*Sophie Havighurst and Ann Harley*

Every person has the capacity for a huge range of emotional experience and expression. Indeed, emotions are a fundamental part of being human. Parenting or caring for a child is a particular kind of emotional journey, bringing its own special rewards and challenges. And for many parents, connecting with children during emotional moments is one of the most rewarding but also most challenging parts of parenting.

As professionals working to support families with young children, Sophie Havighurst and Ann Harley found that many parents and carers find parenting to be an emotional rollercoaster that they feel ill-equipped to ride. They developed *Tuning in to Kids* to support these parents — to help them teach their children how to understand and regulate their emotions and thus develop emotional competence.

The *Tuning in to Kids* program manual is a complete kit for use in community settings. It contains comprehensive background information, session plans, session notes, printed and electronic versions of parent handouts, and a specially produced DVD.

The ideas and techniques taught in the program will be useful for parents of children of all ages, but are particularly relevant for parents of preschoolers.



## NEW

### Audience

Professionals working with children, parents, carers and families from all disciplines

### Subject

Emotional Intelligence

### Edition

1.0

### Format

Manual, DVD & CD-ROM

### ISBN

978-0-7340-2753-5

### Price

A\$143.00



## NEW

### Audience

Professionals working with children, parents, carers and families from all disciplines

### Subject

Emotional Intelligence

### Edition

1

### Format

Book

### ISBN

978-0-9775-5180-4

### Price

A\$15.95

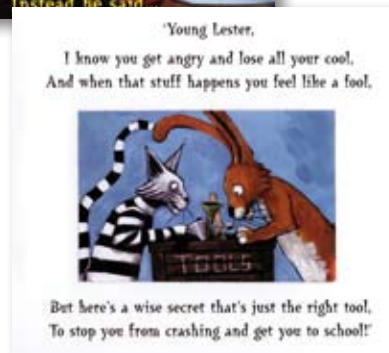
# When Lester Lost His Cool

*Sophie Havighurst*

*Illustrated by Geoffrey Ricardo*

Not everyone is born with skills to manage strong emotions. *When Lester Lost His Cool* is the tale of a young train whose anger gets the better of him. Jebba, the wise one, has a few pointers for letting off steam.

*When Lester Lost His Cool* is a children's book that provides parents and teachers with a fun way of helping children express, understand and manage anger. Written by clinical psychologist, Dr. Sophie Havighurst, the book is used in the parent and teacher early intervention program *Tuning in to Kids* that fosters children's emotional intelligence.



# Click!

## Computers and Learning in Classrooms K–6

*Dianne Chambers (Editor)*

*Click!* is designed for the K–6 teacher who wants to integrate technology into their teaching effectively and efficiently to enhance teaching and learning in all curriculum areas.

The time constraints faced by teachers have been kept firmly in mind during the design of this resource.

- 30 Case Studies – K–6 teachers from over 20 schools demonstrate how they have used technology in their classrooms. Examples of student work and lesson plans are also included.
- 36 Professional Development Modules – experts across a wide range of areas provide insights to enhance the use of technology in teaching
- Virtual Classroom (60 minutes of video) – pan and zoom through three real classrooms and watch students work. Coupled with the ‘teacher talks’ segment, this is a powerful and unique learning opportunity.



### Audience

Pre-service students, lecturers and practising Kindergarten to Year 6/7 teachers

### Subject

Education–Computers & Learning

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-5228-4929-5

### Price

A\$79.95

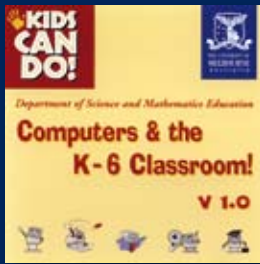
### System Requirements

Minimum: Adobe Acrobat, PowerPoint, QuickTime 3.0 or later

Windows: Intel Pentium processor, Win 95

Mac: Power Macintosh, OS 9





### Audience

Pre-service students, lecturers and practising Kindergarten to Year 6/7 teachers

### Subject

Education–Computers & Learning

### Edition

2.0

### Format

CD-ROM

### ISBN

978-0-7340-1620-1

### Price

A\$22.00

### System Requirements

Minimum: Sound Card

Windows: Win 95 or later

Mac: OS 7.6 or later

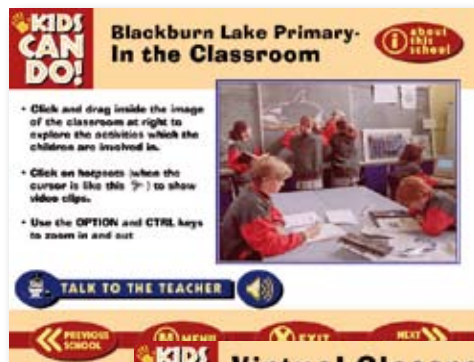
# Kids Can Do!

## Computers and the K–6 Classroom!

*Dianne Chambers and Mark Dobbins (Editors)*

*Kids Can Do!* is a resource kit of information, activities and research material for both pre-service and practising teachers. You will see some examples of just what “Kids Can Do” with computer technology when it has been introduced across the curriculum in meaningful ways.

- Lecture notes – organised by topic
- Workshop and Homework Activities – valuable ‘hands on’ activities
- Reading Materials – an indexed listing of papers and articles for broader reading and more detailed research, organised by Topic and Author
- Samples of work – from teachers and students that range from the beginners stage toward the more experienced stage
- Virtual Classrooms – shows various moments in classrooms where technology is being used effectively
- Teacher Talks – view the interaction between students and teachers and computers



# Talking To Learn, Learning To Talk

## A CD-ROM about Small Group Talk

*Sally Godinho and Bradley Shrimpton*

This interactive CD-ROM is designed to support pre-service and practising primary school teachers develop small group discussion skills.

Video clips of teacher facilitated discussions and interviews with teachers and students provide insights into how the meaning of a text is socially constructed and mediated through dialogic talk. Specific discourse features are identified to guide the viewer, and open-ended questions are used to encourage critical reflection.

Each unit has a specific focus, such as developing questioning strategies and building and applying discussion skills, and concludes with some professional development activities.



### Audience

Pre-service students,  
lecturers and practising  
primary teachers

### Subject

Education—Teacher  
Development

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-7340-2701-6

### Price

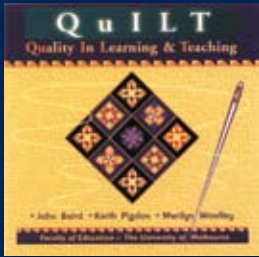
A\$49.95

### System Requirements

Windows: Win 2000/XP

Mac: OS 9.2/10





### Audience

Pre-service students, lecturers and practising teachers

### Subject

Education—Teacher Development

### Edition

4.0

### Format

CD-ROM

### ISBN

978-0-7340-2672-9

### Price

A\$49.95

### System Requirements

Minimum: 12MB RAM, Quicktime 4.0 or later

Windows: Intel Pentium 90 or equivalent, Win 95/NT4.0/2000 or later

Mac: PowerPC, OS 7.5.3 or later

## QuILT

### Quality in Teaching and Learning

*John Baird, Keith Pigdon and Marilyn Woolley*

*QuILT* aims to help intending or practising teachers develop their conceptions of learning and teaching and improve their classroom practices. This two CD-ROM package:

- includes approximately 300 video sequences of authentic classroom episodes and student and teacher interviews
- shows five to 15 year old students learning in seven different classes
- portrays single-age and multi-age classrooms
- demonstrates a range of subject areas, teaching and learning strategies, student groupings, management, organisation and assessment procedures
- contains two complementary electronic tools (a Notepad and an Action Planner) – nine action planners to help generate principles to frame teaching, and four lenses and a notepad help make sense of other teachers' work

Through the program, based on the metaphor of constructing a patchwork quilt, teachers will develop their personal conceptions of quality in learning and teaching. Each of nine focus areas is represented as a 'patch'. Teachers can arrange the 'patches' by considering interrelationships between focus areas in order to craft the finished quilt.



# Learning Communities

## Making meaning through dialogue and inquiry

Sally Godinho and Bradley Shrimpton

*Learning Communities* is designed to support practising and pre-service teachers develop understandings of how dialogue and inquiry deepen and extend students' thinking.

The five modules: *learning communities, questioning, student engagement, critical, creative and reflective thinking* and *gendered talk* focus on teachers assisting students to work collaboratively to construct meaning.

Video-clips of secondary teachers mediating small group discussions provide insights into the strategies they use to engage their students in dialogic talk and to build a sense of community.

These clips and supporting text demonstrate how small learning communities assist students to explore their thinking through talk and to make their thinking more visible.

Each module includes:

- video-clips of teachers mediating small group discussions
- interviews with teachers and students about discussion processes
- informative text to support the viewing
- interactive prompts and questions to focus the viewer
- suggested follow up activities for professional development



## FORTHCOMING

### Audience

Pre-service students, lecturers and practising teachers

### Subject

Education—Teacher Development

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-7340-2767-2

### Price

A\$49.95





## NEW

### Audience

Students and lecturers of all disciplines that explore the theory and practice of program evaluation, evaluation practitioners in government and non-government organisations, evaluation consultants, program managers and applied social scientists

### Subject

Education—Program Evaluation

### Edition

1.0

### Format

CD-ROM

### ISBN

978-0-7340-2762-7

### Price

A\$49.95

### System Requirements

Windows XP only

# Evaluation Practice

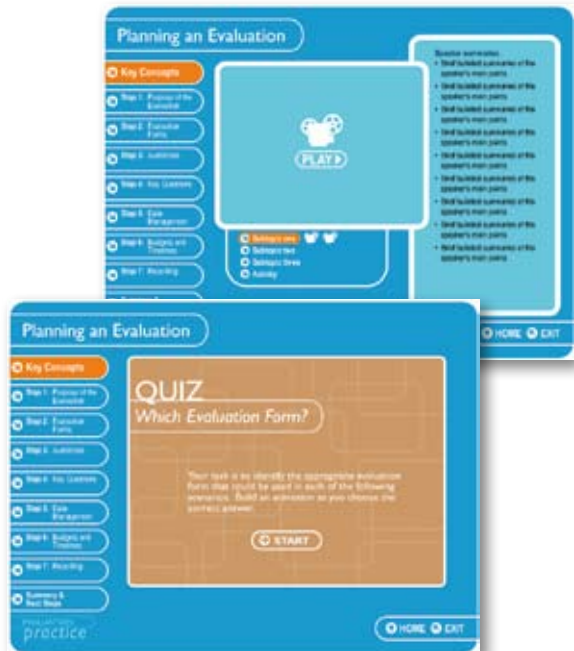
## A CD-ROM about Evaluation Planning

*Bradley Shrimpton, Pam St Leger, Lyn Campbell, Rosalind Hurworth, John Owen and Neil Day*

*Evaluation Practice* is designed to guide users through the processes involved in successfully planning a program evaluation. Consisting of insightful video clips with nationally recognised evaluation experts and activities to aid learning, the CD-ROM explores:

- what goes into an evaluation plan
- Evaluands
- evaluation purposes and forms
- evaluation audiences
- key evaluation questions
- data management
- budgeting and resources
- reporting findings
- ethics and evaluation practice

The CD-ROM is a stand alone resource but is also an excellent companion to John Owen's classic text *Program Evaluation: Forms and Approaches*.



# Postgraduate Essentials

## Strategies for a Successful Start to your PhD™

This on-line interactive course is aimed at equipping PhD students with the academic skills and management tools essential for the first year of candidature and beyond.

Postgraduate students will be able to access this course from work or home, 24 hours/7 days a week.

This award winning course provides PhD students with practical information and skills for their research studies, and opportunities to network with other students and university advisers. The course contains six modules, each live for two weeks plus an orientation week.

By completing the course PhD students can expect to:

- understand the key stages and distinct challenges involved in postgraduate research
- develop knowledge of time and task management issues, tools and resources
- reflect on and clarify the roles and responsibilities of supervisors and students at the postgraduate level
- explore the main browsers, search engines, bibliographic software, on-line databases, indexes and catalogues that they will use for conducting and recording literature searches
- understand the requirements and elements of a literature review and a confirmation report
- consider factors that contribute to the effective presentation of academic research

The interactive course will address the learning needs of students from diverse backgrounds and offers peer networking and support, as well as interaction with University advisers.



### Audience

PhD students in the first year of candidature

### Subject

Postgraduate Studies

### Edition

1.0

### Format

On-line interactive course

### Licence available on application





## NEW

### Audience

PhD students in the last year of candidature

### Subject

Postgraduate Studies

### Edition

1.0

### Format

On-line interactive course

**Licence available on application**

# Postgraduate Essentials

## Completion and Beyond™

This on-line course is designed to help get PhD students ready for submission and examination, at the same time as helping them plan for life after the thesis.

In the six modules there are information and tips on:

- writing quickly and writing effectively
- editing for structure, style and argument
- how to format and present a thesis for examination
- managing the changing nature of a supervisory relationship
- maintaining momentum and getting over the 'PhD blues'
- planning for life after the thesis in either academia or industry

Developed by the Melbourne School of Graduate Research and the Language and Learning Skills Unit, *Completion and Beyond™* represents the leading word on getting the most out of your PhD experience.

### For further information and licensing enquiries on both courses, please contact:

Angela Woods  
 Programs and Projects Coordinator  
 Melbourne School of Graduate Research  
 The University of Melbourne  
 Phone: +61 3 8344 8659  
 Email: [amwoods@unimelb.edu.au](mailto:amwoods@unimelb.edu.au)



# PARIS

## A Performance Assessment and Reporting Information System

*Patrick Griffin, Shelley Gillis and Keith Pigdon*

*PARIS* is designed for use in postgraduate programs in assessment. It provides students with quality skill development at a postgraduate level. The intention is to develop a group of specialists who can, in turn, train others in assessment procedures and practices.

Postgraduate students of assessment will have an opportunity to combine theory with practice in the field of performance assessment using workplace exercises. It will also enable them to obtain immediate feedback about the technical qualities of their work and take appropriate action based on this feedback.

This is achieved via mixture of an on-line teaching and learning system with classroom and field work projects that allow direct observation assessment to be combined with traditional methods to be implemented in teaching at university level.



### Audience

Postgraduate students in performance and competency assessment

### Subject

Postgraduate Studies

### Edition

2.0

### Format

CD-ROM

### ISBN

978-0-7340-2693-4

### Price

A\$49.95

### System Requirements

Minimum: 32MB RAM, 2MB Video Card, 800 x 600 display in 16 Bit Colour, Quicktime 3.0 or later

Windows: Intel Pentium 133MHz or equivalent, Win 95/98ME/NT4.0/2000

Mac: Power Macintosh 120MHz, OS 7.6.1 or later





## Audience

Pre-service students, lecturers and practising mathematics teachers

## Subject

Education—Mathematics

## Edition

2.0

## Format

CD-ROM

## ISBN

978-0-7340-2690-3

## Price

A\$49.95

## System Requirements

Minimum: 32MB RAM

Windows: Intel Pentium processor or equivalent, Win 95 or later

Mac: PowerPC G3/G4, OS 8 or later

# Foundations for Teaching Arithmetic

*Kyla Marston and Kaye Stacey (Editors)*

*Foundations for Teaching Arithmetic* supports the teaching of number and arithmetic from early primary into junior secondary years. It explains the important mathematical principles underlying the subject, demonstrates how these can be explained to students, and shows both expert performance and intermediate stages.

The CD-ROM has text, extensive graphics, slide shows and small movies demonstrating solution methods of various stages of sophistication.

## Topics

- Whole Numbers
- Fractions
- Decimals
- Negative Numbers
- Measurement
- Percent, Ratio & Rates

## Each topic includes:

- Meaning and Models
- Key Ideas
- Operations
- Teaching Connections
- Quiz and Answers
- Fully worked solutions

## Also Available:

### Maths Education 3 Pack

978-0-7340-2696-5

\$64.95

A three pack containing the following CD-ROMs:

- *Foundations for Teaching Arithmetic*
- *Teaching Mental and Written Computation*
- *Teaching and Learning about Decimals*

The CD-ROMs have been designed as a resource for teacher education students and practising teachers.

They include a wealth of practical teaching ideas—classroom activities, photocopy masters, computer games, and advice on choosing concrete models and tests.

# Teaching Mental and Written Computation

*Kaye Stacey, Nancy Varughese and Kyla Marston*

*Teaching Mental and Written Computation* has been designed for teacher education students and practising teachers. It aims to show the importance of mental computation in the school curriculum and sets out goals for balancing mental, written and calculator computation.

Using subtraction and multiplication as examples, it explains some common strategies for mental computation and how to develop understanding of the written algorithms.

This CD-ROM contains:

- detailed descriptions of mental methods used by children
- QuickTime movies that demonstrate children's mathematical thinking
- explanations of common errors made by children
- strategies for teaching written and mental computation
- mental method classification activities for teachers
- activities for teacher education students
- class worksheets and diagnostic tests for children
- completed diagnostic tests from 'example' children, for teachers



## Audience

Pre-service students, lecturers and practising primary and junior secondary mathematics teachers

## Subject

Education–Mathematics

## Edition

1.1

## Format

CD-ROM

## ISBN

978-0-7340-2689-7

## Price

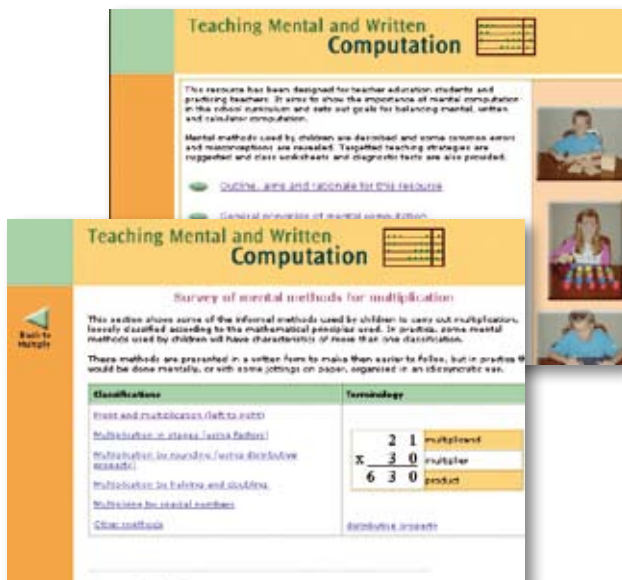
A\$49.95

## System Requirements

Minimum: 32MB RAM

Windows: Intel Pentium processor or equivalent, Win 95 or later

Mac: PowerPC G3/G4, OS 8 or later



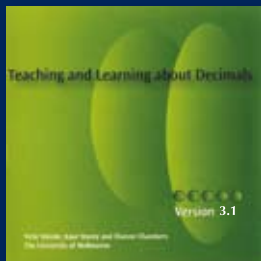
# Teaching and Learning About Decimals

*Vicki Steinle, Kaye Stacey and Dianne Chambers*

*Teaching and Learning About Decimals* provides teachers with a wealth of practical teaching ideas, classroom activities, photocopy masters, computer games, and advice on choosing concrete models and tests.

It also explains the mathematical, psychological and pedagogical ideas needed to effectively teach this topic. The approach, drawing upon extensive research carried out at the University of Melbourne and across the world, begins with an understanding of how students interpret decimal notation.

- Case Studies – watch interviews and observe six students at work with decimals. Complete sample tests and view sample teaching plans.
- Teaching section – 30 lesson ideas for Years 4 to 10 with full notes and photocopy masters. Read advice on choosing and using concrete models, such as number expanders, linear arithmetic blocks, number slides and multibase arithmetic blocks.
- Test section – photocopy test masters with marking instructions to help diagnose misconceptions and check up on the skills of students
- Background section – a survey of mathematical ideas that contribute to understanding decimals and fascinating facts. The Glossary provides quick definitions and explanations of technical terms. All references are listed, with the full texts of some articles included.
- Interactive computer games (PC)



## Audience

Pre-service students, lecturers and practising primary and junior secondary mathematics teachers

## Subject

Education—Mathematics

## Edition

3.1

## Format

CD-ROM

## ISBN

978-0-7340-2732-0

## Price

A\$49.95

## System Requirements

Minimum: 32MB RAM

Windows: Intel Pentium processor or equivalent, Win 95 or later

Mac: PowerPC G3/G4, OS 8 or later



# PRAX-IT

## *Kay Margetts and Christine Ure*

*PRAX-IT* has been designed to enable administrative and communication efficiencies for managing and tracking student professional practice/clinical placements.

The use of on-line reporting mechanisms facilitates student-supervisor accountability for reporting student progress, self-evaluation and document preparation and sharing, and provides an ongoing portfolio of students' professional development during and across placements. The flexible framework can be customised to meet different professional practice requirements.

The structure of the website enables different levels of access for and among key users: students; supervisors/clinicians, university academics; and administrative staff. Access is enabled and protected with usernames and passwords.

Students have access to:

- a semi-structured repository for storing written records and artefacts
- supervisor/clinical specialist progressive and final reports to which comments can be appended
- feedback from university academics
- progressive self-evaluation forms

Supervisors/clinical specialists and coordinators have access (for nominated students) to:

- student written records
- report forms

University academics have access (for nominated students) to:

- written records and artifacts lodged in the repository
- student self-evaluations to which feedback can be appended
- reports by supervisors/clinical specialists

A range of tools has been developed to enable efficient registration of site users. Optimised summary sheets enable administrative staff within the university and the professional/clinical practice sites to track report completion.

*PRAX-IT* is suitable for any course involving clinical practice: teaching, law, medicine, nursing, veterinary science, and for other courses involving the development of professional portfolios.



## FORTHCOMING

### Audience

Professional/clinical practice coordinators and administrators and university lecturers from a range of disciplines

### Subject

Professional Practice

### Edition

1.0

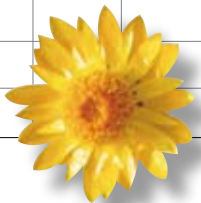
### Format

Website

### Licence available on application

# eshowcase

[eshowcase.unimelb.edu.au](http://eshowcase.unimelb.edu.au)



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