

## Literacy & Numeracy Resources with a real life/applied learning approach

### Vic Roads

Vic Roads have published a set of FREE VCAL literacy, numeracy and PDS units all around road safety issues. There are 11 different units covering different levels. They provide activity outlines and suggestions with comprehensive guidance to teachers, including Worksheets and Assessment record proformas. To access the free pdf files and Word versions of the Assessment proformas (and to ask for a hard copy of it all too) go to: <http://www.vicroads.vic.gov.au/vcal>

### Consumer Stuff

Consumer Affairs Victoria has produced a number of FREE resources called *Consumer Stuff* that have an applied learning focus using real-life scenarios to address consuming youth culture. There are free teacher resources in the areas of Maths, English and Commerce alongside Health and Wellbeing and Consuming Planet Earth. All are already mapped against VELs and VCAL. Go to: [www.consumer.vic.gov.au](http://www.consumer.vic.gov.au) And follow the links to the **Publications** page and then to the **Teachers** page where you will be able to download the pdfs or order hard copies. Note: If you are a numeracy/maths teacher, don't just look at the Maths book, look at Commerce, Health and Wellbeing and Consuming Planet Earth as they have better, real life based numeracy activities.

## Numeracy Resources

### Car Costs

Whilst on the topic of cars and road safety, there is also a newish numeracy book out that was partly funded by the RACV, called Car Costs II: a numeracy workbook. Written by Dave Tout it is available from the CAE or the MAV. An order form is available through the SAALT website's numeracy page at: [www.saalt.com.au/numeracy](http://www.saalt.com.au/numeracy) and follow the links to the Teaching Materials and Articles page.

### Teaching Maths in Context

And another newish numeracy book published by ACER Press, written by Dave Tout and Gary Motteram - it argues the case for teaching maths in context and outlines different options and strategies for teaching maths and numeracy in real life contexts. Go to this web address for further information and ordering details: <http://shop.acer.edu.au/acer-shop/locate?group=MATHSWORKS>

### Adult Numeracy website

And you could visit the Adult Numeracy website (sometimes) maintained by Dave at the CAE at: <http://www.saalt.com.au/numeracy> It has some links etc that take you to different maths/numeracy websites.

### Some other suitable new(ish) numeracy/maths books

**NEW:** Tout, Dave, *Having Fun with Maths: Activities and Games for Developing Maths Language and Skills*, Multifangled P/L, Yarraville, 2007 [available from: Multifangled, CAE, MAV, AAMT and elsewhere] The games and activities in this book focus on the development of fundamental maths skills through co-operative group work and the use of hands-on materials, as well as on enjoyment and having fun in order to build confidence and overcome maths anxiety. The photocopiable activities are designed to encourage students to work together and talk about mathematics and share their understanding. There are four sections: co-operative logic problems, dice games, calculator games and word games. Skill areas covered include: numbers and calculations, shape, location and direction and introductory algebra.

Thomson, Sue & Forster, Ian, 2006 *Access to Prevocational Maths*, Pearson Education Australia, Melbourne

Access to Prevocational Maths covers the 5 topics of mathematics: number, data, location and time, measurement and finance. The main focus is on the practical applications that occur in

the workplace. Access to Prevocational Maths is the new edition of Trade and Business Maths. There are two volumes.

Gunningham, Sue , 2006, *Cambridge Numeracy Workbook for VCAL*, CUP, Melbourne

Vize, Anne, 2005, *Maths Skills for Living*, Phoenix Education, Putney, NSW

Vize, Anne, 2005, *Maths Skills for Working*, Phoenix Education, Putney, NSW

Weber, Lauris, 2003, *The Language of Maths (Secondary Level)*, AEE Publishing, Queensland

### CD ROMs

Tout, Dave and Marr, Beth, *Measuring up: an interactive multimedia computer resource for numeracy learners*, Protea Textware, Melbourne, 1997 [available from: Protea Textware software: [www.proteatextware.com.au](http://www.proteatextware.com.au)]

Lowe, Ian, 2001, *Mathematics at Work*, (CD-ROM), AAMT, Adelaide [available from MAV at: <https://www.mav.vic.edu.au/shop/>]

Lowe, Ian, 2003, *People Count: Numeracy for Adults*, (CD-ROM), Ian Lowe, Melbourne [available from MAV]

Hagston, Jan and Tout, Dave, 2001, *Brush up on your skills*, TAFE Frontiers, Victoria [available from <http://www.atpl.net.au/>] *Brush up on your Skills* (CDROM) (TF/405/GEN/350/LP) It contains learning activities for Reading & Writing and Numeracy & Maths and Oracy for the Certificates in general Education for Adults, but is suitable for a wide range of literacy and numeracy students, including VCAL.

### Other resources

There is a wide range of other resources and suitable games and activities that you can use to support your mathematics and numeracy teaching. Whilst not being able to list them all individually, here are some key sources of suitable materials and resources.

1. The Mathematical Association of Victoria  
Cliveden, 61 Blyth Street, Brunswick, Victoria 3056  
Phone: (03) 9380 2399 Fax: (03) 9389 0399  
WWW: <http://www.mav.vic.edu.au/>

2. The Australian Association of Mathematics Teachers  
GPO Box 1729, Adelaide SA 5001  
Phone: (08) 8363 0288 Fax: (08) 8362 9288  
WWW: <http://www.aamt.edu.au/shop>

3. Objective Learning Materials  
PO Box 377, Berwick, Victoria 3806  
Phone: (03) 9796 1177 Fax: (03) 9796 1832  
WWW: <http://www.lat-olm.com.au/>

4. Curriculum Corporation  
PO Box 177, Carlton South, Victoria 3053  
Phone: (03) 9207 9600 Fax: (03) 3 9639 1616  
WWW: <http://www.curriculum.edu.au/>  
Curriculum Press website: <http://www.curriculumpress.edu.au/>  
Maths 300 website: <http://www1.curriculum.edu.au/maths300/index.htm>

**Some suitable (adult) numeracy teaching websites:**

**Electrotechnology**

The EE-Oz pre-apprenticeship self assessment site, with new support links at the end of the test:

<http://www.nateeqsba.com/>

**Algebra resource - online**

An Algebra resource that aligns to Electrotechnology industry use.

<http://www.nateeqsba.com/algebra/index.htm>

**Vocational numeracy**

A vocational numeracy site, with pdfs and online navigation:

<http://www.dest.gov.au/archive/ty/litnet/numeracy/default.htm>

**Numeracy toolboxes**

**The Cybercentre:**

[http://toolboxes.flexiblelearning.net.au/demosites/series4/424/enter\\_cybercentre/index.htm](http://toolboxes.flexiblelearning.net.au/demosites/series4/424/enter_cybercentre/index.htm)

**Where's the party at?:**

[http://toolbox.vetonline.vic.edu.au/519/entry\\_page.htm](http://toolbox.vetonline.vic.edu.au/519/entry_page.htm)

**Your Online Learning Assistant (YOLA):**

<http://www.flexiblelearning.net.au/products/yola.htm>

For further information about numeracy resources please feel free to contact Dave Tout at CAE on [davet@cae.edu.au](mailto:davet@cae.edu.au) or phone 9657 8118