

## Numeracy module: Parents as partners in supporting students' numeracy outcomes

### Outcomes

This module will enable participants to explore:

- an understanding of numeracy
- the difference between mathematics and numeracy
- how and why partnerships with parents support students' numeracy outcomes
- strategies to support children's numeracy outcomes at home and at school.

### Module materials

- [PowerPoint presentation](#): *Parents as partners in supporting students' numeracy outcomes*
- [Background reading](#) for the facilitator
- Handout 5a: Priority Schools Programs. *Home, School and Community Partnerships Support Sheet #3, September, 2003* at [http://www.psp.nsw.edu.au/wcb-content/uploads/psp/file/Resources/support\\_sheet\\_3.pdf](http://www.psp.nsw.edu.au/wcb-content/uploads/psp/file/Resources/support_sheet_3.pdf) )
- Handout 5b: Priority Schools Programs. *Numeracy in Low Socio-Economic Status School Communities Support Sheet #8, June 2006* at [http://www.psp.nsw.edu.au/wcb-content/uploads/psp/file/Resources/support\\_sheet\\_8.pdf](http://www.psp.nsw.edu.au/wcb-content/uploads/psp/file/Resources/support_sheet_8.pdf) )
- Parents Count Too DVD (Contact Regional Schools Offices or Maths Consultants) <http://www.curriculumsupport.education.nsw.gov.au/primary/mathematics/numeracy/parents/index.htm>
- Handout 5c, 5d, 5e Department of Education, Science and Training Numeracy: Families working it out together Early, Middle and Later Years Flyers at [http://www.dest.gov.au/sectors/school\\_education/publications\\_resources/numeracy\\_numeracy/numeracy\\_families\\_working\\_it\\_out\\_together.htm](http://www.dest.gov.au/sectors/school_education/publications_resources/numeracy_numeracy/numeracy_families_working_it_out_together.htm)
- Handout 5f, 5g, 5h, 5i, 5j, 5k, 5l, 5m, 5n: Parents Count Pamphlets at: <http://www.curriculumsupport.education.nsw.gov.au/primary/mathematics/numeracy/parents/index.htm>

### Facilitator preparation

Read [background paper](#)

Review and photocopy handouts 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5j, 5k, 5l, 5m and 5n (1 for each participant)

Review [PowerPoint](#)

View and select appropriate segments of the Parents Count DVD. Parts of the DVD can be used to demonstrate activities parents can do at home with small children (Optional for Primary School communities).

### **Facilitator's notes/process**

Slides 1 and 2: Facilitator to present the title and outcomes for the module.

Slides 3 and 4: Facilitator to discuss why partnerships are important and what the research shows.

Distribute handout 5a Priority Schools Programs. *Home, School and Community Partnerships Support Sheet #3, September, 2003.*

Facilitator initiates discussion with the group around the strategies in the handout

Slide 5: Facilitator asks the question in the cartoon literacy or numeracy?

Slide 6: Participants brainstorm and discuss as a group their understandings of numeracy

Slide 7: Facilitator summarises the main points on the slide

Slide 8: Participants consider numeracy in everyday situations and discuss in pairs, small groups and entire group.

Slide 9: Facilitator summarises the main points on the slide

Slide 10: Facilitator discusses implications for parents and introduce activities and strategies parents can do at home to support numeracy with the following handouts:

Handout 5b: Priority Schools Programs. *Numeracy in Low Socio-Economic Status School Communities Support Sheet #8.*

Handout 5c, 5d, 5e Department of Education, Science and Training.

Numeracy: Families working it out together Early, Middle and Later Years Flyers.

Handout 5f, 5g, 5h, 5i, 5j, 5k, 5l, 5m, 5n: Parents Count Pamphlets.

Slide 11: Discuss resources currently available.