

# VCAL numeracy

Preston Reservoir Adult Community Education (PRACE) at Merrilands Community Centre

Session:

A

B

C

D

.. next

**Blended Learning in the Classroom**  
Using data projector for group-based computing

**Theme: Speed / velocity**

How fast, how far ..?

**Group discussion**

.. using mind-mapping software, onto big screen. Estimate various speeds.

**Theme: Location & maps**

How far, how to get there..?

**Locate your place**

.. using Google Earth software, on the big screen. Find your place, and trace your route

**Theme: Biggest Morning Tea**

Support for wider curriculum activities (personal development).

**Web Quest**

.. using web, find answers to questions which relate to the bigger activity of the day .. running the Morning Tea.

**Theme: Budgeting**

Budget for day trip to Show

**Find costs & tabulate**

Students work together to locate information on the web, and then key this into chart for calculation

**On-screen learning tools**

**Facilitation**

Communication technologies linking to home or workplace

**Support: mind-map**

Facilitated face to face discussion, using mind-mapping software to brainstorm student thoughts

**Support: question & discuss**

Face to face discussion, using software to engage student learning

**Support: whole group work**

After small group activity, focus returns to whole group; and overall budgets are compared: who spends the most / least etc.

**Support: small group work**

Students work in small groups to locate information on the web, as well as in printed documents

**Extended activities**

Follow up from initial engagement

**Measure own walking speeds**

.. using stop watch and pedometer .. later chart the comparative walking speeds of the group

**Melways Follow-up: estimate distances**

Capitalise on enthusiasm from software, to explore paper-based directory

**Personal development: run a Morning Tea**

The wider curriculum for the day is to organise a large activity for the centre.

**Melways Follow-up: estimate distances**

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**Designing E-learning: Blended Learning with Data Show, 2007**

**Australian Flexible Learning Framework**

supporting e-learning opportunities