

Appendix 5 | Professional learning workshop, 17-21 January 2005, Canberra

Monday Jan 17 University House and The Shine Dome	Tuesday Jan 18 CSIRO Discovery	Wednesday Jan 19 The Shine Dome	Thursday Jan 20 The Shine Dome	Friday Jan 21 The Shine Dome
<p>Engage 9.30 Coffee</p> <p>10.00-11.15 Letters of consent, initial data collection Mark Hackling</p> <p>11.15 Walk to the Shine Dome</p> <p>Session 2 The Shine Dome 11.30 Welcome Jim Peacock, John McKenzie, Trish Mercer</p> <p>11.45-12.45 What is good science teaching like? Introduction to pedagogical principles. Pairwise interviews. Russell Tytler</p>	<p>Explore 9.00-10.30 Exploring the curriculum units in stage-based groups. Facilitators: Early stage 1 Vaughan Prain Stage 1 Russell Tytler Stage 2 Mark Hackling Stage 3 Denis Goodrum</p> <p>Morning tea 10.30-11.00 11.00-12.30 Trying out the activities, making observations, discussing findings and developing explanations.</p> <p>Lunch 12.30-1.30 Tour of CSIRO Discovery 1.30-3.15 Overview of concepts and conceptual development in the units.</p> <p>Session 3 1.45-3.15 Exploring literacy practices Vaughan Prain</p> <p>Afternoon tea 3.15-3.45 3.45-4.15 Reporting back to whole group. How pedagogical principles are demonstrated in the units. Russell Tytler</p> <p>Session 4 3.45-4.30 Reflection, journaling and discussion in stage-based groups. Facilitators: Mark Hackling, Vaughan Prain, Russell Tytler, Marian Heard</p>	<p>Explain 9.00-9.45 Using technologies effectively Vaughan Prain</p> <p>9.45-10.30 Effective pedagogies surrounding the learning objects Lea Chapuis</p> <p>Morning tea 10.30-11.00 11.00-1.00 The 5Es model, cooperative learning strategies, effective questioning techniques. Denis Goodrum</p> <p>Lunch 1.00-2.00 2.00-4.00 Open investigations and inquiry. Break-out groups. Mark Hackling Facilitators: Vaughan Prain, Russell Tytler, Denis Goodrum</p> <p>Afternoon tea 4.00-4.30 4.30-5.00 Reflection, journaling and discussion in stage-based groups. Facilitators: Mark Hackling, Vaughan Prain, Russell Tytler, Denis Goodrum</p> <p>6.30 Dinner and tour of galleries, Questacon</p>	<p>Elaborate 9.00-10.30 Improving assessment practice Mark Hackling</p> <p>Morning tea 10.30-11.00 11.00-1.00 Unit planner and template, overall design of units Unit planning using the template Mark Hackling and Vaughan Prain Facilitators: Russell Tytler, Denis Goodrum (Teachers to bring their own curriculum resources to develop a unit during this session)</p> <p>Lunch 1.00-2.00 2.00-2.45 Reflection, journaling and discussion in stage-based groups. Facilitators: Mark Hackling, Vaughan Prain, Russell Tytler, Denis Goodrum</p> <p>Free afternoon 7.00 Dinner, The Deck, Regatta Point</p>	<p>Elaborate and Evaluate 9.00-10.00 Component mapping Russell Tytler</p> <p>Morning tea 10.00-10.30 10.30-12.30 Working with others, managing change through audit and action planning processes; building school commitment for whole-school implementation. State-based groups. Facilitators: Mark Hackling, Vaughan Prain, Denis Goodrum, Ina Kuehlich</p> <p>Lunch 12.30-1.30 1.30-2.00 Reflection, journaling and discussion in stage-based groups. Facilitators: MH, VP, RT, DG 2.00-2.30 Evaluation of workshop 2.30-3.30 Celebration, closure and drinks 4.00 Buses depart for airport</p>