

# Models of Engaged Learning and Teaching

# MELT

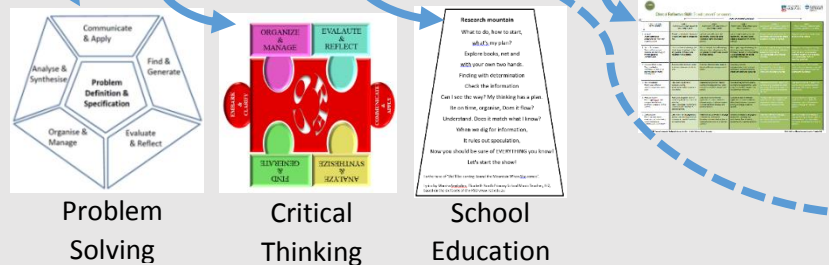
## Workshop

South Australian universities, 30 Nov. 2016



**RSD Research Skill Development Framework**

	Practical Research	Statistical Research	Qualitative Research	Open-ended Research	Unbounded Research
<b>Facets</b>	<p><b>Problem Solving</b></p> <p>Communicate &amp; Apply</p> <p>Analyse &amp; Synthesise</p> <p>Organise &amp; Manage</p> <p>Find &amp; Generate</p> <p>Problem Definition &amp; Specification</p> <p>Evaluate &amp; Reflect</p>	<p><b>Critical Thinking</b></p> <p>ORGANISE &amp; MANAGE</p> <p>EVALUATE &amp; REFLECT</p> <p>ANALYSE &amp; SYNTHESISE</p> <p>COMMUNICATE &amp; APPLY</p> <p>PROBLEM DEFINITION &amp; SPECIFICATION</p> <p>FIND &amp; GENERATE</p>	<p><b>School Education</b></p> <p>Research mountains</p> <p>What do you know? What do you want to know? Why do you want to know? How do you want to know? When do you want to know? Where do you want to know? Who do you want to know? What if you don't know? What if you can't know? What if you don't want to know?</p>	<p><b>Researcher Skills</b></p> <p>Table 1. Researcher Skill Development Framework, 2016</p>	<p><b>Work Skills</b></p> <p>Table 2. Work Skills Development Framework, 2016</p>



The different adaptations of the RSD that comprise the MELT

Your MELT

Your Context

Would you like graduates of your programs to have developed deep understandings of subject matter *and* a research or problem solving mindset?

Do you want to foreground critical thinking and use technology to support its development, not have technology drive the agenda?

How can you help students to connect together the skills associated with problem solving, critical thinking, clinical reasoning and researching in ways that enable these skills to mutually reinforce across multiple semesters of a degree?

This workshop will help you address these questions and produce a draft MELT that suits your context. The idea of MELT comes from academics, tutors and librarians who have collaborated and adapted the six facets of Research Skill Development (RSD) framework to suit a range of contexts and in ways we didn't expect. Multiple uses of the MELT with context-appropriate terminology provides various opportunities for these facets to become student *thinking routines* that develop researching, critical thinking and problem solving mindsets by graduation. This workshop provides you with collaborative time to learn about others' models and adapt these so that you can MELT and mould your course or learning context:

- 🔥 learning sessions in lecture theatres, tutorials, labs, library, field, & online
- 🔥 formative and summative assessment for feedback within & between subjects
- 🔥 individual subjects or across degrees, face to face, fully online & blended
- 🔥 undergraduate, coursework Masters, research degrees & foundations.

Workshop 30th November 2016, 9.30am – 3.30pm, University of Adelaide, Lower Napier Building, North Terrace, Room LG24. Register & coffee 9.30 am.

**Part A 10.00-12.00:** Learn about or retune your understanding of the six facets of thinking in the MELT and collaboratively adapt these to your teaching context.

**Lunch 12.00 noon- 1.00**

**Part B 1.00- 3.30** Use your adapted version of MELT to plan specific learning and assessment activities.

**Facilitator** [Dr John Willison](#), University of Adelaide, National Senior Teaching Fellow.

**Registration** <http://tiny.cc/6asagy> by COB 25 November, no charge.

**More details** [www.rsd.edu.au](http://www.rsd.edu.au) or email [john.willison@adelaide.edu.au](mailto:john.willison@adelaide.edu.au) #I-MELT

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