**Models of Engaged Learning and Teaching (MELT)**

For educators to facilitate the explicit, coherent, incremental and cyclic development of the skills associated with … [researching, problem solving, critical thinking, clinical reasoning…]

### Facets of Research

<table>
<thead>
<tr>
<th>Follow</th>
<th>Improvise</th>
<th>Initiate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students develop an inquiring mindset through engagement with content and increasing awareness of ethical, cultural, social and team (ECST) aspects, when they…</td>
<td>Scaffolds placed by educator shape independent student work</td>
<td>Students determined guidelines that are in accord with subject, discipline or context…</td>
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#### Embark & Clarify
**What is our purpose?**
Students respond to or initiate research & clarify what knowledge is required, considering ECST issues.

#### Find & Generate
**What do we need?**
Students find & generate needed information/data using appropriate methodology.

#### Evaluate & Reflect
**What do we trust?**
Students determine the credibility of sources, information & data, & make own research processes visible.

#### Organise & Manage
**How do we arrange?**
Students organise information & data to reveal patterns/themes, managing teams & processes.

#### Analyse & Synthesise
**What does it mean?**
Students analyse information/data critically & synthesise new knowledge to produce coherent individual/team understandings.

#### Communicate & Apply
**How will we relate?**
Students discuss, listen, write, respond to feedback & perform the processes, understandings & applications of their study heeding ECST issues and needs of audiences.

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The MELT mentality is adaptation to fit your students' learning needs and your context. If you do adapt terminology or shape, but keep the ideas underlying the six facets, then please use the logo and provide a statement like this:[your model's name] is a MELT by [your name], [date]. See www.melt.edu.au & contact [your email address.] And let me know john.willison@adelaide.edu.au