A model for understanding critical thinking

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Content
- Organises work plans
- Provides structure in textbooks
- Associated with 'rigour'
- Informs assessment

Inquiry
Inquiry is the process through which the cognitive skills are developed and in which feedback is provided

Values of inquiry
- Applied discerningly
- At the core of professional practice
- Provide feedback on cognitive skills
- Have broad application across disciplines

Virtues
- Come from mastery of the values
- Are characteristic of effective thinkers
- Create knowledge producers

Pedagogical imperatives
Principles of action
- Shift the focus from knowledge to inquiry
  To allow opportunity to develop the cognitive skills
- Think and plan in the language of student cognition
  To facilitate metacognition and provide a language of feedback
- Work collaboratively when thinking can be shared
  To allow the norms of critical thinking to be established

Values
- Clarity
- Precision
- Accuracy
- Relevance
- Coherence
- Cogency

Propositions
- F=ma
- PEEL for paragraph structure
- The Romans weren't all bad
- Socrates taught Plato
- y=mx+C

Pedagogical
imperatives

Conceptual

Cognitive Skills
Things we do with knowledge

IB terms
- analyse
- compare
- deduce
- discuss
- evaluate
- explain

QCAA terms
- evaluate
- analyse
- explain
- synthesize
- apply

Inquiry

Virtues
- Affective dispositions
  - evidence
  - open-mindedness
  - integrity
  - curiosity
  - honesty
  - persistence

Pedagogical
imperatives

Principles of action

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Think and plan in the language of student cognition
To facilitate metacognition and provide a language of feedback

Work collaboratively when thinking can be shared
To allow the norms of critical thinking to be established

A model for understanding critical thinking

Conceptual

Practical