

How do our students grow as thinkers while they are with us?

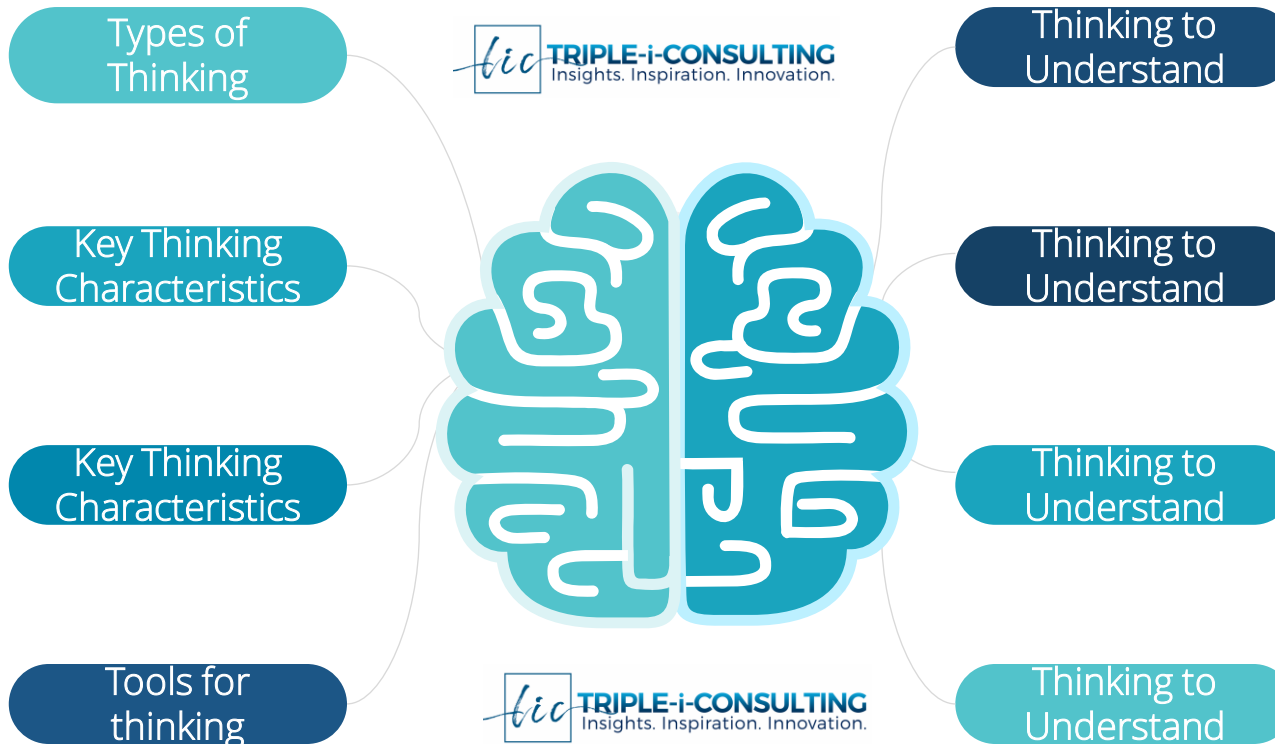
Building a Culture of Thinking

Developing thinking behaviours and mindsets

What kind of thinking adults do we aspire our students to be?

- Critical and Creative Thinking
- Systems and Design Thinking
- Analytical, Logical & Ethical Thinking
- Complexity and Conceptual
- Inductive, Deductive, Parallel

Creating ongoing opportunities for thinking
Using thinking to lead to extended understanding



1. Looking clearly and describing
2. Explaining and interpreting
3. Asking further clarifying questions, developing curiosity
4. Using evidence to support ideas
5. Making connections between concepts, ideas, examples etc.
6. Considering different perspectives
7. Summarising
8. Drawing conclusions

Harvard Visible Thinking Routines, De Bonos Thinking Hats and CORT Thinking, Thinkers Keys, Blooms Taxonomy, DOK, Depth and Complexity, Role of Questions, Conceptual connections

Understanding isn't just something we do before applying, analysing, evaluating or creating. It's the result of doing all of these. Understanding is the outcome of thinking

Includes:

1. Spotting patterns and coming up with their own generalisations
2. Thinking of different options and choices
3. Judging evidence, arguments, actions
4. Recognising assumptions and biases
5. Clarifying essential information, considerations and circumstances

6 Facets of Understanding: (McTighe)

Explanation	Interpretation
Application	Perspective
Empathy	Self-Knowledge

Making students thinking and understanding visible

Reference: Adapted from Cultures of Thinking in Action
Ritchhart, R. (2023) Cultures of thinking in action: 10 mindsets to transform our teaching and students' learning. Hoboken, NJ: Jossey-Bass.

Cognitive Agility

Questioning Skillsets