

THINKING ROUTINES 2.0 MATRIX

From the upcoming book *Making Thinking Visible 2.0* by Ritchhart, Church & Boix-Mansilla (2019)

Routine	Key Thinking Moves	Notes
<i>Routines for ENGAGING WITH OTHERS</i>		
Give one Get one	Brainstorming, explanation	Good for idea generation and sharing. Gets students moving & talking
Ladder of Feedback	Analysis & feedback	Structure for giving oral or written feedback. Used by teachers & students
Leaderless Discussion	Questioning, probing, & listening.	Used with text/Lit to help students take ownership of discussion. Ask good questions
4 corner Debate	Analysis, reasoning, justification, listening	Students choose a position on a controversial proposition/statement & develop an argument.
Making Meaning	Making connections, exploring complexity, raising questions	Use to define a topic or concept, e.g. Leadership. A structured version of the chalk talk routine. Can be done with the teacher as scribe. Yields a definition
SAIL: Speak, Ask, Ideas, Learned	Getting feedback and exploring possibilities. Design thinking. Clarifying	Used to share a rough prototype, plan or draft with a small group to further clarify plan and generate new ideas.
<i>Routines for ENGAGING WITH IDEAS</i>		
Question Sorts	Questioning, inquiry	Quick summaries of the big ideas or what stands out
Peeling the Fruit	Noticing, wondering, explaining, connecting, reasoning, perspectives, capturing the heart	Can be used to structure the exploration of a topic in order to build understanding. Works well with poems, art works, essays, but also larger topics of inquiry. Can be an evolving document
Story Routine	Perspective, complexity, connections, analysis, wondering	Often used with artwork or visuals to explore different “stories.” Can be used as a metaphor for analysis and going deeper in other areas such as math, science
Unveiling Stories	Perspective, complexity, analysis, exploration	Looking at issues, events through various lenses to uncover their complexity
Beauty & Truth	Noticing, complexity, explanations, capturing the heart	Used with visuals or stories to identify where beauty and truth reside and how they intersect.
Step In, Out, Back	Perspective taking, exploring complexity	Similar to Step Inside but builds in exploration & learning about a perspective to avoid self-projection
My favorite No	Analysis	Used with math problems of grammar to analyze what was correct and what was an error.
<i>Routines for ENGAGING IN ACTION</i>		
PG&E: Predict, Gather, Explain	Reasoning with evidence, analysis, explanations	Used before an experiment or inquiry
Get ICE: Image, Clear, Estimate	Predicting, visualizing, clarifying	Used in problem solving to clarify what one is to do and likely to find out before beginning
B-Sure-2	Analysis, planning, explanations, connections	Analyzing exemplars to identify personal or group goals and actions
What? So What? Now What?	Capturing the heart, explanations, implications	Used for taking stock, identify the meaning of actions, and planning future actions.
3 Y's *	Connections, Perspective taking, complexities	Used with an issue or problem to explore how it affects different groups from self to world.
4 IF's	Connections, Perspective taking, complexities	Used with an issue or problem to explore how possible actions that might be taken in response.
<i>Routines for ENGAGING IN REFLECTION</i>		
ESP+I	Questioning, heart, explanations, analysis	Useful to distill and reflect on an experience or problem based situation
Insights and Questions	Questioning, heart	Quick distillation of learning
Take Note	Synthesis, questioning, heart	Can be used as an exit ticket strategy or to encourage discussion and exploration of a topic after information has been presented.
+ 1?	Memory, connections, synthesis	Alternative note taking method focused on using memory and improving other's notes
NDA: Name, Describe, Act	Looking closely, memory	Used with a visual, similar to See-Think-Wonder but only focused on the noticing and describing
How Else and Why	Perspective taking, complexities	Used to consider audience for one's statements and rephrase them so that they can be heard and well received by the intended audience.