

STRATEGIES OF CRITICAL THINKING* ARRANGED ACCORDING TO EPISTEMES

(How we perceive, structure, order & relate what is going on.)

or, How we observe, evaluate, plan, and implement WIGO (what is going on) in our lives

<u>I</u> <u>Sensing / Feeling / Egocentrism</u>	<u>II</u> <u>Classification / Dualism / Authority</u>	<u>III</u> <u>Objective Science / Relating Things</u>	<u>IV</u> <u>Subjective Science / Humanism</u>	<u>V</u> <u>Unity</u>
Sensing (as in visualizing, moving, weighing, smelling, etc.)	Categorizing, classifying and conceptualizing	Differentiating maps from territories (verbal and mathematical symbols from process world)	Perceiving patterns of thought	Perceiving oneness
Symbolizing (as in imagery, dance, music, drama, crafts)	Identifying, naming, and reifying	Relating maps to territories (fitting symbols to referents)	Accepting uncertainty	Perceiving rhythms
Trial and error experimenting	Listing and describing	Selecting-omitting-emphasizing and being aware of same (consciousness of abstracting)	Disidentifying from thought patterns	Conceiving the cosmos
Projecting	Defining	Recognizing and modifying pre-conceived and unconscious maps--attributions, assignments and prohibitions	Acknowledging role of observer and observing instruments in all perceptions	Resolving opposites
Imagining	Following pre-conceived value constructs	Recognizing process nature of reality	Choosing appropriate thought patterns	<i>(Note: Dr. Lauer's original handout in this format doesn't include Stage V. The only list of Stage V metacepts I recall seeing is the short one, above, from the "Roots of Knowing" overview, though she wrote on Stage V separately.—Gloria Sturzenacker)</i>
Transferring images, as in metaphors	Mastering logical syllogisms	Time-binding--perceiving and using past-present-future	Transforming--as in synergizing and altering patterns of consciousness	
Intuiting	Deducing from axioms or truths, generalities and categories	Recognizing continua in nature and language	Participating and observing simultaneously	
Dreaming and fantasizing	Deducing causes and effects	Reflecting upon mental processes--thinking about thinking	Co-creating, as in engaging in group decision making and achieving consensus	
Emoting	Remembering, copying, and recording in various modalities	Mapping--distinguishing among facts, inferences, opinions, judgments	Considering and choosing value priorities	
Associating freely	Learning and following rules	Researching	Committing to values of choice	<div>III (Continued)</div> Negotiating Cooperating and competing Persuading--influencing, manipulating Distinguishing among dependency, independence Sequencing events, causes and effects Perceiving consequences of actions Seeing similarities of means and ends Breaking down boundaries and limits Shifting categories Recognizing reciprocal patterns and sequences Coping with multiple variables and views
Playing--alone and in groups	Acquiring routine life coping skills (how-to-do-its)	Observing systematically	Reconciling opposites	
Randomizing	Establishing and following good habits	Hypothesizing and speculating	Choosing appropriate life style	
Wishing and wanting	Establishing group structures	Suspending judgment, delaying reactions	Awareness of principle of unlimited resources	
Asserting wants	Diagramming and charting	Objectifying and isolating variables		
	Memorizing	Evaluating evidence		
	Concluding and finalizing	Recognizing and using various problem-solving strategies	Using ratios and equations and co-variance	
	Monologuing	Analyzing systems--relations between and among parts	Applying and transferring	
	Recognizing opposites	Inducing-deducing (natural order of abstracting)	Changing and substituting	
	Arguing different sides with logic	Correlating	Recognizing and coping with units of social organization of various sizes	
		Comparing and contrasting	Constructing and re-constructing	
		Synthesizing, combining and recombining	Balancing	
		Predicting	Harmonizing	
			Empathizing	
			Interacting and transacting	
			Recognizing and modifying life scenarios	
			Dialoguing and exchanging	

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** This is a recreation of one of Dr. Lauer's class handouts. I consider it to be her master list of metacepts.—Gloria Sturzenacker)*