

Table 1 General Equivalence of Some Models of Adult Thinking (updated from Nuhfer & Pavelich, 2001, NTLF v. 11, n. 1, pp. 5-8)

Emphases	content-intensive emphasis			+process-intensive emphasis				+self-reflection	+ judgment from experience	
Perry, 1968; 1999 2 nd ed.	1. Basic Duality	2. Mulptiplicity pre-legitimate		3. Multiplicity Subordinate	4. Relativism Subordinate	5. Contextual Relativism	6. Commitment Foreseen	7. Initial Commitment	8. Multiple Commitments	9. Resolve
King & Kitchener, 1994	1. Knowledge Experienced	2. Experience and authority as source		3. Unclear distinction of evidence from belief	4. Evidence accepted that fits established belief	5. Beliefs justified within context	6. Beliefs justified by comparing evidence and opinion	7. Beliefs justified based on relative value of competing evidence		This area is not a product of cognitive development alone. This includes metacognition and realm of “Emotional Intelligence” (Goleman, 1995) and possibly Carper's (1975) Aesthetic & Ethical Ways of Knowing. Actions and decisions employ sophisticated frameworks of reasoning plus a recognized influence of an ethical framework, and affective factors of self & others.
Blosser, 1973; 1991	1. Cognitive Memory	2. Convergent Thinking	3. Divergent Thinking & 4. Evaluative Thinking (crude with poor justifications)			4. Evaluative Thinking (with better justifications)		4. Evaluative Thinking (with increasingly sophisticated justification)		
Bloom, 1956	1. Knowledge	2. Comprehension	3. Application 4. Analysis 5. Synthesis 6. Evaluation (5 & 6 done crudely)			5. Synthesis (done better) 6. Evaluation (done better)		6. Evaluation (done with increasing sophistication)		
“SOLO” Biggs & Collis, 1982	1. Pre-structural	2. Unistructural	3. Multistructural			4. Relational		5. Extended abstract		
De Bono, 1985	White Hat (factual)		+ Black hat, Yellow hat (advocacy based on facts)					+ Green Hat (creative thinking)		+ Red Hat (emotional) + Blue Hat (conscious synthesis of all hats)

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