ICE Wilson (1996); Fostaty Young & Wilson (2000) Fostaty Young (2005)

Fundamentals; Facts; discrete skills or concepts; Steps in a process; Vocabulary; Definitions; Information

Ability to articulate relationships; relate new learning to what is already known; combine two or more discrete skills

Extensions

Extrapolate to novel situations; Postulate or anticipate outcomes; Understand implications of learning; Ability to hypothesize

Words Associated with Different Qualities of Learning

Ideas

assemble calculate cite compile define	describe duplicate follow identify imitate	label list locate match memorize	mimic name operate participate recall recite recognize	replicate report repeat reproduce state tolerate trace
			5	

Connections

adjust alter apply blend	classify code collate combine compare	coordinate diagram differentiate discriminate distinguish	illustrate infer integrate interpret modify	reframe relate solve transfer
calibrate	compute	estimate	organize	
categorize	convert	explain	rate	

Note: verbs such as blend, collate and adapt may refer to skill (psychomotor) and affective development as well as cognitive learning

Extensions

analyze appraise compose create	critique defend derive design	evaluate extrapolate hypothesize invent	judge justify predict propose project	rationalize
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Based on the ICE taxonomy described in:

Fostaty Young, S. & Wilson, R.J. (2000). Assessment and Learning: The ICE approach. Winnipeg, MA: Portage and Main Press.

Fostaty Young, S. (2005). Teaching, learning and assessment in higher education: Using ICE to improve student learning. *Proceedings of the Improving Student Learning Symposium*, London, UK, *13*, 105-115.