


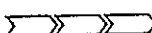



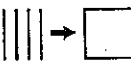




Thinking Keys for Depth of Learning

Dimensions of Depth and Complexity	Depth	
		
Language of the Discipline <i>Academic language, vocabulary, using correct terms, language and tools used by the discipline studied</i>	Details <i>Facts, attributes, traits, noting evidence, observation, description, comparison</i>	
Patterns <i>Noting repetition, observation, relevance vs. irrelevance, prediction, order</i>	Rules <i>Understanding structure and cause, generalizing, judging with criteria, "...because..."</i>	Trends <i>Noting influences, forces, direction, course of action, determine cause and effect, predict</i>
Unanswered Questions <i>Missing parts, unclear or incomplete ideas, discrepancies, noting ambiguity, fact/fiction/opinion, unresolved issues</i>	Ethics <i>Differing opinions, values, morals, discrimination, argumentation, judging with criteria, determining bias, controversy</i>	Big Idea <i>Generalizations, identifying main ideas, how do ideas relate to overarching concepts or themes, principles, theories, summarize</i>
Relate over time <i>Relationship between past, present, and future, sequence, order, prediction, connecting, comparing and contrasting</i>	View from different perspectives <i>Opposing viewpoints, multiple perspectives, differing roles and knowledge, determining bias, classifying, arguing</i>	Across disciplines <i>Relationships within and between subjects or disciplines, common elements, Making connections & associations, integration</i>

Facilitating the NEW Prompts of Depth and Complexity

Icons -- Depth	Prompt	Key Questions	Thinking Skills	Resources
	Impact	How does _____ influence _____? What are the effects of _____ on _____?	affect identify force	quotes editorials persuasive essays
	Process	What steps are used to create this? What type of procedure is involved?	sequence connect link order arrange	continuum storyboard flow chart timeline
	Motive	What is causing this to happen? How is the idea or work stimulated?	reason excite inquire explain	biographies autobiographies interviews
	Proof	What information verifies this? How can this be validated?	determine fact vs. opinion support with evidence authenticate prove document	statistics maps encyclopedia

Icons -- Complexity	Prompt	Key Questions	Thinking Skills	Resources
	Context	What determines the outcome of an event? What features, conditions, or circumstances describe the situation? How does the environment shape or affect what is happening?	define describe illustrate influence	pictures descriptive essay narratives virtual field trips almanacs video tapes
	Translate	What are the multiple and varied meanings of the language? How is the same idea interpreted in different situations and by different people?	restate interpret reconcile express explain convert transfer	thesaurus dictionary of professional terms dictionary
	Original	Why is it new? What makes it new? How does time and place make it new?	create design innovate modify redesign	copyright laws encyclopedia artifacts museums
	Judgment	What factors will influence what is happening? How is the decision to be made?	decide determine agree disagree verify investigate Identify options to argue	laws newspapers philosophy books

The elements of depth encourage deeper, focused study. The elements of complexity make connections and relate the subject to other studies and help clarify the relevance of what is studied – to the student, to the discipline, and to the larger world.