

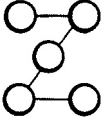
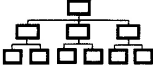
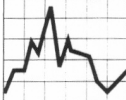

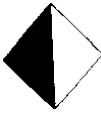






Thinking Keys for Depth of Learning

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

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.