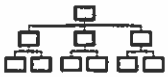
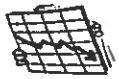
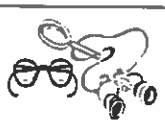
Depth & Complexity Icon Chart

Depth	Icon	Definition	Example
Language of the Discipline		What vocabulary terms are specific to the content or discipline?	Tools Jargon Icons Acronyms Special phrases Terms Slang Abbreviations
Details		What are the defining features or characteristics? Find examples and evidence to support opinions and ideas.	Parts Factors Attributes Variables Distinguishing Traits
Patterns		What elements reoccur? What is the sequence or order of events? Make predictions based on past events.	Predictability Repetition
Unanswered Questions	???	What information is unclear, missing, or unavailable? What evidence do you need? What has not yet been proven?	Missing Parts Incomplete Ideas Discrepancies Unresolved issues Ambiguity
Rules		What structure underlies this subject? What guidelines or regulations affect it? What hierarchy or ordering principle is at work?	Structure Order Reasons Organization Explanation Classification "Because..."
Trends		Note factors (Social Economic, Political, Geographic) that cause events to occur. Identify patterns of change over time	Influence Forces Direction Course of Action Compare, Contrast and Forecast
Ethics		What moral principles are involved in this subject? What controversies exist? What arguments could emerge from a study of this topic?	Values Morals Pro and Con Bias Discrimination Prejudice Judging Differing Opinions Point of View Right and Wrong Wisdom
Big Ideas		What theory or general statement applies to these ideas? How do these ideas relate to broad concepts such as change, systems, chaos vs. order, etc? What is the main idea?	Draw conclusions based on evidence Make generalizations Summarize Theory Principle Main Idea
Across the Disciplines		Relate the area of study to other subjects within, between, and across disciplines.	Connect Associate Integrate Lind Ideas Cross-Curricular study
Changes over Time		How are elements related in terms of the past, present, and future? How and why do things change? What doesn't change?	Connecting points in time Examining a time period Compare and Contrast
Different Perspectives		How would others see the situation differently?	Different roles and knowledge Opposing viewpoints

Based upon the work of Sandra Kaplan

Dimensions of

Depth and Complexity

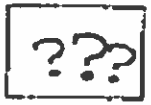
Depth


Language of the Discipline


Details


Patterns


Trends



Unanswered Questions


Rules


Ethics


Big Ideas

Complexity

Over Time


Points of View


Across Disciplines

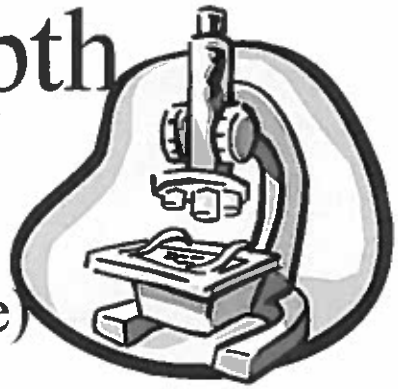
Key points :

- Can be used in all disciplines
- Built with levels that take students deeper into the discipline
- Icons are used to prompt each level of depth and complexity
- Over time students will go deeper and gain a greater understanding of the content they are studying

Based on the work of Sandra Kaplan

Approaches to Greater Depth

(Sandra Kaplan, USC)



- Language of the Discipline (experts' nomenclature)
- Details (parts, factors, attributes, variables)
- Patterns (repetition, predictablility)
- Trends (influence, forces, direction, course of action)
- Unanswered Questions (discrepancies, missing parts)
- Rules (structure, order, hierarchy, explanation)
- Ethics (points of view, judgments, opinions)
- Big Ideas (generalizations, principles, theories)

COMPLEXITY: Making Connections (Sandra Kaplan, USC)

- Relationships Over Time (between past, present, and future; within a time period)
- Points of View (multiple perspectives on the same event, opposing viewpoints, differing roles and knowledge)
- Interdisciplinary Relationships (within the discipline, between disciplines, across the disciplines: aesthetics, economics, history, philosophy, psychology, mathematics, science)