	Icons	Prompt	Key questions or tasks	Thinking Skills	Sample Resources
		Language of the Disciplines	What terms or words are specific to the work of the (disciplinarian)? What tools does the (disciplinarian) use?	✓ categorize✓ identify	textsbiographies
enth	253	Details	What are its attributes? What features characterize this? What specific elements define this? What distinguishes this from other things?	 ✓ identify traits ✓ describe ✓ differentiate ✓ compare/contrast ✓ prove with evidence ✓ observe 	picturesdiaries or journalspoetry
Flements of Depti	0_0	Patterns	What are the reoccurring events? What elements, events, ideas, are repeated over time? What was the order of events? How can we predict what will come next?	 ✓ determine relevant vs. irrelevant ✓ summarize ✓ make analogies ✓ discriminate between same and different ✓ relate 	timelinesother chronological lists
		Trends	What ongoing factors have influenced this study? What factors have contributed to this study?	 ✓ prioritize ✓ determine cause and effect ✓ predict ✓ relate ✓ formulate questions ✓ hypothesize 	journalsnewspapersgraphscharts
	? ? >	Unanswered questions	What is still not understood about this area, topic, study, or discipline? What is yet unknown about this area, topic, study, or discipline? In what ways is the information incomplete or lacking in explanation?	 ✓ recognize fallacies ✓ note ambiguity ✓ distinguish fact vs. fiction and opinion ✓ formulate questions ✓ problem solve ✓ identify missing information ✓ test assumptions 	 multiple and varied resources comparative analyses of autobiographical and current nonfiction articles, etc.

Icons	Prompt	Key questions or tasks	Thinking Skills	Sample Resources
	Rules	How is this structured? What are the stated and unstated causes related to the description or explanation of what we are studying?	✓ generalize✓ hypothesize✓ judge credibility	editorialsessaylawstheories
	Impact	How does influence? What are the effects of on?	✓ affect ✓ identify ✓ force	quoteseditorialspersuasive essays
	Process	What steps are used to create this? Why type of procedure is involved?	✓ sequence✓ connect✓ link✓ order✓ arrange	continuumstoryboardflow charttimeline
$\circ O_{\circ}$	Motive	What is causing this to happen? How is the idea or work stimulated?	✓ reason✓ excite✓ inquire✓ explain	biographiesautobiographiesinterviews
	Proof	What information verifies this? How can this be validated?	 ✓ determine fact vs. opinion ✓ support with evidence ✓ authenticate ✓ prove ✓ document 	statisticsmapsencyclopedia
	Ethics	What dilemmas or controversies are involved in this area, topic, study, or discipline? What elements can be identified that reflect bias, prejudice, and discrimination?	✓ judge with criteria✓ determine bias	editorialsessaysautobiographiesjournals
	Big ideas (generalization , principles, and theories)	NATIONAL AND	✓ prove with evidence✓ generalize✓ identify the main idea	quotationsdiscipline-related essays

	Icons	Prompt	Key questions or tasks	Thinking Skills	Sample Resources
	Present Presen	Over time	How are ideas related between the past, present, and future? How are those ideas related within or during a particular time period? How has time affected the information? How and why do things change or remain the same?	✓ relate✓ sequence✓ order	 time lines text biographies autobiographies historical documents
×it×e	60	Different points of view	What are the opposing viewpoints? How do different people and characters see this event or situation?	✓ argue✓ determine bias✓ classify	 biographies autobiographies mythologies and legends vs. non- fiction accounts debates
Elements of Complexity		Interdisciplinary Relationships	How is "across disciplines" related to "multiple perspectives? How do experts in a discipline learn from experts in other disciplines? How would you describe a topic's place in more than one discipline or subject area?	 ✓ describe ✓ prioritize importance ✓ identify relationships ✓ judge with criteria ✓ compare and contrast 	 biographies autobiographies economics data collection and analysis communicating research finding human behavior
		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 ✓ recite ✓ express ✓ explain ✓ convert 	thesaurusdictionary of professional termsdictionary

Icons	Prompt	Key questions or tasks	Thinking Skills	Sample Resources
			✓ transfer	
	Original	Why is it new? What makes it new? How does time and place make it new?	✓ create✓ design✓ innovate✓ modify✓ redesign	copyrightlawsencyclopediaartifactsmuseums
-?-	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 	lawsnewspapersphilosophy books

Para	What evidence can we cite to show that some ideas or events are parallel? Identify attributes of parallels among two o more subject areas Compare and contrast parallel patterns in	 ✓ identify attributes ✓ compare and contrast ✓ judge with criteria ✓ support and prove with evidence ✓ controls, variable Iaws, principles, theories
Parac	Judge the authenticity of the paradoxes related to Differentiate fact from fiction to determine paradoxes in Develop criteria for deciding what makes oparadox in	from irrelevant • political cartoons • aroup behaviors
Orig Orig	Prove with evidence the source or origin of Trace the beginnings of Identify the origins of	 ✓ note ambiguity ✓ identify missing information ✓ test assumptions ✓ prove with evidence ✓ novels ✓ fairy tales ✓ statistics ✓ number system ✓ political structure ✓ inventions
Contrib	Use the language of the discipline to describe the contributions, over time of two Prioritize the relative value of Judge with criteria the impact of on the overall source.	from irrelevant etc. ✓ judge with criteria technology ✓ prioritize civilizations
Converg	Provide with evidence that a convergence ideas led to the What relationships exist between and that led to the field of? State and test assumptions about the and which converge in the	 ✓ recognize relationships ✓ state and test ✓ assumptions ✓ identify cause and ✓ emerging