

QEP Critical Thinking “Student Quick Guide”

Analyze & Interpret		Reach Sound Conclusions	
Learning Outcome 1 I will analyze and interpret relevant information.		Learning Outcome 2 I will reach sound conclusions based on a demonstrated reasoning process.	
When I analyze and interpret, I...	Articulate Assemble Break down Calculate Categorize Choose Clarify Compare Contrast Decipher Define Detail Determine Differentiate Discover Discuss Dissect Distinguish Examine Find Gather Identify Inspect Investigate Label Map Match Organize Outline Paraphrase Relate Rephrase Resolve Select Separate Signify Summarize Understand	When I reach sound conclusions, I...	Apply Complete Conclude Consider Construct Decide Deduce Determine Develop Experiment Explain Hypothesize Identify Imply Induce Organize Position Predict Present Reason Recognize Recommend Select Settle Solve Suggest Support Think Utilize
When I analyze and interpret, I ask...	What do I already know about it? What have I learned about it? What do I want to know about it? What can I say about it? What do I think about it? How would I explain it? What would I use to support it? What is the significance of the support? What is valid? What is relevant? What has meaning? What information is most important? How would I best organize the information? How would I categorize or classify the different parts? What is the purpose or motive? What are my assumptions about it? Who, what, when, where, why and how?	When I reach sound conclusions, I ask...	What is my evidence? What is my opinion? What evidence can I use to support my opinion? Is it fact of opinion and why? What are the examples? How would I organize it? What is my conclusion or solution? What is my decision or position? What do I agree or disagree with? What are the consequences of the actions? What are the implications? Who is affected by this? What evidence did I examine before I come to a conclusion? Are there other sides to the story? Is there another way to look at it? Do I have more questions that need to be answered?

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Evaluate and Explain				Exhibit Dispositions							
Learning Outcome 3 I will evaluate and explain relevant information.				Learning Outcome 4 I will exhibit affective dispositions known to characterize critical thinkers.							
When I evaluate and explain relevant information, I...	Agree	Decide	Prioritize	When I exhibit dispositions, I am ...	Analytical	Mature in Judgment	Systematic				
	Analyze	Decipher	Prove		Confident in Reasoning	Open-minded	Truth-seeking				
	Appraise	Defend	Rate		When my thinking patterns do not exhibit critical thinking, I rely on ...	Appeal to pity Argument, distortion or exaggeration, Personal Bias	Insufficiently grounded belief False Cause Faulty Analogy Hasty Conclusion Overgeneralization	Oversimplification Personal attack Poor Assumptions Selective perception Stereotyping			
	Argue	Demonstrate	Rationalize								
	Articulate	Describe	Reason								
	Assemble	Disagree	Relate								
	Assess	Discover	Resolve								
	Calculate	Discriminate	Select								
	Choose	Dispute	Separate								
	Communicate	Estimate	Show								
	Compare	Evaluate	Support								
	Conclude	Gauge	Tell								
	Consider	Illustrate	Test								
	Contrast	Judge	Unravel								
	Critique	Justify									
	Debate										
	When I evaluate and explain relevant information, I ask...	Is the claim credible and valid?							When I exhibit critical thinking habits, I am guided by questions like...	Do I understand critical thinking?	
What is strong about it and what is weak?			Am I willing to think critically?								
What is the most important information?			Am I open-minded?								
What information supports the claim?			Is it important to understand what other people think?								
How would you justify the information used?			Do I know my own biases?								
What is the central idea or main topic?			Do I seek out only those facts that support my position?								
Do you agree or disagree with the information? Why?			Do I tolerate an opposing viewpoint or opinion?								
How did you separate fact from opinion?			Do I seek information from outside sources to help with my decision?								
What position have you taken?			Do I manipulate or omit information to support my position?								
How strong is your decision or position?			Do I rush into decisions?								
What opposing viewpoints did you consider?			Am I confident in my reasoning?								
Can you explain it in your own words?			Is it important to me to know what is true and what is not? Or, is it important for me to be right?								
How would you summarize your viewpoint/opposing viewpoint?			Do I tend to agree with the majority?								
How would you prioritize?			Do I ask questions?								
Is there information missing?			Do I change my opinion under pressure?								
What are your questions about it?			Do I sometimes question my own beliefs?								
Are there alternate interpretations or explanations?			Is coming to a thoughtful decision/solution important to me?								
Are there alternate conclusions or solutions?			Do I consider the consequences of your decisions?								
What can you recommend?			Why is a “no” answer to any of these questions problematic?								