

Questions to Prompt Metacognitive Processing

Planning	Monitoring	Evaluating
<ul style="list-style-type: none"> • What are the goals of the class session going to be? 	<ul style="list-style-type: none"> • What insights am I having as I experience this class session? What confusions? 	<ul style="list-style-type: none"> • What was today's class session about? Can I explain the material to someone else?
<ul style="list-style-type: none"> • What do I already know about this topic? 	<ul style="list-style-type: none"> • What questions are arising for me during the class session? Am I writing them down somewhere? 	<ul style="list-style-type: none"> • What did I hear today that is in conflict with my prior understanding?
<ul style="list-style-type: none"> • How could I best prepare for the class session? 	<ul style="list-style-type: none"> • How could I make this material personally relevant? 	<ul style="list-style-type: none"> • How did the ideas of today's class session relate to previous class sessions?
<ul style="list-style-type: none"> • What questions do I already have about this topic that I want to find out more about? 	<ul style="list-style-type: none"> • Can I distinguish important information from details? If not, how will I figure this out? 	<ul style="list-style-type: none"> • What do I need to actively go and do now to get my questions answered and my confusions clarified?
<ul style="list-style-type: none"> • What is the instructor's goal in having me do this task? 	<ul style="list-style-type: none"> • What strategies am I using that are working well or not working well to help me learn? 	<ul style="list-style-type: none"> • To what extent did I successfully accomplish the goals of the task?
<ul style="list-style-type: none"> • What are all the things I need to do to successfully accomplish this task? 	<ul style="list-style-type: none"> • What other resources could I be using to complete this task? What action should I take to get these? 	<ul style="list-style-type: none"> • To what extent did I use resources available to me?
<ul style="list-style-type: none"> • What resources do I need to complete the task? How will I make sure I have them? 	<ul style="list-style-type: none"> • What is most challenging for me about this task? Most confusing? 	<ul style="list-style-type: none"> • If I were the instructor, what would I identify as strengths of my work and flaws in my work?
<ul style="list-style-type: none"> • How much time do I need to complete the task? 	<ul style="list-style-type: none"> • What could I do differently mid-assignment to address these challenges and confusions? 	<ul style="list-style-type: none"> • When I do an assignment or task like this again, what do I want to remember to do differently? What worked well for me that I should use next time?
<ul style="list-style-type: none"> • If I have done something like this before, how could I do a better job this time? 	<ul style="list-style-type: none"> • To what extent am I being systematic in my studying of all the material for the exam? 	<ul style="list-style-type: none"> • What about my exam preparation worked well that I should remember to do next time?
<ul style="list-style-type: none"> • What strategies will I use to study (e.g., study groups, problem sets, evaluating text figures, practice quizzes, going to office hours and review sessions)? 	<ul style="list-style-type: none"> • To what extent am I taking advantage of all the learning supports available to me? 	<ul style="list-style-type: none"> • What did not work so well that I should not do next time or that I should change?
<ul style="list-style-type: none"> • How much time do I plan on studying? Over what period of time and for how long each time I sit down do I need to study? 	<ul style="list-style-type: none"> • Am I struggling with my motivation to study? If so, do I remember why I am taking this course? 	<ul style="list-style-type: none"> • What questions did I not answer correctly? Why? How did my answer compare with the suggested correct answer?
<ul style="list-style-type: none"> • Which aspects of the course material should I spend more or less time on, based on my current understanding? 	<ul style="list-style-type: none"> • Which confusions remain and how am I going to get them clarified? 	<ul style="list-style-type: none"> • What questions did I not answer correctly? Why? What confusions do I have that I still need to clarify?

Metacognitive questions adapted from Tanner (2012); Ertmer and Newby (1996); Schraw (1998); and Coutinho (2007). Organized by Dr. Shaun Vecera