

Questions That Self-Regulated Learners Ask Themselves <i>(adapted from Schraw, 1998 and Tanner, 2012)</i>			
	Metacognition (also Elaborative Rehearsal)	Meta-emotional	Environmental
Planning before a learning or performance task (task analysis)	<p>What kind of a task is this?</p> <p>What is my goal? How will I know I have reached it?</p> <p>What do I already know about the topic?</p> <p>What additional information, if any, will I need?</p> <p>What strategies should I use? (actively listening, taking notes, outlining, visually representing the material, occasionally self-quizzing, reviewing, or writing a summary)</p> <p>What strengths can I bring to the task?</p> <p>What are my weaknesses and how can I make up for them?</p>	<p>How interested and motivated am I to do the task, and how can I increase my interest and motivation if they are low?</p> <p>What's the value or relevance of what I'll be learning?</p> <p>How confident am I in my ability to learn this material? If not very, how can I increase my belief in my ability to learn it, without becoming over-confident? What similar tasks can I recall doing well in the past?</p>	<p>What is the best environment for the task that I can create?</p> <p>Am I in a good physical place and position to do this task?</p> <p>Is the temperature right for me? How about the background sounds?</p> <p>Have I had enough sleep? Have I had the right amount of coffee today?</p> <p>Have I put potential distractions far, far away?</p> <p>How much time and what resources will I need? Are these resources handy?</p>
Monitoring during a learning or performance task	<p>Am I sure I know what I am doing?</p> <p>Does my approach to the task make sense?</p> <p>Am I making good progress toward my goal?</p> <p>How focused am I? Am I getting tired? If so, how can I keep myself focused and alert?</p>	<p>If my interest and motivation are sagging, how is what I'm learning relevant to my experience or my future?</p> <p>What material is challenging what I've thought about</p>	<p>Should I try another environment to see if it works better?</p> <p>How about another physical position?</p> <p>How are the temperature and background sounds working out?</p>

	<p>How well are my strategies working?</p> <p>What changes in approach or strategies should I make, if any?</p> <p>What material is the most important?</p> <p>What material am I having trouble understanding?</p> <p>How does what I am learning relate to what I already know?</p> <p>How is my thinking on the topic changing?</p>	<p>the subject? Am I resisting it?</p> <p>Am I starting to get discouraged or give up? Am I thinking I'm just no good at this subject? How can I change this negative thinking? What similar tasks can I recall doing well in the past?</p>	<p>Am I staying away from distractions? If not, I have to get further away from them.</p> <p>Do I need a short break to refresh my mind and body?</p>
Evaluating after a learning or performance task	<p>How well did I achieve my goal or master what I set out to learn?</p> <p>What can I recall and what do I need to review?</p> <p>What were the most important points I learned? Can I see and organize the interrelationships among them?</p> <p>What am I still having trouble understanding?</p> <p>What questions do I have to ask my instructor?</p> <p>How does what I learned relate to other things I've been learning or have experienced?</p> <p>How has my thinking on the topic changed?</p> <p>Which approaches and strategies worked well? Which didn't?</p> <p>What do I need to do differently next time I take on a similar task?</p>	<p>How am I reacting emotionally to my evaluation of my learning?</p> <p>Being pleased reinforces a learner's motivation and other positive emotions she generated about the material and her ability to learn it.</p> <p>Being disappointed may lead either to improving her learning strategies or her defensively withdrawing her energy from task.</p> <p>This last reaction in turn undermines the positive emotions needed to begin the next learning or performance task.</p>	<p>How well did I avoid distractions and stay on task?</p> <p>If not that well, how can I avoid distractions more effectively in the future?</p> <p>Do I need to experiment more with different physical factors to find the best working environment and break schedule for myself?</p>