Active Study Guide

Goal: Learn the material so that I am able to teach it to someone else.

Use the "Active Study Guide Chart" to complete sections 1-3.

1) Make your Study Guide

1. List the key ideas, concepts, and theories from this (or each) class session.
2. Focus on Importance (Why, How, and So What):

   Use the "Study Tips by Subject" handout for ideas of what to focus on in each subject.

   a. Explain the details of each concept. How does it work? Why does/did it happen?

   b. Explain why each term is important. Ask yourself: So what? Why do we study it?

2) Make it Meaningful to You

1. Can you connect the term to anything else you know?
2. What is an example of each term?

3) See the Big Picture

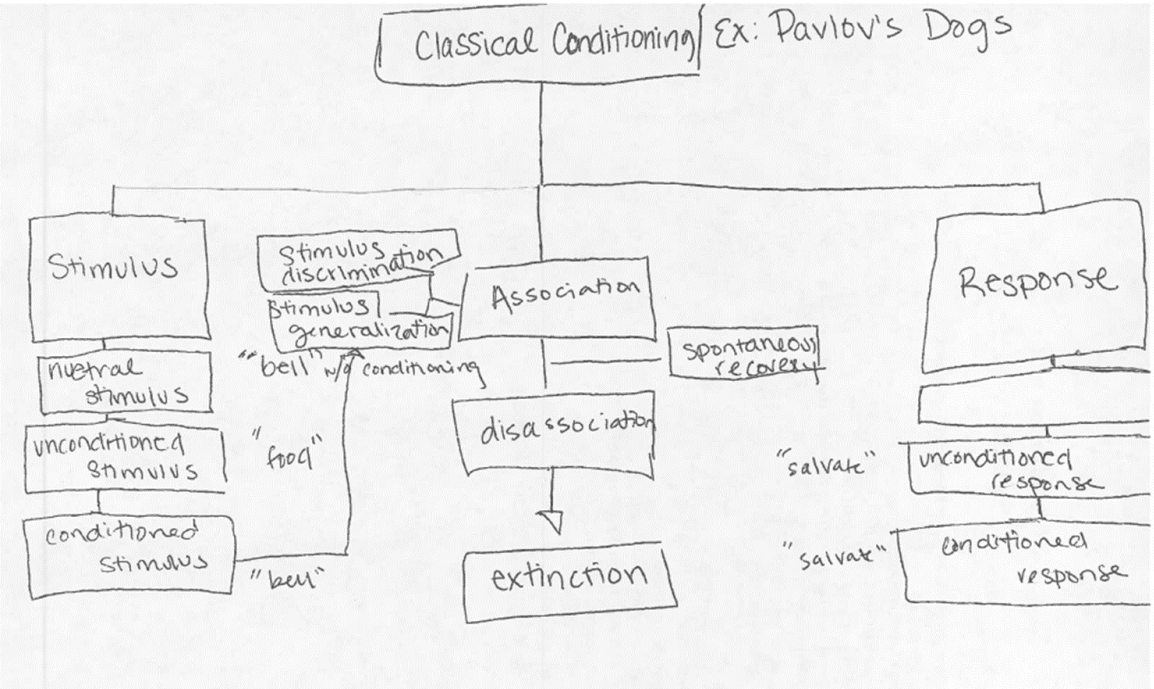
1. How do the ideas relate to what you have already studied in this class?
2. How do these concepts build on previous course material (textbook, other lectures, examples)?
3. What terms or ideas are new to you from this class session?
4. How can you apply these concepts?
5. What is the effect of these theories/concepts/ideas? Are there any implications?

4) Organize the Information

On a separate sheet of paper, create a visual summary. Visually organize the information to help explain relationships and connections between concepts (word lists; concept maps; additional, smaller charts; pictures; timelines; etc.).

Created by Mary M. Fischer

Example: Concept Map



5) Simulate the Test

If you were the professor, what would you ask on the test? Below, create your own self-quiz questions that will help you think more deeply about the material.

Examples:

1. How are marine terraces formed? Where are they found and why?
2. What are common characteristics of terrestrial planets?
3. Describe the differences between igneous, sedimentary, and metamorphic rocks.
4. What are the implications of Theory X?