**Study Strategies**

1. Make a word bank of important terms

* describe in your own words
* recognize different ways of describing them
* what are the relationships between terms

2. Make a list of formulas

* describe what situations you would use them in
* what formulas are used together
* look at units
* look at “ballpark” values

3. Write a Big Idea for each worksheet, lab, and group activity

* review each worksheet, being sure to get any questions answered and making sure to do the more difficult problems at the end
* identify the concept involved in each problem - there is usually a problem on the test similar to each worksheet
* review the group activities and labs that we do in class; these experiences show the application of the concepts and how we see them in real situations.

*\*The test questions stem from things you have practiced, so recognizing the concept involved in the problem really helps you think through the question and answer it correctly.*

4. Identify the Big Ideas for each section of reading and in-class notes

* discuss with a study partner/study group
* articulate your own understanding
* hear the concepts expressed in a variety of ways
* clarify any unclear concepts or misunderstandings
* go deeper into your own understanding

*\*It is important for you to identify and articulate the big ideas for yourself (not just re-read the text). This will help you be able to apply the concepts to both a familiar and a new situation. This is one of the critical thinking skills you will develop over the course of the year.*