

Synthesizing the Concepts Labs

As part of the homework, you will be completing 2 Labs that synthesize concepts from the book. Each will count for a maximum of 20 points, and will be graded on completeness (5 pts), accuracy (10 pts), neatness (2 pts), and effort (3 pts). You will be working in pairs, and must turn in only one lab for each pair...just make sure each name is on the lab when you turn it in. Feel free to use whatever technology you think is appropriate to put forth the best lab write-up. Also, feel free to ask me for help along the way if you and your partner get stuck.

I will be writing up a handout for each lab. You and/or your partner must come in to my office to see what labs are available, and to choose what lab you would like to start with. The first few are using material from chapters 2 and 3, so you could potentially start right away. At least one of the labs must come from the following:

- Stringed Instrument Lab (chapter 4)
- Cooling Water Lab (chapter 4)
- China and India Populations Lab (chapter 5)
- Water Flow Lab (chapter 7)
- Projectile Lab (chapter 7)

The other labs can come from this list:

- The Used Car Lab (chapter 2)
- The Golf Ball Lab (chapter 2)
- Sports Lab (chapter 3)
- Folding Paper Lab (chapter 5)
- Pendulum Lab (chapter 9)

The due dates are as follows: First lab due Friday, February 29; Second Lab due Friday, April 25; EC Labs due Friday, May 9.

Feel free to turn labs in early...since if you complete both labs and receive a grade of 15 or more on each of them...you may do up to 2 other labs of your choice for up to 2 exam points each.