Read Chapters 12 and 13 “Woodwind Instruments” and Percussion Instruments in Rossing, Moore and Wheeler.
Again, try to understand the arithmetic but don't need to memorize equations and calculations. Concepts are most important.

Study the glossaries. If any concept bothers you, be sure to ask in class. Note that some items are repeats from former chapters. These are very important concepts to try to understand.
Try to answer Review questions p.269. no's 2,3,4,5,7,8,9,12.
Try to answer Exercises p 270. No’s 1,5,6.

Try to answer Review questions p.307. No's 1,2,3,4,15,16.

If time permits, we will discuss aspects of Ch 14 “Keyboard Instruments” and parts of Ch 15 through 17 “The Human Voice”.

On the last day of class Fall Semester, Wed Wed Dec 5 you should bring in your final project for demonstration. We will make a video clip, listen to, and evaluate your instrument. I do not collect them.

Important! You should also prepare a short (approximately one page) essay on your instrument. Include Construction techniques. Physics involved in design. In particular sound vibration source, resonance, efficient radiation of sound, etc. Include any concepts that you learned in construction of this project.