

# Water - Self Guided Chemistry

The water topic in chemistry is all review of old material with a few new vocabulary words for things that you know about but don't know what to call them. There is NOTHING new at all, no new formulas, no new concepts, no new reasons that water has its particular properties. It's important and valuable to review, but we will spend almost no time in class doing this work. This will be a self guided topic. I will provide you with a timeline, notes, slide shows to watch, homework, and review materials, but you will do this on your own.

Since there is nothing new, this should be relatively easy.

Since I won't be running this show, it will be up to you to direct yourself and make yourself and help each other. Helping others is another way to say you are reinforcing your own ideas. Helping someone else allows you to verbally, and sometimes with drawings, go deep into the material, and to force yourself to make sense of these abstractions.

## This is what you have to do:

1. Obtain the necessary paper materials (all on the black tables out back, in a pile for you to pick up).
2. Read the Water BASICS, preferably twice.
3. Watch the slideshow, with the notes in hand, and copy down all that is important.  
(say: I will have to go to the school Library during my Study Hall or other free time)
4. Do the 2 homework assignments, then check them with the answers (all online) and then review them orally with someone in chemistry class that you respect and that you trust.
5. Watch the "old" water power point after you have a handle on this, to see how funny I used to be and how silly learning about water can be.
6. Review the Blue Chemistry Textbook chapter 17, which happens to be the only chapter that your teacher thinks is worth reading in our class. You may have to carry it home and carry it back as well. Sign it out if you take one.
7. Answer the 20 questions in the water handout, then check your answers (all online) and then review them orally with someone in chemistry class that you respect and that you trust.
8. Do the water lab (time will be provided for this during a double period lab class, a FIRM due date will be given).
9. Do this all sooner than later, and we will take the water celebration sometime before the end of March.  
This celebration will be unannounced; just learn the material, and get ready for it.
10. Continue to keep up with the Solutions chemistry topic, which includes some basic facts about water (many solutions, in fact all aqueous solutions, are dissolved into water).
11. Ask questions (5 minutes of class time before all solutions classes will be given to water questions).
12. The only grades for water chemistry will be the water lab, and the water celebration.

You should complete all of this work by \_\_\_\_\_