*What do we know about water?  Water has properties that make it very important to life.*

*Do you know how many key properties water has?  Do you know what they are?*

*Do you know why they are important?*

*That's what this homework is all about.*

The challenge is to give as much information about water as you can.

You might want to draw a diagram, or include a table or chart - you can even include graphs if it helps you provide a full explanation.  Your work should be at least one full page - two pages are probably better.  This assignment should be neatly hand written.  I can already hear students say *"But Mr. DeRosa, it is so much easier if I just type and print out my answer!”*  Yes, this may be true, but I don't want you cutting and pasting your answers.  So for this assignment, only handwritten will be accepted.

Here are some hints:

* Give the number of attributes you will be describing;
* Define each attribute
* Provide an example of what that attribute does (sometimes two or more attributes combine for an effect)
* Use full sentences
* Provide illustrations. You can draw a single water molecule, the atoms that make up water, how multiple water molecules bond together, the polarity of water, and more. Be sure to label all your drawings.
* This isn't art class, so I am not expecting perfect drawings.  Our drawings are models that help us understand - keep them simple and use all drawings to help explain your thoughts.  LABEL everything.