NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PERIOD:\_\_\_\_\_\_\_\_\_\_

CRASH COURSE CHEMISTRY

Use the following video to review Chemistry and answer the questions below:

<https://www.youtube.com/watch?time_continue=1&v=FSyAehMdpyI>

1. What are some of the reasons we study chemistry?  What are two of the examples of matter given in the video?
2. Who helped prove the existence of atoms, making it a scientifically accepted theory rather than just a guess?
3. What is the nucleus of an atom?  What types of subatomic particles do we find in the nucleus?
4. What is the charge of a proton?  An electron?  A neutron?
5. What is the mass of a proton?  An electron?  A neutron?
6. What does the atomic number of an element tell us about atoms of that element?

7) Atoms are so small that it's hard for us to see/imagine them.  But we do use several models that help us visualize how they work.  Do you have a preferred model for thinking about the atom?  Describe it and draw it on the back of this sheet.