

GVC #1 -- I can explain the basic chemistry, structure and function of cells.

Learning Target - a. I can categorize the major elements utilized in cells and how they bond to form molecules.

ATOM NOTES - Pages 59-61

1. What is **Matter**?
2. What is an **element**?
3. What are the 6 most abundant elements in cells? (you can use the acronym)
4. Color those 6 elements yellow on the periodic table.
5. What is a **trace element**? Give an example of one.
6. On the periodic table color the following trace elements orange:
Iodine (I), Potassium (K), Calcium (Ca), Iron (Fe), Magnesium (Mg), Sodium (Na) and Chlorine (Cl).
7. What is an **atom**? What are the 3 parts of an atom?
9. What is a **chemical compound**?
10. Explain the difference in **ionic** and **covalent** bonding.