

Grade 9 Chemistry Review

What to study from

1. Guided Notes 1
2. Guided Notes
3. Lab safety
4. Written Notes
5. Build an Atom Activity
6. Bohr Model worksheet
7. Naming worksheets

WHAT YOU NEED TO KNOW

1. How to make a hypothesis using the word "BECAUSE" and having something be testable
2. Qualitative and Quantitative data examples
3. What is science?
4. How is Science done? (The Scientific Method)
5. What does it mean to be a scientist?
6. Controlled experiment – with a control group and an experimental group
7. Variables – Independent and Dependent examples
8. Analysis Questions in 'Guided Notes 1'
9. Make a data table – Neat!
10. Written Notes = Matter, subatomic particles, density, periodic table trends, chemical and physical properties, Kinetic Molecular Theory and Atomic Molecular Theory
11. Sub atomic particles – protons, neutrons, electrons, leptons, quarks
12. Elements – symbol, atomic #, atomic mass, Bohr Model and Ions
13. Covalent and Ionic Compound Naming
14. Lab safety!!