5.2

Atom Proton Electron Neutron Solid Liquid Gas Element Phase Periodic Table Group Period Atomic Number **Physical Change Chemical Change** Mixture Solution Compound Molecule Heterogenous Homogenous Ionic Covalent Bohr Models Acid Bases Pure Substances Solution Solvent Solute Precipitate Saturated Unsaturated Endothermic Exothermic Product Reactant Catalyst **Chemical Equations** pН Metal Metalloids Non-metals Valance

Law of Conservation of Mass Force Motion Mass Kinetic Energy Acceleration Velocity Thermal Energy Distance Speed Time Momentum **Energy Transfer** Energy Transformation **Unbalanced and Balanced Forces** Density Newton's Three Laws Gravity Work Simple Machines Push and Pull Buoyancy Potential Conservation of Energy Archimedes Principle Displacement Conduction Convection Insulator Temperature Friction Net Force Power Mechanical Advantage **Complex Machines**